



TJC Graduates Sixty-four



Temple College 1926 - 2011



Charting the Course of Excellence

2011-2012 Catalog



TEMPLE COLLEGE

TEMPLE COLLEGE

Established September 1926
TEMPLE, TEXAS 76504-7499
2600 S. 1st Street
Phone: (254) 298-8282
1-800-460-4636
www.templejc.edu

CATALOG ANNOUNCEMENTS 2011-2012

Temple College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Temple College.

Full Membership in, and Approved by,
Texas Higher Education Coordinating Board
Texas Education Agency

Departmental Membership, Accreditation, and/or Approved by,
Commission on Accreditation of Allied Health Education Programs
Accreditation Review Committee on Education in Surgical Technology
Commission on Dental Accreditation, American Dental Association
Commission on Accreditation for Respiratory Care
Texas Board of Nursing
National League for Nursing Accrediting Commission
Texas Department of State Health Services, Office of EMS/Trauma Systems Coordination
National Junior College Athletic Association
Northern Texas Junior College Athletic Conference
International Tennis Association

**Member of American Association of Community Colleges
Member of Texas Association of Community Colleges
Member of Hispanic Association of Colleges and Universities**

Temple College does not discriminate on the basis of gender, disability, race, color, age, religion, national origin, or veteran status.

This catalog is a set of guidelines for Temple College students.
The information in this catalog is subject to change.

For the most current information please go to:
www.templejc.edu/admission/admission.htm#Catalogs

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HOURS

The business hours for the College are:

FALL AND SPRING

Monday - Thursday 8:00 a.m. - 6:00 p.m.

Friday 8:00 a.m. - noon

SUMMER

Monday - Thursday 7:30 a.m. - 6:00 p.m.

The Admissions and Records office opens daily at 8:00 a.m.

TEMPLE COLLEGE EDUCATION CENTERS**CAMERON EDUCATION CENTER**

804 East First Street
Cameron TX 76520-3401
(254) 697-8642

DOWNTOWN CENTER

101 North Main Street
Temple TX 76501-7641
(254) 298-8282, (800) 460-4636

TAYLOR CENTER

516 North Main Street
Taylor TX 76574-3645
(512) 352-2688, (512) 365-7242 (Metro)

TEXAS BIOSCIENCE INSTITUTE

5701 Airport Road
Temple TX 76502
(254) 298-8782

CAMPUS NUMBERS

Temple College (254) 298-8282 or outside Temple area 1-800-460-4636
Taylor Center - Temple College 298-8946 or (512) 365-7242 or (866) 989-4266
Cameron Education Center - Temple College 298-8610 or (254) 697-8642
TDD (254) 298-8253

(All numbers have 298 prefix unless otherwise indicated)

Accounting Services/Student Accounts	8628	Liberal Arts.....	8596
Accounting Services.....	8601	Library (Learning Resources)	8426
Admissions & Records	8301	Loaner Computer Office	8467
Adult Education	8620	Maintenance (Physical Plant)	8690
Advising.....	8331	Management	8635
Art	8573	Math Lab (Computer Aided)	8348
Athletics	8522	Math Lab at Taylor.....	8949
Baseball	8529	Math Tutoring Lab	8373
Basketball/Men	8525	Mathematics	8358
Basketball/Women	8527	Media Center.....	8423
BellNet Room	8219	Music	8555
Biology	8405	Newton Science Lab.....	8404
Bookstore Main Campus	8575	Nursing - Associate Degree	8666
Bookstore at Taylor	8274	Nursing Lab	8664
Business and Community Education	8625	Nursing - Vocational	8664
Business Courses	8635	Open Computer Center (WTC)	8447
Cameron Center.....	8810 or 254.697.8642	Payroll	8581
Campus Police	8291	Performing Arts.....	8555
Cashier	8610/8611	Physical Education	8521
Chemistry	8407	Physics	8407
Child Development	8624	Physics Lab	8402
College Communications.....	8590	Purchasing	8609
Computer-Aided Design	8371	Respiratory Care	8697
Computer Training/User Support	8450	Schlotzskys (Food Court)	8803
Computer Information Systems	8465	Social & Behavioral Sciences	8384
Criminal Justice	8634	Special Projects	8342
Dental Hygiene	8678	Student Enrollment Services.....	8333
Dental Clinic	8688	Speech	8555
Distance Education.....	8388	Softball.....	8528
Educational Assistance Center	8620	Student Accommodations	8335
Education Courses	8624	Student Life	8309
Educational Services.....	8344	Student Success Division.....	8481
EMS Professions	8697	Surgical Technology.....	8651
English	8383	Tarleton Representative	8930
Event Coordinator	8690	Taylor Center	8946
Financial Aid.....	8321	Taylor Center	512.352.2688 or 512.365.7242
Financial Aid at Taylor.....	8948	Tech Prep	8482
Fitness Center/Wellness	8780	Tennis.....	8526
Food Court at the ASC	8803	Testing Center	8586
Foundation	8592	Texas Bioscience Institute.....	8782
GED/ESL	8620	Theatre.....	8555
Geographic Information Systems	8371	TRIO @ TC.....	8376
Golf Course.....	773.0888	TRIO @ Taylor	8275
Health	8525	Veterans Affairs	8311
Help Desk (Information Services)	8450	VCT (Virtual College of Texas).....	8319
Human Resources	8583	Visual Arts	8570
Institutional Advancement.....	8592	Volleyball	8531
Institutional Research	8340		

COLLEGE CALENDAR**FALL SEMESTER, 2011**

August 8-17	Final Registration
August 22	Faculty Return to Campus, All-College Meeting
August 22-26	Zero-Week
August 29	First Class Day
August 30	Last Day to Add/Drop a Class – Noon Deadline
September 5	Labor Day Holiday
September 7	Census Day for 1st 8-Week Classes
September 15	Census Day for 16-Week Classes
October 3	Deadline to Apply for December Graduation
October 7	Last Day to Drop a 1st 8-Week Class
October 19-20	1st 8-Week Class Final Examinations
October 20-21	Registration, 2nd 8-Week Classes
October 21	Mid-Semester
October 24	First Class Day for 2nd 8-Week Classes, Last Day to Add a Class
November 1	Census Day for 2nd 8-Week Classes
November 18	Last Day to Drop a 16-Week Class
November 22	Last Day to Drop a 2nd 8-Week Class
November 23-25	Thanksgiving Holidays
December 7	Last Class Day of Fall Day/Evening Classes*
December 8*	Last Class Day of Classes Meeting Thursday Only
December 9*	Last Class Day of Classes Meeting Friday Only
December 12	Final Exams Begin (Monday)
December 15	Final Exams End (Thursday)/ Semester Ends
December 16	College Closes at noon for Winter Break (Friday)
December 16	Grades Due at Noon (Friday)

SPRING SEMESTER, 2012

January 3	College Administrative Offices Open
January 3-5	Final Registration
January 9	Faculty Return to Campus, All-College Day
January 9-13	Zero-Week
January 16	Martin Luther King Holiday
January 17	First Class Day
January 18	Last Day to Add/Drop a Class – Noon Deadline
January 25	Census Day for 1st 8-Week Classes
February 1	Deadline to Apply for May Graduation
February 2	Census Day for 16-Week Classes
February 24	Last Day to Drop a 1st 8-Week Class
March 7-8	1st 8-Week Class Final Examinations
March 8-9	Registration, 2nd Eight Weeks
March 9	Mid-Semester
March 12-16	Spring Break
March 19	First Class Day for 2nd 8-Week Classes, Last Day to Add a Class
March 27	Census Day for 2nd 8-Week Classes
April 13	Last Day to Drop a 16-week Class
April 6	Good Friday Holiday
April 27	Last Day to Drop a 2nd 8-Week Class
May 2	Last Class Day of Spring Day/Evening Classes*
May 3*	Last Class Day of Classes Meeting Thursday Only
May 4*	Last Class day of Classes Meeting Friday Only
May 7	Finals Begin (Monday)
May 10	Finals End (Thursday) / Semester Ends
May 11	Grades for Graduates Due at 11:00 a.m. (Friday)
May 11	Grades Due at noon (Friday)
May 12	Commencement (Saturday)

**SUMMER SESSION 2012**

May 21-May 31.....	Final Registration
May 28.....	Memorial Day Holiday
June 1.....	Deadline to Apply for Summer Graduation
June 4.....	First Class Day—1st 6-Week, 8-Week and 11-Week Classes
June 5.....	Last Day to Add a Class
June 7.....	Census Day for 1st 6-Week Classes
June 12.....	Census Day for 8-Week Classes
June 14.....	Census Day for 11-Week Classes
June 28.....	Last Day to Drop a 6-Week Class
July 4.....	Independence Day Holiday
July 9.....	Final Examinations for 1st 6-Week Classes
July 11-12.....	Registration for 2nd 6-Week Classes
July 12.....	Last Day to Drop an 8-Week Class
July 13.....	Grades due at noon for 1st 6-Week Classes
July 16.....	First Class Day—2nd 6-Week Classes
July 16.....	Last Day to Add a Class—2nd 6-Week Classes
July 19.....	Census Day for 2nd 6-Week Classes
July 25-26.....	Final Examinations begin for 8-Week Night Classes
July 26.....	Final Examinations for 8-Week Day Classes
July 26.....	Last Day to Drop an 11-Week Class
August 9.....	Last Day to Drop a 2nd 6-Week Class
August 15.....	Final Examinations begin for 11-Week Classes
August 16.....	Final Examinations for 2nd 6-Week Classes and 11-Week Classes
August 16.....	Semester Ends
August 17.....	Grades due at Noon

ADMINISTRATION**BOARD OF TRUSTEES**

Mike Thompson - 2012 - Chair

Paxton Howard, Jr., M.D. - 2012

Jack W. Jones, Jr. - 2016

Anne Penney Newton, Ph.D., Ed.D. - 2012

Stephen H. Niemeier - 2014 - Vice Chair

Lydia Santibanez - 2014

Larry J. Wilkerson - 2014

Andrejs Avots-Avontins, M.D. - 2016 - Secretary

ADMINISTRATION

Glenda O. Barron President

Gary Jackson..... Interim Vice President, Administrative Services Chief Financial Officer

Mark A. Smith Vice President of Educational Services & Chief Academic Officer

Randy Baca Associate Vice President of Resource Management

Gary Jackson..... Associate Vice President of Finance,
Information & Technology Services, Chief Information Officer

Lee Ogburn-Russell Associate Vice President for Health Professions

Dan Spencer..... Associate Vice President of Academic Outreach and Extended Programs

Jimmy Roberts..... Associate Vice President of Community Initiatives and Special Programs

DIVISION DIRECTORS

Talma Botts Business and Career Professions

Gracie Conner Business and Community Education

Brian St. Amour eLearning

Thomas Fairlie..... Fine Arts

Lee Ogburn-Russell Health Professions

Kathy Fulton Learning Resources

Susan Guzman-Trevino Liberal Arts

Paul Foutz Mathematics, Science, and Physical Education

Carey Rose..... Student and Enrollment Services

Sheri Asbury..... Student Success Division

CENTER DIRECTORS

John Bicknell	Cameron Education Center
Vacant	Temple College Taylor Center

DEPARTMENT CHAIRS

Biology	Terry Austin	298-8405
Biotechnology	Katie Burrows	298-8638
Business, Management, Office Occupations	Carlye Weber	298-8635
Chemistry, Physics, Geology, Physical Science, Engineering	Sharon Hoffman	298-8407
Child Development/Education	Gail Cox	298-8624
Communications	John Stevens	298-8399
Computer Information Systems/	Talma Botts	298-8465
Computer-Aided Design/Geographic Information Systems		
Criminal Justice	Lesley Keeling-Olson	298-8634
Dental Hygiene	Diane Ring	298-8564
Diagnostic Medical Sonography	Steve Trawick	298-8695
Emergency Medical Services	Jeff Fritz	298-8563
Mathematics	Cynthia Martinez	298-8356
Nursing, ADN	Karen Robinson	298-8673
Nursing, LVN	Gregory Bond	298-8665
Performing Arts	Colin Mason	298-8555
Health and Physical Education	Pamela Lee	298-8521
Respiratory Care	William Cornelius III	298-8928
Social and Behavioral Sciences	Joanna Scott	298-8384
Surgical Technology	Sheila Davis	298-8650
Visual Arts	Michael Donahue	298-8570

PRESIDENT'S MESSAGE



On behalf of the Board of Trustees, the faculty, staff, and students of Temple College, I invite you to explore the many programs and services described within this catalog. Founded in 1926, TC has become a truly comprehensive community college, offering an array of educational opportunities in an ongoing effort to fulfill the dreams and aspirations of its students.

If your goal is to pursue a baccalaureate or higher degree, Temple College is a point of access for numerous professional fields of study through its transfer curriculum leading to the Associate of Arts degree. We now also offer an opportunity for our students to complete upper-level classes toward a baccalaureate degree on the TC campus through a partnership with Texas A&M University –Central Texas Tarleton State University–Central Texas, or online through an innovative partnership with Franklin University.

If your interests lie within a field of technical study, Temple College offers challenging programs leading directly to employment through specialized certification or an Associate of Applied Science degree.

If you need short-term job-related training or re-training for skill-specific occupations, Temple College Division of Business and Community Education provides many opportunities throughout each calendar year for open-enrollment classes as well as customized, contract training in partnership with local business and industry.

There are exciting opportunities for you at Temple College, and I invite you to experience the exceptional quality of instruction in the classroom and online, as well as the many other opportunities for enrichment through student organizations and activities, cultural and athletic events, forums and workshops, with many featuring local, state, and national leaders.

Temple College has combined a sense of history and tradition with unprecedented progress in the transformation of its campuses, programs, and services to meet the educational, cultural, and socioeconomic needs of a multi-county service area. Many of its programs have received national and even international recognition; many of its students have reached the highest levels of professional achievement.

I hope that you will join us on one of our Temple campuses, at our educational centers in Cameron or Taylor, or perhaps through the wonders of telecommunications, from a location most convenient to you. Our commitment at Temple College is quite simple, to make a difference in the life of each student.

Sincerely,

Glenda O. Barron, Ph.D.
President

TEMPLE COLLEGE MISSION STATEMENT

MISSION STATEMENT

The mission of Temple College is to foster student success for our diverse community by providing quality lifelong learning and enrichment experiences.

VALUES STATEMENTS

Learning - Temple College's commitment to excellence in teaching and learning is foremost. Our endeavors support educational success and a lifetime of learning.

Opportunity - Temple College actively promotes education for all by providing access to a variety of courses and programs through innovative and traditional approaches.

Integrity - Temple College demonstrates integrity by ethical decision making, excellent stewardship of our resources, and accountability to our constituents.

Community - Temple College cultivates collaborations that promote community partnerships, workforce development, and enrichment experiences. We foster an environment that promotes mutual respect, social responsibility, and open communication among students, faculty, staff, and the public.

STRATEGIC GOALS AND OBJECTIVES

Goal 1. Ensure Quality Learning Opportunities

Objectives:

- A. Assure accreditation from appropriate authority or agency.
- B. Assure the passage rates on certifications and licensure are above the national/state mean.
- C. Provide appropriate educational resources to support the delivery of learning.
- D. Improve course level placement to optimize learning.
- E. Provide appropriate academic rigor for students to be successful at the next level.

Goal 2. Foster Student Success

Objectives:

- A. Increase course completion with an earned grade of "C" or better.
- B. Improve retention of credential-seeking students from term to term and year to year.
- C. Increase the attainment of credentials as determined by graduation rates/core completion/licensure.
- D. Increase student engagement.

Goal 3. Provide Enrichment Experiences

Objectives:

- A. Increase attendance at programs and college functions.
- B. Increase participation in programs and college functions.
- C. Enhance targeted communication of college and community programs and events to appropriate audiences.
- D. Expand opportunities for student academic and social integration.

Goal 4. Partner with the Community

Objectives:

- A. Increase partnerships to meet community needs.
- B. Strengthen existing partnerships.
- C. Enhance communication within our service area to promote awareness of college opportunities.

Goal 5. Manage Resources Effectively

Objectives:

- A. Provide professional development to enhance effectiveness.
- B. Pursue alternative funding sources.
- C. Optimize the utilization of existing resources.
- D. Strategically plan for future needs.

HISTORY AND LOCATION



Temple Junior College was founded in 1926 in response to the need for a post secondary institution in Temple. The College is a result of the joint efforts of civic, business, and educational leaders. In the early years, the College was operated by the public school system. Classes were held in the basement of the old Temple High School building. As the student body grew, so did the need for a permanent campus. A separate junior college district was established in 1955 enabling the college to build a new facility. The College moved to its present location in south Temple in 1957.

Temple College has traditionally offered pre-professional courses leading to degrees in medicine, law,

education, engineering, and similar fields as well as more general academic courses that enable students to transfer to four-year institutions for baccalaureate degrees. The technical program of the College expanded with the opening of the Watson Technical Center in 1967. In recent years a wide variety of credit and non-credit classes, programs and workshops have been offered through Business and Community Education. Temple College became a leader in education for health professions with the opening of a new Health Sciences Center and Clinical Simulation Center in 2004.

With an enrollment of more than 6,100 students, the College is large enough to maintain a flexible and varied program. It is, at the same time, small enough to provide students with opportunities for the development of leadership abilities. Small class size makes possible a close personal relationship between students and their instructors.

In 1996, the name of the College was changed to Temple College to reflect its role as a comprehensive college, offering transfer programs, technical education, community education, career and workforce training, and cultural activities. The college now offers day and evening classes; technical and workforce training; on-campus, online, hybrid, and web-enhanced courses; and continuing education classes.

The main campus now exceeds 108 acres, including 27 buildings. University Courtyard Apartments provide apartment-style student housing and Temple College Apartments provide housing for low-income student families. Both facilities are located on the east side of the main campus.

The Danny Scott Sports Complex includes a gymnasium, fitness center, baseball and softball fields, and an intramural field. The Old Nine Golf Course also is located on east campus.

Temple College also operates at four off-campus locations. In the fall of 1997, the Temple College Taylor Center opened in the historic area of Taylor to serve the increasing educational and workforce training needs of east Williamson and surrounding counties. In fall 2007 Temple College, in partnership with Taylor Independent School District (ISD) and Hutto ISD, began operation of the Legacy Early College High School. Temple College is the lead institution of the East Williamson County Higher Education Center (EWCHEC), a multi-institutional teaching center. EWCHEC was established in 2007 to bring higher education and workforce opportunities to rural residents in east Williamson County.

The Cameron Education Center (CEC) opened in January 2000 to serve the educational and training needs of Milam County and surrounding areas. In July 2007, the CEC received a Middle College designation which allows dual credit learners to be enrolled in more than two dual credit classes per semester.



The Temple College Downtown Center opened in May 2000 in the historical old Temple Post Office Building. The Downtown Center is home for the Business and Community Education Division which offers non-credit coursework, workshops, seminars, and workforce development programs for the general public. Customized training programs for business and industry are also available. In 2005, renovations were completed to a historic building adjacent to the Downtown Center for the Temple College Business Training Center. A joint economic and business development project with the City of Temple, Temple Economic Development Corporation, Temple Chamber of Commerce and the Temple College Foundation, the Business Training Center houses the Temple Business Incubator, as well as classrooms, meeting space for community education and workforce training. Offices for the Temple College Foundation are also located in this facility.

The Texas Bioscience Institute (TBI), located on the Scott and White West Campus, opened in the fall of 2006. As a partner with community, education and business interests, Temple College took a leadership role in developing the TBI's innovative educational model involving area high schools, colleges and universities to bring new educational opportunities to Central Texas citizens. The Texas Bioscience Institute offers STEM (Science Technology Engineering and Math) based programs to promote a skilled and knowledgeable medical and biotechnology workforce in Central Texas. Texas Bioscience Institute programs serve high school students, transitioning military personnel, military dependents, displaced workers, and other certificate, associate or bachelor degree-seeking students. In January 2006, the TBI received a Middle College designation which allows dual credit learners to be enrolled in more than two dual credit classes per semester.

Temple College is located in Temple, Texas, a city of approximately 63,700 in the heart of Texas. Temple is recognized as a medical, education and research center. Within its boundaries are Scott & White Healthcare System, King's Daughters Clinic, Central Texas Veterans' Health Care System, Texas A&M College of Medicine, and USDA/Texas A&M University Blackland Research Center.

Temple is 125 miles from Dallas and Fort Worth, 60 miles from Austin, 140 miles from San Antonio, and 165 miles from Houston. It is, therefore, well-located with reference to commercial, cultural, and political centers of Texas and the Southwest.

TEMPLE COLLEGE: YOUR BEST CHOICE

Temple College enjoys an excellent academic reputation and offers Associate of Arts (AA) and Associate of Applied Science (AAS) degrees, as well as community education courses and public and corporate services. The AA degree offers the first two years of a four-year degree, and the AAS degree prepares students for employment in technical careers which require only two years of higher education. The College is friendly, convenient, and economical for students residing in Central Texas. Campus activities, which enhance college life, are varied and accessible. Attending Temple College is an excellent way to adjust to college life before going to a distant senior college or to prepare for one of the four-year colleges in Bell County: University of Mary Hardin-Baylor in Belton, Texas, or Texas A&M University - Central Texas in Killeen, Texas. Courses are also available to students at Temple College Taylor Center in Taylor, Cameron Education Center in Cameron, Temple College Downtown Center in Temple, or at the Texas Bioscience Institute in Temple.

TEMPLE COLLEGE FOUNDATION

Temple College Foundation is a non-profit corporation established in 1982. The purpose of The Temple College Foundation is to assist in and contribute to the academic and physical growth and development of the College. College Trustees and citizens-at-large make up The Foundation Board. The Foundation welcomes gifts of cash, life insurance securities or other property, directly or through wills or trusts. All gifts to The Foundation are tax deductible.

RECOGNITION AND ACCREDITATION

Temple College is a comprehensive two-year college, and the students are given full credit for their work in senior colleges and universities, provided it is done in keeping with requirements of those colleges and universities. Temple College graduates have successfully entered and completed work in senior colleges and universities throughout the United States. Temple College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Temple College. It is also recognized and approved by the Texas Higher Education Coordinating Board as a first-class two-year college. Temple College is an active member of the Texas Community College Association, the Texas Association of Community Colleges, and the American Association of Community Colleges. For more information visit TC's web site www.templejc.edu.

GRADUATE GUARANTEE PROGRAM

TRANSFER CREDIT

Temple College guarantees to its Associate of Arts graduates who have met the requirements for the degree, beginning June 1992 and thereafter, that course credits will transfer to other public-supported Texas colleges or universities provided the following conditions are met:

1. Transferability means acceptance of credit toward a specific major and degree at a specific institution. These three components must be identified by the student during the application for a mission process prior to the first semester of enrollment at Temple College.
2. Limitations on total number of credits accepted in transfer, grades required, relevant grade point average, and duration of transferability apply as stated in the general undergraduate catalog of the receiving institution.
3. Transferability refers to courses in a written transfer/degree plan filed in a student's file in the Admissions and Records Office at Temple College.
4. Only college-level courses with the Lower Division Academic Course Guide Manual approved numbers are included in this guarantee.

If all the above conditions are met and a course or courses are not accepted by a receiving institution in transfer, the student must notify the Division Director of Student Enrollment Services at Temple College within 10 days of notice of transfer credit denial so the "Transfer Dispute Resolution" process can be initiated.

If course denial is not resolved, Temple College will allow the student to take tuition-free alternate courses, semester hour for semester hour, which are acceptable to the receiving institution within a one-year period from granting of a degree at Temple College. The graduate is responsible for payment of any fees, books or other course-related expenses associated with the alternate course or courses.

Temple College has articulation agreements locally with the University of Mary Hardin-Baylor in Belton and Texas A&M University - Central Texas in Killeen as well as several other major universities in Texas which guarantee transferability of TC credits. Some agreements are program specific. Please consult the TC Advising office or the university for specific information.

REVERSE TRANSFER

If a student transfers from Temple College before completing their associates degree to another college/university and has earned at least 32 credits or more of their appropriate coursework at Temple College, Temple College will reverse transfer courses completed from the college/university back into their associates degree program at Temple College and award an associates degree if graduation requirements are met.

GUARANTEE FOR JOB COMPETENCY

If a recipient of an Associate of Applied Science degree or Certificate of Completion is judged by his/her employer to be lacking in technical job skills identified as exit competencies for his/her specific degree program, the graduate will be provided up to 12 tuition-free credit hours of additional skill training by Temple College under the conditions of the guarantee policy. Special conditions, which apply to the guarantee, include the following:

1. The graduate must have earned the Associate of Applied Science degree or Certificate of Completion beginning June 1992 or thereafter in a technical, vocational or occupational program identified in the College's general catalog.
2. The graduate must have completed requirements for the Associate of Applied Science degree or Certificate of Completion with the Temple College system, with a minimum 75 percent of credits earned at Temple College, and must have completed the degree or certificate within a five-year time span.
3. Graduate must be employed full-time in an area directly related to the area of program concentration as certified by the Division Director of Student Enrollment Services.
4. Employment must commence within 12 months of graduation.
5. The employer must certify in writing that the employee is lacking entry-level skills identified by Temple College as program exit competencies and must specify the areas of deficiency within 90 days of the graduate's initial employment.
6. The employer, graduate, Division Director of Student Enrollment Services, Vice President of Educational Services, Division Director of Business and Community Education, job placement counselor, and appropriate faculty member will develop a written educational plan for retraining.
7. Retraining will be limited to 12 credit hours related to the identified skill deficiency and to those classes regularly scheduled during the period covered by the retraining plan.
8. All retraining must be completed within a calendar year from the time the educational plan is agreed upon.
9. The graduate and/or employer is responsible for the cost of books, insurance, uniforms, fees and other course-related expenses.
10. The guarantee does not imply that the graduate will pass any licensing or qualifying examination for a particular career.

A student's sole remedy against Temple College and its employees for skill deficiencies shall be limited to 12 credit hours of tuition-free education under the conditions described above. Activation of the "Graduate Guarantee Program" may be initiated by the graduate by contacting the Vice President of Educational Services within 90 days of the graduate's initial employment.



GENERAL INFORMATION

- **ADMISSION TO COLLEGE**
- **TUITION AND FEES**
- **FINANCIAL AID**
- **ACADEMIC ADVISING**
- **SPECIAL SUPPORT SERVICES AND TRIO**
- **TESTING**
- **REGISTRATION**
- **ACADEMIC HONORS AND STANDARDS**
- **CLASS INFORMATION**
- **STUDENT LIFE**

ADMISSION TO COLLEGE

EQUAL EDUCATIONAL OPPORTUNITY

It is the policy of Temple College that all persons shall receive equal opportunities in admission or access to, or treatment or employment in, its programs and activities, without regard to race, religion, color, disability, sex, age, national origin, or veteran status. These benefits include but are not limited to such matters as housing, financial assistance, recruitment, and any type of personnel service.

REQUIRED STATE TESTING-TEXAS SUCCESS INITIATIVE (TSI)

Texas Administrative Code Title 19, Part 1, Chapter 4, Subchapter C requires that all students who enter public institutions of higher education in the fall of 2003 and thereafter must be tested for reading, writing and mathematics skills. This includes all full-time and part-time students enrolled in a degree or level two-certificate program. Performance on the test will not be used as a condition of admission. For testing scores please see Testing section of the Temple College catalog.

EXEMPTIONS

1. The following students shall be exempt from the requirements of this title:
 - a. For a period of five (5) years from the date of testing, a student who is tested and performs at or above the following standards:
 - i. ACT: composite score of 23 with a minimum of 19 on the English test and/or the mathematics test shall be exempt for those corresponding sections;
 - ii. Scholastic Assessment Test (SAT): a combined verbal and mathematics score of 1070 with a minimum of 500 on the verbal test and/or the mathematics test shall be exempt for those corresponding sections; or
 - b. For a period of three (3) years from the date of testing, a student who is tested and performs on the Eleventh grade exit-level Texas Assessment of Knowledge and Skills (TAKS) with a minimum scale score of 2200 on the math section and/or a minimum scale score of 2200 on the English Language Arts section with a writing subsection score of at least 3, shall be exempt from the assessment required under this title for those corresponding sections.
 - c. A student who has graduated with an associate or baccalaureate degree from an institution of higher education.
 - d. A student who transfers to an institution from a private or independent institution of higher education or an accredited out-of-state institution of higher education and who has satisfactorily completed nine hours of college-level coursework with a cumulative 2.0 GPA as determined by the receiving institution.
 - e. A student who has previously attended any institution and has been determined to have met readiness standards by that institution.
 - f. A student who is enrolled in a certificate program of one year or less (Level-One certificates, 42 or fewer semester credit hours or the equivalent) at a public junior college, a public technical institute, or a public state college.
 - g. A student who is serving on active duty as a member of the armed forces of the United States, the Texas National Guard, or as a member of a reserve component of the armed forces of the United States and has been serving for at least three years preceding enrollment.
 - h. A student who on or after August 1, 1990, was honorably discharged, retired, or released from active duty as a member of the armed forces of the United States or the Texas National Guard or service as a member of a reserve component of the armed forces of the United States.
2. An institution may exempt a non-degree-seeking or non-certificate-seeking student.

IMMUNIZATIONS

STUDENTS ENTERING FROM UNITED STATES

The Texas Department of Health has dropped its statutory requirements for immunizations at Texas colleges and universities. However, they, Temple College, and the advising committee on Immunization Practices strongly suggest that students have a tuberculosis test and protect themselves from vaccine-preventable diseases by having the following vaccines:

- Measles, Mumps, Rubella (MMR)
- Tetanus, Diphtheria, Pertussis (DTP)
- Polio Vaccine
- Varicella
- Hepatitis B

Effective January 1, 2010 the 81st Texas Legislature (2009) requires all students who live or will live in University Courtyard Apartments or Temple College Apartments who are first time in college students or transfer students must show evidence of being immunized against bacterial meningitis. Students must provide documentation of having received the vaccination at least 10 days prior to the student taking up residence in University Courtyard Apartments or Temple College Apartments. Exclusions from compliance are allowable on an individual basis for medical contraindications, or reasons of conscience, including a religious belief. A conscientious exemption form from the Texas Department of State Health Services (DSHS) must be used. A student may submit a request on a DSHS online form, fax, or regular mail. DSHS has five days from the date they receive the requests to process and mail out the form. Unless it is a very busy time of the year, like back-to-school in August, the forms are sent out within 24-36 hours. However, it may take a student up to two weeks to receive the forms. The forms would then need to be completed, notarized and provided to the designated school official at your institution prior to the student taking up residence. For more information, please refer to www.immunizetexas.com, click on the link to "School/Childcare Requirements," and then click on the link to "Exclusions from Immunization Requirements."

This information is being provided to all new college students in the state of Texas. Bacterial Meningitis is a serious, potentially deadly disease that can progress extremely fast, so take utmost caution. It is an inflammation of the membranes that surround the brain and spinal cord. The bacteria that causes meningitis can also infect the blood. The disease strikes about 3,000 Americans each year, including 100-125 on college campuses, leading to 5/15 deaths among college students every year.

APPLICATION FOR ADMISSION

Prospective students may make formal application by submitting an Application for Admission to Temple College or by submitting online using the Texas Common Application and providing required academic information. Admission to TC does not guarantee admission to specific courses or programs of study. Prerequisites are required for some courses, and departmental approval is required prior to registering for certain Health Sciences Programs. Temple College reserves the right to refuse admission or re-admission to any applicant who does not comply with admissions procedures.

METHODS OF ADMISSION

Beginning Freshmen:

- a. **High School Graduates:** Graduates from an accredited high school must have an official copy of their high school transcript showing graduation date on file before final admission is granted. Graduates from unaccredited high schools may be eligible for admission under "c." below.
- b. **GED:** Applicants who successfully complete the General Education Development (GED) Test and receive the Certificate of High School Equivalency must have their test scores and Certificate of Equivalency on file with the Admissions and Records Office before final admission can be granted.
- c. **Non-Traditional Secondary Educational Completion:** Students who are under 18 years of age and who are applying for admission based on the completion of an independent study equivalent to the high school level in a non-traditional setting rather than through a public high school, accredited private high school, or home school may be admitted on an individual approval basis provided that they:
 1. Present a notarized record of the high school equivalent work completed and the date of successful completion. This work should be consistent with Texas Education Agency minimums for high school completion;
 2. Comply with institutional testing requirements;
 3. Agree to limitations or conditions of admission established by the institution.
- d. **Non-traditional High School Dual Credit:** Students in non-traditional programs who seek Dual Credit enrollment in Temple College must meet the following conditions:
 1. High school students who enroll in Dual Credit classes must take the assessment test approved by the state of Texas, or meet exemption criteria prior to enrolling in any college level course(s). The students must pass the section(s) related to the course(s) in which they intend to enroll. For testing scores and information please see Testing section of Temple College Catalog.
 2. Initially, all students eligible for enrollment must submit a general admission application, a new Dual Credit/Early Admission enrollment application, a residency form, and a high school transcript. Prior to enrolling in any consecutive semester, a Dual Credit Early Admission application must be submitted. Upon graduation from high school, a high school completed transcript with graduation date posted must be submitted to the Temple College Admissions and Records office.

e. **Early College/Middle College Enrollment for High School Students:**

Students must meet the testing requirements listed in the following paragraphs.

1. High school students who enroll in early college classes must take the Texas Success Initiative (TSI) assessment test or meet exemption criteria prior to enrolling in any college level courses. These students must pass the section(s) related to the course(s) in which they intend to enroll.
2. High school students eligible for enrollment in a level-one certificate program must have taken all sections of the 10th grade Texas Assessment of Knowledge and Skills (TAKS) test or all sections of the Accuplacer test
3. High school students eligible for enrollment in a level-two certificate program must take the TSI assessment test or meet exemption criteria.
4. Initially, all high school students eligible for Early College enrollment must submit a general admission application, a Dual Credit/Early Admission registration form and a current official high school transcript showing all work completed and the TAKS scores. Prior to enrolling in any consecutive semester, a new Dual Credit/Early Admission registration form must be submitted. Upon graduation from high school, an official high school transcript with graduation date posted must be submitted to the Temple College Admissions and Records office before a Temple College transcript can be released.

f. **Early Admissions Enrollment for High School Students:**

Students must meet the testing requirements listed in the following paragraphs.

1. High school students who enroll in early admission classes must take the Texas Success Initiative (TSI) assessment test or meet exemption criteria prior to enrolling in any college level courses. These students must pass the section(s) related to the course(s) in which they intend to enroll.
2. High school students eligible for enrollment in a level-one certificate program must have taken all sections of the 10th grade TAKS test or all sections of the Accuplacer test or all sections of the Preliminary Scholastic Aptitude Test (PSAT/ National I Merit Scholarship Qualifying Test (NMSQT).
3. High school students eligible for enrollment in a level-two certificate program must take the Texas Success Initiative (TSI) assessment test or meet exemption criteria.
4. Initially, all high school students eligible for Early Admission enrollment must submit a general admission application, a Dual Credit/Early Admission registration form signed by a high school counselor, etc., and a current official high school transcript showing all work completed and the TAKS or PSAT scores. Prior to enrolling in any consecutive semester, a new Dual Credit/Early Admission registration form must be submitted. Upon graduation from high school, an official high school transcript with graduation date posted must be submitted to the Temple College Admissions and Records office before a Temple College transcript can be released.
5. Early Admission enrollment will not receive the Temple College dual credit discount.

g. **Individual Approval:**

Applicants over 18 years of age may be admitted to Temple College without a high school diploma or a GED examination. Students must provide evidence that they can successfully complete college work. Please be aware without a GED or high school diploma financial aid cannot be awarded you must take the Ability to Benefit test before financial aid can be awarded. For more information please see Financial Aid in Temple College catalog.

h. **Transfer Students: Degree/Certificate Seeking**

A student who is eligible to re-enter the College that they last attended is eligible for admission to Temple College by transfer of credits. The student is required as part of the admission process to submit official transcripts from all other institutions attended. Transcripts must bear the College seal date and appropriate signature and must be in a closed, sealed envelope to be considered official. Transcripts should be mailed directly to the Admissions and Records office from the other institution(s). In some cases, Temple College will accept a hand-delivered transcript as long as the transcript is submitted in a closed, sealed envelope from the other institution. Transcripts that are not in a closed and sealed envelope will not be acceptable and will not be considered official. Students on academic probation at the transfer institution will be admitted on probation to Temple College and must earn a grade point average of 2.0 during their first semester in attendance at TC. If the student is on suspension from the transfer institution, TC will honor that suspension. Applicants may petition the Director of Recruitment and Retention for an exception to this policy.

Credit for courses passed (grade of D or better) may be transferred only from regionally accredited colleges or universities. No credit will be allowed from U.S. institutions not regionally accredited. Students with proficiencies gained in non-accredited institutions should see the section of this catalog on credit by examination.

Coursework from institutions outside the U.S. will be considered on a case by case basis and these students will be required to furnish an evaluation of their courses by the Credentials Evaluation Service, P.O. Box 66940, Los Angeles, California 90066 or Educational Credentials Evaluators, Inc., P.O. Box 929700970, Milwaukee, Wisconsin 53202 or Foreign Credentials Service of America, 1910 Justin Lane, Austin, TX 78757-4565. Phone (512) 459-8428. No other credential agency will be accepted.

Students seeking exemption from the Texas Success Initiative should contact the Temple College Testing Center. Courses transferred to Temple College will be evaluated during the student's first semester in residence. Final admission to Temple College will not be granted until all official transcripts are on file in the Admissions and Records office. Students who do not submit all official transcripts will not be allowed to enroll into a consecutive semester.

i. Transfer Student: Non-Degree/Certificate Seeking

1. To be admitted under non-degree/non-certificate status, an applicant must complete these requirements: Complete an application for admission to TC, showing method of entry as a non-degree, non-certificate seeking student.
2. Provide TC with an official transcript from the last college or university attended. If the student becomes degree seeking all transcripts will be required. If student is seeking exemption from the Texas Success Initiative, contact the Temple College Testing Center. Casual students who desire to enroll in courses for personal enrichment or job skill training are not required to take an assessment test unless they subsequently choose to seek a degree or a level two certificate. Casual students must declare their educational intent as non-degree seeking at the beginning of each enrolled term. Casual students are limited to two courses each semester. Casual Students are not eligible to receive financial aid.
3. Should a student who is originally admitted as a non-degree/non-certificate seeking student decide to pursue a degree at Temple College, the student must, at that time, complete the admission procedures outlined for degree-seeking transfer students and must abide by all requirements under the Texas Success Initiative.

j. Readmission:

A student who has not attended Temple College within the last 12 months must apply for re-admission through the Admissions and Records office. If the student has attended any other colleges or universities since his/her previous enrollment at TC, the student is required to submit an official transcript from that institution. Official transcripts may be mailed directly to TC from the other institution or may be submitted in a closed, sealed envelope.

k. Admission of Non-Citizen Students:

TC recognizes three categories of non-citizen students. The following admission requirements apply to students who are not U.S. citizens:

1. Permanent Residents: Submit a copy of the I-797 and green card, and then meet the same admission requirements as a U.S. citizen.
2. Refugee: Submit a copy of form I-94 indicating refugee status and then meet the same admission requirements as a U.S. citizen.
3. Non-Immigrant Alien: The following requirements apply to all applicants holding a non-immigrant visa issued by the U.S. Bureau of Citizenship and Immigration Service (USCIS) and non-citizen applicants who do not qualify for admission as a permanent resident or refugee.
 - a. Temple College application for admission: Applicants must turn in an application for admission at least 60 days prior to the first class for the semester in which they are seeking admission. Applicants must pay the International Student Application fee as determined by the tuition and fee schedule adopted by the Temple College Board of Trustees.
 - b. USCIS paperwork: Applicants must contact the International Student Advisor regarding documents that may be needed for their non-immigrant status.
 - c. Records of previous education: Applicants who have graduated from high school must submit an official high school transcript. Applicants who have college credit must submit official transcripts from each college or university attended. All foreign transcripts must be evaluated by a service that is a member of the National Association of Credential Evaluation Services (NACES). For more information, please visit www.naces.org.

- d. Test of English as a Foreign Language (TOEFL); Applicants whose native language is not English, must take the TOEFL exam. Applicants must score 500 or above on the written exam, a 173 or above on the computerize exam, or a 61 or above on the IBT to be considered for admission. An application and a list of test centers for the TOEFL may be obtained by writing to: TOEFL, Educational Testing Service, Princeton, NY 08540.
- e. Proof of financial support: Applicants must submit proof of financial support during their time at TC. Forms will be provided by TC. Applicants must also submit a current bank statement with conversion to U.S. dollars to satisfy this requirement.
- f. Proof of accident and medical insurance. All international students are required to maintain student accident and medical insurance. As part of this plan, the student also must have a provision for repatriation/medical evacuation coverage. Proof of insurance is required no later than 14 days after arrival in the U.S. Please provide proof of insurance to the International Student Advisor.
- g. All required documentation must be on file with the International Student Advisor before an admission decision can be made and proper non-immigrant documents issued.
- h. International students who are in the U.S. attending another college or university will be considered for admission as a transfer student. Please see International Student Advisor for a list of documents that will have to be turned in with the application.

CONDITIONAL ADMISSION

Students who submit an application to the College must meet the requirements described in the METHODS OF ADMISSION sections. Students will be accepted and admitted conditionally for one semester. Students will only be allowed until the end of the first semester they are enrolled to submit all required documentation. Students who do not provide the required documentation will not be allowed to re-enroll until all documents are received. Students who have an "administrative hold" on their records will not be able to obtain a copy of his/her transcript.

Please note that official documentation regarding a student's state test assessment status or test exemption is required to be on file in the Admissions and Records office PRIOR to registration. A student will not be allowed to register without proper documentation on file.

TRANSCRIPTS

Transcripts must bear the college seal, date, and appropriate signature, and must be in a closed, sealed envelope to be considered official. Transcripts should be mailed directly to the Admissions and Records office from the other institution(s). In some cases, Temple College will accept a hand-delivered transcript as long as the transcript is submitted in a closed, sealed envelope from the other institution. Transcripts that are not in a closed and sealed envelope will not be acceptable and will not be considered official.

Students are responsible for submitting the required transcripts to the Admissions and Records office. Transcripts become the property of Temple College and cannot be returned to the student. Students who need official copies of another institution's transcript should contact that institution directly. Transcripts are imaged into the institutions scanning system and originals are destroyed after three months.

CONCURRENT ENROLLMENT

Section 54.062 of the Texas Education Code permits an adjustment in the minimum tuition charge when a student is concurrently registered at more than one public institution of higher education. The student shall pay the full tuition charge to the first institution at which he/she is registered. If the minimum tuition at the first institution is equal to or greater than the minimum tuition for the second public institution at which the student is registered concurrently, the student shall not be required to pay the specified minimum tuition charge to the second institution, but shall pay only the hourly rates to the second institution along with institutional fees.

The student shall first register at the institution having the lower minimum tuition and shall pay to the second institution only the amount equal to the difference between his/her total tuition charge at the second institution and his/her total tuition charge at the first institution, but in no case shall the student pay to the second institution less than the hourly rates.

To qualify for the reduced minimum charge with Temple College as the second institution, the student must present a class schedule and official tuition and fee receipt for that semester to the Admissions and Records office prior to registration.

RESIDENCY REQUIREMENTS

Each student must show proof of both Texas and College District residency in order to pay resident and in-district tuition and fees. H.B. 1147 requires all students to complete an Oath of Residency and complete a Residency Questionnaire developed by the Texas Higher Education Coordinating Board at the time of registration. If, as the answers to the questions are reviewed by college officials, there remain questions as to the students proper residency classification, the student must provide a copy of one or more appropriately dated documents which will establish Texas or in-district residency.

The student is responsible for enrolling under the proper residency classification and for providing documentation as required by the institution. If there is any question about classification as a resident of Texas, the student must seek clarification from the Director of Admissions and Records prior to enrollment.

Students classified as non-residents or out-of-district upon first enrollment at Temple College are presumed to be non-residents or out-of-district for the period during which they continue as students. Students who believe they are eligible for residency reclassification must submit a Request for Change of Residency Status form with appropriate documentation to the Admissions and Records office and meet the requirements for reclassification. This request must be submitted prior to the official census date of the term in order to have the request considered for that term.

DETERMINING STATE RESIDENCY

The rules for determining state residency are:

- Individuals 18 years of age or over who lived in Texas 12 months before enrolling are entitled to classification as a resident.
- For dependents over 18, residency is determined by the parent who claims the student for federal income tax purposes both at the time of enrollment and for the tax year preceding enrollment.
- Persons classified as non-resident students upon first enrollment are presumed to be nonresident for the period during which they continue as students.
- Students enrolling before having resided in the state for 12 months immediately preceding time of enrollment are classified as non-residents for tuition purposes.

The following documents are some of the things students can use to provide evidence of Texas residency:

1. A transcript showing graduation from a Texas high school within the 12 months before enrollment.
2. A permanent Texas driver's license issued 12 months prior to the time of enrollment.
3. A W-2 form or pay statement showing employment in Texas 12 months preceding enrollment.
4. Purchase of a homestead 12 months before time of enrollment.
5. Voter's registration card issued 12 months prior to time of enrollment.
6. DD-214 or Military order.

DETERMINING IN-DISTRICT RESIDENCY

For the purpose of determining in-district or out-of-district status, TC applies the state rules and interpretations, but substitutes six months for length of residency, out-of-district for out-of-state references, and in-district for in-state references. The Temple College District is coterminous with the Temple City Limits and the Temple Independent School District. Once students have met the state residency requirements, they can verify their in-district residency by presenting one or more of the following types of documentation. This documentation must show an in-district address for the six months immediately prior to enrollment:

1. A permanent Texas driver's license with current address.
2. A lease agreement which includes the student's name.
3. A utility bill.
4. A voter's registration card.
5. A payroll check stub.
6. A property tax statement showing payment of Temple College District taxes.

If you have any questions, please call the Admissions and Records office at 298-8330.

The Board of Trustees of Temple College authorizes two exceptions to residency classifications. Persons who own property which is subject to ad valorem taxation by the district may receive a waiver of the difference between the out-of-state or out-of-district rate and the in-district rate of tuition for themselves and their dependents. The person, or his/her dependents, applying for such waiver shall verify property ownership by presenting an ad valorem tax statement or receipt, issued by the tax office or the district; or by presentation of a deed, property closing statement or other appropriate evidence of ownership of property, which is subject to ad valorem taxation by the district. In addition, persons under the age of twenty-three whose parents are divorced may be classified as in-district if they are state residents and provide acceptable documentation that either parent is a resident of the district.

MILITARY PERSONNEL AND DEPENDENTS

Persons in military service are presumed to maintain during their entire period of active service the same legal residence which was in effect at the time of entering the service. Education Code 54.058(b) provides that military personnel assigned to duty within the State of Texas, their spouses and their dependent children, shall be entitled to pay the same tuition as a resident of Texas regardless of the length of their physical presence in the state. To be entitled to pay resident tuition, military personnel shall submit at initial time of enrollment a statement from their commanding officer regarding their military status. This statement also must be obtained if active duty members seek resident tuition for their spouses or dependents. This statement is valid for one academic year. Each fall semester begins a new academic year at which time **another** form must be submitted.

DISCIPLINARY SUSPENSION FROM OTHER COLLEGES

The application for admission by a student on disciplinary suspension from another college will be considered by the College Discipline Committee chaired by the Vice President of Educational Services.

ACADEMIC FRESH START

An applicant for admission who is a Texas resident may seek to enter Temple College pursuant to the "academic fresh start" statute, Texas Education Code, 51.931. If the applicant informs the Admissions and Records office in writing of the election prior to registration, the institution will not consider academic course credits or grades earned by the applicant 10 or more years prior to the starting date of the semester in which the applicant seeks to enroll. An applicant who makes the election to apply under this statute may not receive any course credit for courses taken 10 or more years prior to enrollment. For more information, contact Admissions and Records.

REQUESTING A TEMPLE COLLEGE TRANSCRIPT

A student may request up to 5 official transcripts per calendar year for no charge. The calendar year is considered to be September – August. After the 5th request for an official transcript, the cost will be \$5 per official transcript.

To request an official transcript please see Admissions and Records or download the form at www.templejc.edu, click on "admissions and records."

Please note: Any student who has an administrative hold in our system will not be able to view grades, receive refund checks, enroll for a consecutive semester, or receive transcripts. These holds include, but are not limited, to:

- Incomplete application
- Missing information from application
- Missing official transcripts from other schools
- Disciplinary action
- Temple College unpaid tickets
- Unreturned library books
- Unpaid tuition
- Return of funds for Financial Aid
- Unreturned materials to Student Enrollment Services
- Default on Institutional Short Term Loans
- Default on Federal Student Loans*

*The student must meet the lender's arrangements and must provide proof to Temple College that the student has made six consecutive monthly payments.



EXPENSES

Tuition and fee charges that are to be paid at registration are due at that time. Registration is not complete until all payments have been made. Other charges are due upon request. Payment of tuition and fees may be made by cash, check, money order, Visa, MasterCard, Discover Card, American Express, or installment plan. For details on the installment plan, please see "Tuition and Fee Installment Plan". All charges and fees are subject to change by action of the Board of Trustees, as they deem advisable.

TUITION* AND GENERAL FEES**

Please check online for tuition due dates for each semester. The college does not mail tuition statements.

SEM HR	IN-DISTRICT	OUT-OF-DISTRICT RESIDENT	NON-RESIDENT OF TEXAS
1	88	154	330
2	176	308	468
3	264	462	702
4	352	616	936
5	440	770	1,170
6	528	924	1,404
7	616	1,078	1,638
8	704	1,232	1,872
9	792	1,386	2,106
10	880	1,540	2,340
11	968	1,694	2,574
12	1,056	1,848	2,808
13	1,144	2,002	3,042
14	1,232	2,156	3,276
15	1,320	2,310	3,510
16	1,408	2,464	3,744
17	1,496	2,618	3,978
18	1,584	2,772	4,212
19	1,672	2,926	4,446
20	1,760	3,080	4,680
21	1,848	3,234	4,914

*Health Science classes require an additional \$15 tuition charge per semester hour. Dual Credit classes are eligible to receive a \$20 per semester hour discount. A student may be subject to one or both of the special conditions listed above.

**Certain classes have additional lab fees. See individual course descriptions for specifics on lab fees.

LABORATORY FEES ---- SEE COURSE DESCRIPTIONS (Starting on page 149)**OTHER FEES PAID AT REGISTRATION (All special fees are subject to change)**

Special Fees:

Assessment Test Fee – ADN and VN.....	\$45
Auditing charge per class (in addition to tuition and other fees)	\$15
Developmental Math License Fee	\$80
Internet Fee	\$35 per semester hour
Hybrid Fee	\$35 per semester hour
Late Registration	\$5 per hour

Liability Insurance (Rate set by company) Approximately \$20 to \$75

Music: Individualized Instruction

2-hour courses \$120

1-hour courses \$60

Repeat Fee (Third or more times to repeat same course) \$55 per credit hour

Respiratory Care DataArc Database Clinical Tracking Software Fee \$70

Simulation Fee (varies with course) \$30 to \$64

Surgical Technology Sterile Supply Fee (Temple students only) \$150

Surgical Technology Fee for National Certification Exam \$300

Telecourse Fee \$25 per course
(ARTS 1316)

VCT Fee \$35 per semester hour

CHARGES FOR PARTICULAR SERVICES OR ACTIVITIES

Parking and traffic violations \$20 each

Disabled parking violation \$50 each

Faculty/Staff violation \$25

Returned checks regardless of reason..... Maximum Fee Allowed by State Law

Fax Service (Local) \$1 for first page
\$.50 each additional page

Fax Service (Long Distance) \$2 for first page
\$.50 each additional page

Late Graduation \$30

Temple College ID Card Replacement \$5

Property Damage..... Replacement Cost

Student Directory \$100

Transcript Fee, after 5th transcript/term \$5/transcript

Tuition and Fee Installment Plan Set-Up Fee \$30

Short Term Loan Set-Up Fee \$10

Installment Plan Late Fee (each payment) \$25

Short Term Loan Late Fee \$30

Testing Center Service Charges:

CLEP Test..... Test fees set by CEEB
TC Administrative Fee \$40

Freshman College Composition Writing Sample	\$10
Correspondence, Distance Learning, Online, Internet, and Virtual College of Texas Tests (students never enrolled at Temple College)	\$20
(former students)	\$10
(current students)	No Fee
DSST Test fees set by Thomson Prometric	Temple College - \$40
THEA	Pearson Education - \$29 Temple College - \$40
ACCUPLACER Test	\$25
	Retest - \$25
Institutional Credit Examination	Equivalent of tuition and fees for course attempted Pre-Testing Fees (Non-Refundable): (Payment by cash, money order, or credit card only)
Dental Hygiene	\$40
Diagnostic Medical Sonography	\$40
Nursing – ADN and VN Admissions Test	\$40
Respiratory Care Admissions Test	\$40
Surgical Technology Admissions Test	\$40

TUITION AND FEE INSTALLMENT PLAN

A student may pay for tuition and mandatory fees for regular fall, spring, and summer semesters by one of two methods: (1) full payment or (2) installment. The installment plan is an online service administered by Nelnet Business Solutions (formerly FACTS Tuition Management Company). Once a payment plan has been chosen, it may not be changed. The number of installments will depend on the date the agreement is completed and submitted online to Nelnet (FACTS). For the regular fall and spring semesters, one-half payment of tuition and fees plus the \$30 service fee must be paid before the beginning of the semester, one-quarter payment prior to the start of the sixth class week, and a final one-quarter payment before the beginning of the eleventh class week. For the regular summer term, one-half payment of tuition and fees plus the \$30 service fee must be paid before the beginning of the semester and the final one-half payment prior to the start of the fifth class week. The installment payment plan for tuition and fees may be used for the initial registration at the beginning of the regular fall, spring, and summer semesters. Installments may not be used for registration for shorter/longer periods.

NON-PAYMENT OF INSTALLMENT PAYMENT CONTRACTS

Students who fail to make full payment of all charges on the installment plans are subject to the following conditions:

- a.) Will have a hold placed on their records.
- b.) Will be prohibited from registering for classes.
- c.) Will still be responsible for the full amount due under the contract.
- d.) Will not receive grades, awards, diplomas, and records, including but not limited to transcripts, to which they would otherwise be entitled.
- e.) May be denied credit for the work done that semester.
- f.) Will be responsible for collection of fees, including court costs, as permitted by law, in the event that the note is placed in the hands of a collection agency or attorney for collection.

REFUNDS

To be eligible for a refund, a student must officially drop or withdraw. No refunds will be made after August 31 of the fiscal year of withdrawal. Refunds will be made according to the following formula.

Fall and Spring Semesters 16-Week Courses

Prior to the first class day.....	100%
For class days 1 to 15 (inclusive).....	70%
For class days 16 to 20 (inclusive).....	25%
After the 20th day of classes.....	NO REFUND

Summer Term

Prior to the first class day.....	100%
For class days 1 to 5 (inclusive).....	70%
For class day 6 (inclusive).....	25%
After the 6th day of classes.....	NO REFUND

OTHER TERMS

Other classes which meet less than 16 weeks will have the refund pro-rated based on the formula provided by the Texas Higher Education Coordinating Board. Tuition and fees paid directly to the institution by a sponsor, donor, or scholarship shall be refunded to the source rather than directly to the student.

If a refund is due to a Title IV aid recipient who completely withdraws, the refund will be returned in the following order: Federal Supplemental Loan for Students Loans, Unsubsidized Federal Stafford Loans, Subsidized Federal Stafford Loans, Federal PLUS Loans, Unsubsidized Federal Direct Stafford Loans, Subsidized Federal Direct Stafford Loans, Federal Direct Plus Loans, Federal Perkins Loans, Federal Pell Grants, Federal Supplemental Education Opportunity Grants (FSEOG), Other Student Financial Aid (SFA) Programs, federal, state, private, or institutional sources of aid, the student.

Repayments from SFA recipients must be distributed as follows: Federal Perkins Loans, Federal Pell Grants, FSEOGs, Other SFA Programs, other federal, state, private, or institutional sources of aid. Some refunds are pro-rata.

SERVICEMEMBERS OPPORTUNITY COLLEGES

Temple College is a member of the Servicemembers Opportunity Colleges (SOC). As a member of SOC, Temple College fully supports and complies with the SOC principles and criteria. The Admissions and Records Office will evaluate military experience based on recommendations made in the applicable publications of the American Council of Education. This evaluation will be coordinated with Department Chairmen and credit may be awarded. Upon completion of 12 semester hours in residence, the credit hours will be added to the student's record.

FINANCIAL AID

Students must have a high school diploma, GED, or demonstrate by exam ability to benefit to be eligible for federal financial aid.

FINANCIAL AID PRIORITY DEADLINES

Financial Aid files submitted by these dates will be considered for priority aid:

- Fall Semester - June 1
- Spring Semester - November 1
- Summer Semester - April 1

Applications are processed on a first-come, first-served basis. Applicants are eligible for the fund AVAILABLE AT THE TIME THEIR APPLICATION FILES ARE COMPLETED AND ADMISSION TO THE COLLEGE IS CONFIRMED. Late applicants should make arrangements to pay their own registration expenses.

STUDENT EMPLOYMENT ON CAMPUS

A limited number of part-time jobs will be available on the College campus for those who need to work in order to help pay for their college education. Students will be assigned to such duties as typists, file clerks, office assistants, community services, teacher assistants, pianists, models, lifeguards, technicians, library and laboratory assistants, grounds and building keepers, etc. Preference in employment is given to students reflecting financial need. Any student seeking campus employment should complete an application in the Financial Aid office as early as possible.

STUDENT GRANTS

Temple College is an active participant in the federally funded Pell Grant Program, Academic Competitiveness Grant (ACG) and the Supplemental Educational Opportunity Grant (SEOG) Program. Applicants apply by completing the Free Application for Federal Student Aid (FAFSA) online using www.fafsa.ed.gov.

Temple College also participates in the Texas Public Education Grant (TPEG), the Texas Public Education-Leveraging Education Assistance Partnership (LEAP) Program, and the TEXAS GRANT Programs. Temple College also participates in the Certified Educational Aide Exemption Program and the Early High School Graduation Scholarship Program. The application procedure for these programs is through the Financial Aid office.

TEMPLE COLLEGE RETURN TO TITLE IV POLICY

Temple College will return any unearned funds received from federal student assistance programs to the proper program accounts or lenders in accordance with Federal Title IV student assistance regulations, as amended, under 34 CFR, section 668.22(d) of the Reauthorization of the Higher Education Act of 1965.

Refunds will be calculated on students who have totally withdrawn from classes or have been withdrawn by instructors for non-attendance or have been withdrawn from classes for failure to meet the enrollment requirements of the state mandated THEA test. Withdrawals must be initiated in the Advising office.

Withdrawal date shall be defined as the actual date the student begins the College's withdrawal process, the last date of attendance recorded by an instructor, or the midpoint of the semester for students who have been withdrawn by instructors for non-attendance.

Official rosters will be sent to all instructors. The instructors will be directed to drop all students who have not been attending. These are considered to be unofficial withdrawals and will be calculated at midpoint of the semester. All students who were not reported are considered to have completed the semester and have earned grades received.

Within 30 days from the withdrawal date, the College shall calculate the amount to return to the Title IV programs.

Only the return of Title IV funds made by the College from the institutional charges, including tuition, fees and books shall be adjusted in the student's account, and the student will be billed for the outstanding institutional charges. The student's records will be placed on hold. The student is notified of amounts owed the College and U. S. Department of Education at this time.

The College shall allow 45 days for the student to make this repayment. If repayment is not made within this time frame, the student shall be reported to the U. S. Department of Education and National Student

Loan Data System as having received an overpayment of Title IV funds. This overpayment will make the student ineligible to receive further Title IV funds at any institution until the repayment is made.

The Return to Title IV process in the Temple College student information system will be used to perform all Return to Title IV calculations. A listing of students who have completely withdrawn from the institution will be run bi-weekly throughout the semester. The withdrawal date will be what is recorded in the student's record.

Refunds to SFA recipients must be distributed in the following order:

1. Unsubsidized Federal Stafford Loans
2. Subsidized Federal Stafford Loans
3. Unsubsidized Federal Direct Stafford Loans
4. Subsidized Federal Direct Stafford Loans
5. Federal Perkins Loans
6. Federal PLUS Loans
7. Federal Direct PLUS Loans
8. Federal Pell Grants
9. FSEOGs
10. Academic Competitiveness Grant (ACG)
11. Other SFA Programs
12. Other federal, state, private, or institutional sources of aid
13. The student

STUDENT LOANS

The Financial Aid office will also assist the student in securing a Direct Loan through the William. D. Ford Direct Loan Program. Appropriate application is made through the Direct Loan website www.StudentLoans.gov. Students and parents applying for Direct Loans are subject to the general eligibility requirements that apply to all Federal Student Aid (FSA) programs.

DEFAULT STUDENT LOANS

Student(s) in default on a federal student loan will be placed on HOLD. The HOLD will prevent students from receiving any records from Temple College. Student(s) records will be released when the student(s) has met the lender arrangements. Student(s) will need to request the lender to provide a statement that the student(s) has made a minimum of six consecutive months of on-time voluntary payments.

REINSTATEMENT OF TITLE IV

Student(s) in default on a loan, must make satisfactory repayment arrangements and make six consecutive, on-time, full, voluntary monthly payments to the holder of the defaulted loan before they will be eligible for additional federal student aid. After the qualifications are met, the lender or Texas Guaranteed (TG) should send appropriate notification to Temple College upon the student's request.

DISCHARGE OF A PRIOR LOAN DUE TO TOTAL AND PERMANENT DISABILITY

A borrower who has received a discharge of a prior loan due to conditional or final determination that the borrower is totally and permanently disabled must do all of the following to be eligible to receive a new Direct Loan or PLUS loan at Temple College:

- Obtain a physician's statement certifying that the borrower may now engage in "substantial gainful activity." For these purposes, "substantial gainful activity" is defined as the ability to work and earn money.
- Sign a statement acknowledging that any new loan the borrower receives may not be discharged due to the same or any disability existing at the time the new loan is made, unless the disabling condition substantially deteriorates to the extent that the definition of total and permanent disability is met.
- Sign a statement acknowledging that collection activity will resume on any loans in a conditional discharge period.

INSTITUTIONAL SHORT TERM LOANS

The Johnny S. Payne short-term loan fund is available at Temple College for students' use in emergency situations involving tuition and fees where other funds have been approved but not received prior to registration periods. The Financial Aid office will provide the necessary application forms for this purpose. Preference is given to returning students who have obtained a satisfactory academic record.

The Hamrick-Harris short-term loan fund is available at Temple College for students' use in emergency situations involving tuition and fees where other funds have been approved but not received prior to registration periods. The Financial Aid office will provide the necessary application forms for this purpose.

Preference is given to returning students who have obtained a satisfactory academic record.

The American Legion Loan fund is available at TC for students who are having difficulty in purchasing books. Preference will be given to students whose financial aid has been approved but not completed.

A need-based, short-term loan has been established by Mrs. Viola Dawns Hunter for African American students. Students must maintain a C average. Loan applies to books only. See Student Enrollment Services for information on other assistance programs.

FINANCIAL AID SATISFACTORY ACADEMIC PROGRESS

Students are required to be making satisfactory academic progress at the time they receive federal and state financial aid. All recipients of financial aid must be enrolled in a program of study leading to an associate degree, a TC certificate, or transferable toward a baccalaureate degree. The assessment will be made regardless of the number of semesters attended or the number of hours attempted during the year and will include transfer credit hours.

Grades of A,B,C,D,F,CE,CA,CR,W,X, XF and I are considered hours attempted. Drops, withdrawals, and course repeats are counted as hours attempted as well. All course work attemptee is considered when determining satisfactory academic progress regardless of whether the student previously received financial aid.

Students must meet minimum satisfactory academic progress standards in order to maintain eligibility for Title IV funds. These satisfactory academic progress standards apply to all students, including transfer students and students who did not previously receive financial aid. To make satisfactory academic progress, a student must:

1. Complete a degree or certificate program within a maximum time frame.
2. Maintain a minimum cumulative grade point average (GPA); and
3. Pass a minimum percentage of all courses attempted (Completion Rate);

SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS FOR ASSOCIATE DEGREE AND CERTIFICATE STUDENTS

Quantitative Standard (Maximum Time Frame for Eligibility)

Students must complete an associate degree or certificate program within a certain time frame. Federal regulations allow a maximum time frame of 150% of the number of credits needed to complete either an associate degree or certificate. Example: A student working toward an A.A. degree needs 64 hours to graduate. Once that student completes 96 hours (64 hours x 1.5), he/she is no longer eligible to receive financial aid. This time frame is effective for all students, even those, that have not previously received financial aid. The 150% rule applies to all classes attempted by the student, including vocational, developmental remedial course work and transfer hours. Once a student earns an associate degree or certificate from Temple College, he/she is no longer eligible to participate in financial aid programs without appeal. Students who have attempted less than the 150% of course work at the beginning of a given semester may receive an award for that semester. Students who have attempted more than the 150% of course work will not be eligible to receive federal or state financial aid without appeal.

Grade Point Average for Associate Degree and Certificate Students

The Financial Aid office evaluates satisfactory academic progress at the end of each semester. All students receiving financial aid must maintain a 2.0 cumulative grade point average on all college level credit hours earned at TC to remain eligible for financial aid.

Completion Rate for Associate Degree and Certificate Students

Students receiving financial aid must successfully complete 75% of all hours completed at TC.

FINANCIAL AID PROBATION

A student who does not meet the satisfactory academic progress criteria will be placed on financial aid probation. If the student does not meet the minimum satisfactory academic progress criteria at the end of his/her probationary period, the student will be suspended from receiving financial aid.

Note: Students not meeting criteria who are placed on financial aid probation shall be sent an email informing them that they need to improve their GPA and/or completion rate or they will lose their eligibility for financial aid for the next semester.

FINANCIAL AID SUSPENSION

Students placed on financial aid suspension, although they may continue to enroll at the College, must pay for their own expenses.

Note: Students not meeting criteria who are placed on financial aid suspension shall be sent an email informing them they are no longer eligible to receive Financial Aid at Temple College and must pay for their own expenses for the next semester. An email link is also provided to the appropriate appeal form on the Financial Aid webpage.

FINANCIAL AID SUSPENSION APPEAL PROCESS

A student who has been denied financial aid for failure to meet the satisfactory academic progress requirements outlined in this policy may appeal by completing an appeal form, explaining mitigating circumstances, and providing the documentation to support their claim. Appeal forms are available on the Financial Aid webpage or in the Financial Aid office. Forms must be completed and returned to the Financial Aid office by the appropriate deadlines listed below.

Reasons for Appeal

A student may file an appeal for the following reasons:

- Medical condition or death in the family was a factor in the student not making satisfactory academic progress
- Maximum time limit has been met because a change of major caused the student to exceed maximum time frame limit.

Documentation Required for Appeal

Documentation such as that listed below is required. The documentation must provide proof of the claim being made and originate from a verifiable source. Examples of proper documents might include verification from a doctor, a copy of a death certificate, letters from instructors, counselors, or others to support the appeal request or other verifiable documentation that substantiates the student's claim.

The financial aid appeals committee shall evaluate individual mitigating circumstances and will notify students by email of the decision regarding their appeal within three weeks of receiving the appeal.

FINANCIAL AID APPEAL DEADLINES

Fall 2011 – August 19

Spring 2012 – January 6

Summer 2012 – May 25

Students may appeal to the Director of Financial Aid if they feel that they have not been treated fairly according to this policy. This appeal must be completed within 10 days of receiving notification of the decision denying the original appeal.

Exceptions to this policy may be made at the discretion of the Director of Financial Aid. All awards from financial aid programs funded by the federal or state government are administered according to laws and regulations governing those programs. This policy is subject to change as required by federal or state guidelines and/or by the College.

THE FINANCIAL AID OFFICE SEIZES EVERY OPPORTUNITY TO MAKE AVAILABLE THE SATISFACTORY ACADEMIC PROGRESS POLICY. THEREFORE, THE POSITION THAT ONE WAS NOT AWARE OF THE POLICY IS NOT CONSIDERED A DEFENSIBLE ARGUMENT. PLEASE CONTACT THE FINANCIAL AID OFFICE WITH

ANY QUESTIONS REGARDING THE POLICY.

Note: There is a limit of 27 semester hours of developmental course work for any individual student. Developmental hours attempted beyond this 27 hour limit will not be included in course load for payment purposes. Repeated courses shall not be included in determining course load unless the course(s) being repeated is (are) required and/or will produce additional college credit hours to achieve the student's educational objective.

SCHOLARSHIPS

Temple College offers the following scholarships to students who excel in certain areas:

<i>Area</i>	<i>Contact</i>
Music	Music Department
Tennis	Tennis Coach
Basketball	Basketball Coaches
Baseball	Baseball Coach
Softball	Softball Coach
Volleyball	Volleyball Coach
Art	Art Department

DONOR SCHOLARSHIPS

An impressive number of local organizations, businesses, and individuals provide scholarships to worthy students. Listed below are those awards. See the Financial Aid webpage for further information and application details. The following scholarships are available to students attending TC:

The **Altrusa Club International of Temple** awards a scholarship for one year at Temple College to a high school senior or a college freshman. The award is based on worthiness and general academic achievement.

The **Ann Chamlee Endowed Music Scholarship** was established in memory of Ann Chamlee, retired in 2008 after many years of service in the Temple College Music Department. The Fine Arts faculty selects the recipient of the scholarship.

The **Auxiliary to the Central Texas Dental Society** offers a scholarship to a Temple College Dental Hygiene student. Applicants must have successfully completed the first year of the dental hygiene program, maintained a 3.0 GPA, and exhibit financial need.

The **Bell County Medical Society and Auxiliary** offers several scholarships to Bell County high school graduates or Temple College freshmen majoring in various categories of medicine, nursing, or health related fields. The awards are based on general excellence.

The **Betty Ann Macey Memorial Scholarship** is awarded to a TC student through the Ralph Wilson Youth Clubs of Temple.

The **Bill Vannatta Endowment Scholarship** was set-up to be awarded to a "strong math student" referencing courses taken and grades achieved.

The **Callaway Foundation Scholarship** has been established in memory of J.L. and Bonnelle Callaway. Scholarships are awarded through C.H. Yoe High School.

The **Cameron Lions Club** selects a Yoe High School senior to receive a scholarship each year. Students from Cameron should contact the Senior Counselor of Yoe High School.

The **C.E. Fikes (CEFCO) Endowed Scholarship** was established by James R. and Kim Fikes in honor of Mr. C.E. Fikes, a long-time Central Texas businessman and founder of CEFCO Convenience Stores. Preference will be given to students employed by: Fikes Wholesale, Inc., CEFCO Convenience Stores, Group Petroleum Services, Sunbelt Ice, Fleet Fuel, Cord Financials Services, or JF Air Traffic, Inc. Second preference will be given to a student who is a child or grandchild of an employee of the same listed companies. Third preference will be given to a student working toward an associates degree in business including accounting, marketing, management, human resources, or IT. The recipient must be a full-time student maintaining a minimum 3.0 GPA.

The **Celia and Nathan Neman Developmental Memorial Endowed Scholarship** was established in memory of the parents of Sol Neman. Scholarships are to assist full time students entering the university with a declared engineering major who have a 3.0 GPA and demonstrate financial need.

Preference is given to students residing in Bell County.

The **City Federation of Women's Clubs of Temple** offers a scholarship to a Temple College student who plans to continue college work in a recognized four-year college or university. This scholarship is based on character, academic attainment and worthiness.

The **Constance McQueen Memorial Scholarship** was established in memory of Constance McQueen by her husband, Clyde McQueen. The student must be a full-time student, must be PELL eligible, and must maintain a 2.0 GPA.

The **Donna Calvert English Scholarship** has been established in memory of Donna Calvert, a dedicated English instructor at TC for many years. Recipient is to be a strong English major who exhibits financial need and maintains a 3.0 GPA.

The **Douglas Ferrill Scholarship** shall be awarded to a student who has demonstrated an interest in math, engineering, or teaching.

The **Dr. Byron G. McKibben Nursing (ADN) Endowed Scholarship** is awarded to a full time ADN student who is at least 18 years of age and maintains a 2.5 GPA.

The **Dr. George R. Kress Scholarship** for music and fine arts or health science majors. Recipients must be full-time students and maintain a 3.0 GPA with plans to transfer to a university.

The **Dr. Harry B. Macey, Jr. Endowed Scholarship** was established in honor of Dr. Harry B. Macey, Jr.'s many contributions to Temple College and Temple College Foundation. Recipient must be majoring in a health care professions field, must be a full-time student, must be PELL eligible and must maintain a 3.0 GPA.

The **Dr. Ralph Wilson, Jr. & Sharon Marie Wilson Endowed Scholarship Fund** was established through a trust upon the passing of Dr. Ralph Wilson, Jr. Dr. Wilson was a highly successful local businessman who was renowned for his kindness and generosity in life. He had a tremendous philanthropic spirit and supported Temple College in many areas, including the Jean and Ralph Wilson Dental Hygiene Clinic which was dedicated in 2004. Applicant must have verifiable financial need and maintain a 2.5 GPA.

The **Ed Morgan Memorial Endowed Scholarship** was established by students and faculty with the help of the Morgan family after Dr. Morgan, a beloved science professor, lost his battle with cancer. Recipients must be enrolled in the Science department or the ADN nursing program, maintain a 3.0 GPA, demonstrate financial need, and exhibit potential and determination in their academic studies.

The **Elizabeth Blakely Jackson Scholarship** has been established by the John A. Jackson family. The scholarship is awarded to a student with a 2.5 GPA and an interest in sports or physical education.

Eva Marie and Jim Trantum Scholarship is available to graduating seniors from Temple, Belton, and Gatesville. Must maintain a 2.0 GPA. Selection made by the high school and Temple College.

The **Four Winds Intertribal Society Scholarship** is awarded to an applicant of American Indian descent. Preference will be given to students who meet the required documentation in the following order: 1) member of a Federal Reorganized Tribe (have nation card and CDIB card); 2) carded member of a State recognized tribe, card of tribal recognition (any tribe); or 3) be of native American Genealogical descent. Applicants must be enrolled in at least six semester hours, must maintain at least a 2.5 GPA, and demonstrate financial need.

First National Bank of Temple has established an annual \$1500 per year scholarship for banking, business, or business technology majors. Students must maintain a 2.5 GPA. Applications are available on the Financial Aid web site.

The **G.V. Brindley, Jr., M.D. Scholarship** for Health Care Professions scholarship was established in memory of Dr. G.V. Brindley, Jr. by Temple College Foundation in recognition of the lasting contribution that he made to the Temple community and to the health care professions. The scholarship is awarded to health care professions majors.

As the Foundation's affinity partner, Geico has established the **Geico Endowed Scholarship** to benefit a freshman student at TC who demonstrates financial need.

The **Gina MacDougall Memorial Scholarship** is available for students age 17 or older who have passed the TC entrance assessment test. Applicants must be full-time students pursuing a degree in early childhood education, child development, or special or elementary education. Students must maintain a 2.5 GPA and exhibit financial need.

The **H. C. and Mary Farrell Scholarship** provides financial assistance to full time students participating in the performing arts department who maintain a 3.0 and demonstrate financial need . This scholarship was established and endowed by Dr. and Mrs. H. C. Farrell, Jr.

The **Hal Ward Business/Management Endowed Scholarship** was established by John D. Ward in tribute to his brother, Hal Ward who retired from Temple College in 2009 after 40 plus years of service. The applicant must be a Business/Management major, demonstrate financial need, be enrolled in at least 12 semester hours, and maintain a GPA of at least 2.5.

The **Hubert L. "Pinky" and Waldean D. Linder Endowed Scholarship** is awarded to students who have financial need and who show promise. Mr. and Mrs. Linder did not have any children of their own and because of their love for children, they wished to help young people to further their education.

The **Jack and Wanda Weinblatt Scholarship** has been established for City of Temple Firefighters and families. Students may use funds for tuition, fees, and books.

The **Janicek Memorial Scholarship** provides financial assistance to a full-time Temple College student who maintains a 2.5 GPA.

The **JELD-WEN Foundation** has established a one-year scholarship to needy students. The scholarship is the amount of \$800 per year. Students must be entering freshmen and must be from the community in which a JELD-WEN facility is located.

The **John Allen Cox Memorial Art Scholarship** was established after his death on April 24, 2001, and later endowed by his wife, Louise Cox, a long-time employee of Temple College. The recipient is selected by the Chairman of the Visual Arts Department and a member of the Visual Arts Faculty, with assistance from the Temple College Foundation.

The **John W. Lumpkin Memorial Scholarship** provides a scholarship sponsored by Dr. and Mrs. Walter L. Lumpkin. The recipient must possess an interest in instrumental music, voice, or music education. In addition, the recipient must possess academic potential and maintain a 3.0 GPA.

An endowed scholarship has been established in the name of **Kiwanis Club Of Temple Project Foundation, Inc.** to provide scholarships for Temple College students and those eligible to attend Temple College. Students must be enrolled full time. Preference will be given to students enrolled in educational entities within the borders of the City of Temple (to include Temple High School, Private Schools, Home Schools, etc.)

The **Linda Green Knight Scholarship Fund** was established by Mr. Barney Knight in celebration of his wife's, Linda Green Knight's, birthday. The recipient must be enrolled in 12 semester hours and must maintain an average grade of C. Recipients must be a graduate from Rogers ISD, Holland ISD, Bartlett ISD, Academy ISD, Salado ISD, Belton ISD, Temple ISD or Troy ISD.

The **Lions Club of Temple** gives annually a scholarship to a first-year college student. This award is based on scholarship with emphasis given in the field of athletics.

The **Louisa Mehaffey Scholarship** was established in honor of Mrs. Mehaffey, a retired member of the Temple College Language Faculty. It is awarded annually to a returning Temple College student who has demonstrated outstanding quality in scholarship, citizenship, and leadership.

The **Louise L. Cox Memorial Scholarship** honors one of Temple College's most revered employees. Louise L. Cox worked at Temple College for forty-six years. During that time, she served as Assistant to three College Presidents and also served as Executive Secretary to the Board of Trustees. She dedicated her professional life to Temple College as a loyal employee, supporter of education, and friend. The scholarship is for a student who is enrolled in business-related classes. The student must be a full-time student and maintain a 2.5 GPA. Incoming freshman must have an over-all 2.5 GPA.

The **Margaret "Maggie" Ward Memorial Art Scholarship** was established by the family and friends of Temple College student Maggie Ward. This scholarship is based on financial need and/or achievement

and is awarded annually to a deserving art major.

The **Marguerite and Jack Calvert Scholarship** is available for students age 17 or older. Applicants must be full-time students, demonstrate financial need and must maintain a 2.5 GPA. Preference will be given to an athletic student.

The **Marie S. and Jerry Adamek Memorial Scholarship** provides a scholarship to a full-time TC student who resides in the Temple College District. Applicants must be pursuing a degree in Business/Business Education, must maintain a 2.5 GPA as a freshman and a 2.7 GPA as a sophomore, and demonstrate financial need.

The **Marie Wilkerson Endowed Scholarship** was established by Larry Wilkerson in memory of his wife, Marie Wilkerson. Mrs. Wilkerson was an accomplished business woman in the Temple community. The recipient must be enrolled in the LVN program with a minimum of six semester hours, maintain a 3.0 GPA, and show verifiable financial need.

The **Marjorie Ferrill Scholarship**, in honor of Douglas Ferrill's present wife, Marjorie Ferrill, shall be awarded to a student deserving of such assistance.

The **Martin Group Nursing Scholarships** were established by the Dell Martin Family. Students must be enrolled in the ADN Nursing Program, show verifiable financial need, and maintain at least a 2.0 GPA.

The **Mary Alice Marshall Music Scholarship** was established in May 1973, by members and friends of the Temple College Choir. The scholarship, in honor of Mrs. Marshall's 18 years of teaching at Temple College, assists a student who exhibits an interest and talent in music and participates in the College Choir. A committee composed of the Chairman of the Music Department and two additional members of the Music Faculty selects the recipient.

The John A. Jackson family has established a scholarship in honor of **Mr. O. A. Graeter, Sr.** The scholarship is awarded to an honor graduate with vocational and/or science interest.

The John A. Jackson family has established a scholarship in honor of **Mrs. O. A. Graeter, Sr.** The scholarship is awarded to an honor graduate with interest in speech.

An endowed scholarship has been established in the name of **Nadine Kinchen Benoit**, who was a registered nurse. Students must be in the ADN Program, resident of Bell County, and maintain 3.0 GPA.

Nigliazzo Memorial Scholarship established in memory of Dr. Marc Nigliazzo's mother, Salvatora Nigliazzo. Recipient selected by Dr. Nigliazzo, Temple College Foundation, and Financial Aid Office. Based on special needs.

The **Review Club** offers annually a scholarship to either a first-year college student or a high school graduate. This scholarship is awarded on general excellence and accomplishment.

The **Rose Brasher Lindley Endowed Scholarship** has been established by her niece, Rose Anne Brasher. Student(s) must be enrolled in the Associate of Arts Degree program, must maintain a 2.5 GPA with no failing grades, enrolled full time (12 hours) and have earned a high school diploma.

The **Rosemary B. Hauser Scholarship** was established to honor the years of service Rosemary gave to the Foundation as the Executive Director. Recipients must be enrolled in a fine arts program and maintain a GPA of 2.5 or higher.

The **Rotary Club of Temple** gives scholarships annually. The scholarships are open to freshmen men and women who plan to return to Temple College the next year.

The **Rusty Morales Memorial Scholarship** was established for the son of Judy Morales-Steinheimer and Michael Steinheimer. It is awarded to a student who exhibits financial need, and has received special education or is eligible for DAR services. It can be awarded for dual credit students, developmental classes, or any other course offered by Temple College.

The **Ruth Ferrill Scholarship**, in honor of Douglas Ferrill's late wife, Ruth Ferrill, shall be awarded to a graduate of Temple High School who has demonstrated an interest in teaching or business.

The **Scott and White Memorial Auxiliary (Yellow Birds) Scholarships** are awarded to students interested in pursuing a career in a health-related or medically related field. These scholarships are based on financial

need and academic potential.

TEDC/Charles H. Page III Memorial Scholarship is available to students pursuing a degree in Management/Business or the owner of a small business. Students must maintain a 2.5 GPA.

Temple College offers a scholarship to each high school Valedictorian and Salutatorian in the Central Texas area. These scholarships pay tuition and fees and are good only for the year following their graduation from high school.

The **Temple Jaycees Scholarship** was established by the Jaycees of Temple to assist students at Temple College who exhibited financial need.

In memory of **Tom Forkner**, the Tom Forkner Scholarship Fund is designed to provide future deserving nursing students with scholarship aid. Recipients must be full time returning students in the LVN program who have demonstrated financial need.

The **Travis Edward Ramsey Endowed Scholarship** has been established in memory of Travis Edward Ramsey. The scholarship is limited to student(s) who are either in the Surgical Technology program or the ADN program with a preference given to Surgical Technology Majors. The recipient must maintain a 2.5 GPA. Applicant must submit a short essay 50 to 150 word describing their beliefs on how they can contribute to surgical patient care.

The **Virgil and Fay Chaffin Memorial Scholarship** was established in memory of Virgil and Fay Chaffin, both of whom attended TC and later received degrees in Education. Recipients must be full time students.

The **Virginia Creech Scholarship** for Creative Writing is awarded in the name of Virginia Creech to a student who is interested in poetry and pursuing creative writing.

The **Virginia Katherine Denson-Dickson Scholarship** has been established by Dr. Weldon G. Cannon, former Temple College history professor and Ms. Patricia Benoit. Recipients must be enrolled in the Associate of Arts degree in Teaching (AAT) program. They must be a resident of Bell or adjoining counties including: Milam, Williamson, Falls, McLennan, Coryell, Lampasas, and Burnet. A 3.0 GPA is required.

Weldon G. Cannon Teaching Scholarship has been established by Dr. Weldon G. Cannon, former Temple College history professor and Ms. Patricia Benoit. Recipients must be enrolled in the Associate of Arts degree in Teaching (AAT) program. They must be a resident of Bell or adjoining counties including: Milam, Williamson, Falls, McLennan, Coryell, Lampasas, and Burnet. A 3.0 GPA is required.

The **William Floyd Tippit Criminal Justice Scholarship** was established in his memory by his family. The scholarship is awarded yearly to a criminal justice major by the Criminal Justice Department.

The **William J. Matush Endowed Scholarship** has been established in memory of his parents, Frank and Janie Matush. Criteria for the scholarship includes applicant must be of Czech heritage (descendants of Czech families, partial Czech heritage is acceptable), applicant(s) must be enrolled in an Associates degree program, must enroll full time (12 hours) and recipients must meet the minimum GPA required for graduation (2.0 GPA).

The **Winston L. Liles Scholarship** was established by family and friends in memory of Winston L. Liles. The scholarship is awarded to a returning sophomore at Temple College. Recipients must maintain a 3.0 GPA and demonstrate financial need.

The **Woodrow W. and Bernice Pausewang Endowment** was established by Marjorie Ferrill in honor of her aunt and uncle. The student must be enrolled in the Associate of Arts/Science Degree program, must be a graduate of Holland High School and must maintain a 2.5 GPA.

The **Wynne T. and Mae Danforth Scholarship** was established by Dr. Robert J. and Lajuana D. Carabasi. Recipients must be majoring in either a fine arts discipline or in a health care discipline. The recipient must demonstrate financial need, must be a full-time student and must maintain at least a 2.5 GPA.

Local organizations and civic groups have awarded the following scholarships to students in and around the area:

AMERICAN BUSINESS WOMEN'S ASSOCIATION - CHISHOLM TRAIL
 ASSOCIATE DEGREE NURSING SCHOLARSHIP
 BELTON HIGH SCHOOL
 BELTON ROTARY CLUB
 BOLDING HISPANIC SCHOLARSHIP
 BUCKHOLTS BOOSTER CLUB
 BUCKHOLTS LIONS CLUB
 CAMERON ARTS AND SERVICES
 CAMERON ROTARY CLUB
 CAMERON VFW
 CHICK-FIL-A
 CITIZENS SCHOLARSHIP FOUNDATION
 CREAL/KENNEDY NURSING
 EBONY CULTURE SOCIETY
 ELK LODGE/ORDER OF DOES
 FORT HOOD MILITARY FAMILY
 FOUNDATION OF BOWLING
 ANGELICA GANDARA SCHOLARSHIP
 G. L. POWELL
 H. E. B. GROCERY SCHOLARSHIPS
 HERO SCHOLARSHIP
 HISPANIC SAMARITAN
 HISPANIC LEADERSHIP COUNCIL
 HUGG TRUST FUND
 JARRELL INDEPENDENT SCHOOL
 KING'S DAUGHTERS NURSING
 KNIGHTS OF COLUMBUS
 LADIES BELL POST-VFW 1820
 NAACP
 JANET PERRY SCHOLARSHIP
 PROJECT GRADUATION
 RALPH WILSON PLASTICS
 ROGERS PTO
 ROSEBUD-LOTT BOOSTER CLUB
 RUBY ARNETT SCHOLARSHIP
 S.P.J.S.T.
 SALADO ISD
 SCOTT AND WHITE LVN TRAINING
 SOUTHWESTERN BELL
 TEMPLE AMATEUR RADIO
 TEMPLE BELL RETIRED TEACHERS
 TEMPLE COLLEGE FOUNDATION
 TEMPLE EDUCATION FOUNDATION
 TEMPLE HIGH SCHOOL OFFICE EDUCATION ASSOCIATION
 TEMPLE HIGH SCHOOL PTO
 TEMPLE HOUSING AUTHORITY
 TEMPLE SOUTH ROTARY
 TEMPLE SUNRISE ROTARY CLUB
 TEMPLE VA WOMEN'S CLUB
 TEMPLE WILDCAT CADDIE
 TISD FOOD SERVICE ASSOCIATION
 TISD MINORITY SCHOLARSHIP
 TROY EX-STUDENTS
 TROY PTA
 WAL MART FOUNDATION
 YOEMAN BAND BOOSTER
 YOEMAN BOOSTER CLUB

VETERANS' BENEFITS

All college credit curricula of Temple College have been approved for veterans training. Applicants should secure the proper VA application form from the VA office at Temple College, the nearest VA Regional office, or online at www.va.gov. Students are required to fill out a Request for Certification, in writing, for each semester of eligible school attendance.

Returning veterans who wish to receive continuous benefits (paid through the semester breaks) **MUST** submit their request for VA Certification at least 30 days prior to the beginning of the next term. They must also be registered for the subsequent term.

A program of education will consist of a combination of subjects or courses pursued at a school which is generally acceptable to meet requirements for a predetermined educational, vocational, or professional objective. Veterans or eligible persons may not be paid for courses that are not required for their programs of education and may not continue taking courses once his or her objective has been reached without filing for a change of program. For example, a veteran who has received an associate degree may not continue taking courses at a junior college unless a change of programs is submitted.

Veterans or eligible persons may not be paid educational assistance for courses already completed satisfactorily.

VETERANS' SATISFACTORY PROGRESS

Students are required to be making satisfactory academic progress at the time they request veterans' benefits. All students requesting benefits must be following a degree or certificate plan. The VA will NOT pay for course work not on a student's degree or certificate plan. Satisfactory progress will be measured at mid-semester and at the end of every semester (spring, summer, and fall.) Veterans who are placed on scholastic suspension will be reported as "unsatisfactory progress," will have their veterans' folder flagged as academic dismissals and will not be re-certified at any subsequent semester of enrollment. The veteran student who is on suspension must comply with VA guidelines for satisfactory progress before reinstatement of their VA benefits will be approved.

Grades of A, B, C, D, R, CE, CA, CR, and I are considered hours completed. The VA office will only pay students with these letter grades once, regardless of the college attended at the time of course work. If a student has credit for a course, or has a passing grade in a course ('D' or above), the VA will not pay for the student to re-take the course, even if the student did not use the Montgomery GI Bill during the semester the course was taken. Students repeating a course in which a failing grade (F) was previously received will only be certified to take the course one additional time at the expense of Veterans Affairs. (The VA office in Muskogee, OK reserves the right to evaluate each student's academic appeal on a case-by-case basis.)

SATISFACTORY PROGRESS CRITERIA

Temple College evaluates student satisfactory progress on the basis of a student's cumulative grade point average (GPA). Students receiving veterans' benefits must maintain a 2.0 cumulative grade point average in order to remain eligible for their benefits.

VA ACADEMIC PROBATION

A student who does not meet the Satisfactory Academic Progress criteria will be placed on academic probation. If the student does not meet the minimum Satisfactory Academic Progress criteria at the end of his/her probationary period, the student will be suspended from receiving veterans' benefits.

VA ACADEMIC SUSPENSION

Students placed on VA academic suspension, although they may continue to enroll at the College, will not be certified for VA benefits until they have met the Satisfactory Academic Progress.

REINSTATEMENT OF ELIGIBILITY

VA eligibility will be reinstated after a student meets the Satisfactory Academic Progress criteria. Once a student has attained the required 2.0 GPA, Temple College will then certify the student for VA benefits beginning the semester after the GPA was achieved.

VA SUSPENSION APPEAL PROCESS**Reasons for Appeal:**

Exceptions or special circumstances may be considered by the VA certifying official. Information, which may be considered for an appeal, may include, but is not limited to, unusual circumstances such as extended medical confinement, the death of a relative of the student, or divorce of parents or spouse.

Documentation Required for Appeal:

- Documentation such as that listed below is required, must document the claim being made, and originate from a verifiable source;
- Verification from a doctor, copy of, death certificate, or other verifiable documentation that substantiates the student's claim.
- Letters from instructors, counselors, or others to support the appeal request.

A student who has been denied veterans' benefits for failure to meet the satisfactory progress requirements outlined in this policy may appeal by completing an appeal form, explaining mitigating circumstances, and providing the documentation to support their claim. The VA Certifying official shall evaluate individual mitigating circumstances and will notify students of the decision regarding their appeal within three weeks.

Students may appeal the decision of the VA Certifying official to the appeals committee. The VA Certifying official must receive this written appeal before the following deadlines:

August 20 for Fall - 2011, January 10 for Spring - 2012, and May 20 for Summer - 2012.

If the deadline falls on a holiday or a weekend, the deadline date will be extended to the next business day.

Exceptions to this policy may be made at the discretion of the VA Certifying Official. This policy is subject to change as required by the Veterans' Affairs Office in Muskogee, OK and/or by Temple College.

VETERANS ATTENDING TEMPLE COLLEGE UNDER THE HAZELWOOD ACT

The applicant must comply with the provisions of Article 2654-b-1, Chapter 9a, Title 49, Vernon Statutes, 1936, and amendments thereto. Basically, the applicant must meet the following qualifications to be eligible for the Hazelwood Act:

1. Citizen of Texas when entered service.
2. At least 180 days active military duty, excluding training.
3. Less than 150 credit hours on Hazelwood since fall 1995.
4. Cannot be in default on a student loan.
5. Honorable discharge or general discharge under honorable conditions.
6. Limited federal education benefits. Any federal educational benefits such as Pell and SEOG must be counted before Hazelwood is awarded.

The applicant must complete an application to attend Temple College under the Hazelwood Act with the Director of Admissions and Records and see a financial aid representative no later than the last date set for registration.

The applicant shall not be eligible under this application:

- a. For enrollment in courses requiring individual instruction, and for which an additional tuition is charged.

- b. For auditing of any courses
 - c. From exemption of fees, such as lab, student use, registration, etc.
- The applicant shall be governed by catalog regulations regarding attendance, quality of work, and seriousness of purpose

Military Spouse Career Advancement Accounts (MyCAA)

Spouses of active duty military members receive up to \$6,000 of MyCAA Financial Assistance (FA) that can help them pursue education, training, licenses, certificates and degrees leading to employment.

The student must submit a request for approval online at <https://aiportal.acc.af.mil/mycaa/default.aspx>.

Eligible spouses must elect TC as their school of choice and register for classes at TC before completion of approval.

New Combat Exemption Program

Program Purpose: To provide an education benefit to a child of an active-duty military member who is deployed to active duty in a combat zone outside the United States.

Eligibility Requirements

Dependent child or stepchild who:

- Is a Texas resident or is entitled to pay resident tuition.
- Has a parent who is a member of the U.S. Armed Forces.
- Is enrolled for any semester or other academic term during which the service member of the armed forces is deployed on active duty for the engaging in a combative military operation outside of the United States.

Award Amount

The exemption covers the student's tuition only.

Deployment orders must be brought to the Veterans Affairs office at TC.



ADVISING SERVICES

ACADEMIC ADVISING

Our mission is to create a relationship of shared responsibilities between staff, faculty and students through integration of social, educational and career plans. Students are empowered to take charge of their education through realistic self evaluation.

Academic advising services are available to help students make decisions and to promote their success and well-being. Services include career counseling, educational planning, transfer advising, and preliminary degree audits. Educational planning includes assisting students in deciding on a college major and providing course scheduling advice. Referral services for personal counseling are also available.

Advisors provide information on Texas Success Initiative requirements and advise students on appropriate options. Advisors use a variety of tools to locate information on majors and careers, including reference materials and the Internet.

Students who plan to transfer to a senior college or university to complete a bachelor's degree will work in collaboration with advisors to determine the steps necessary for transfer.

COLLEGE SUCCESS SEMINAR

The Student Enrollment Services Division offers an evening in July for family and prospective students and first time students called Family and Student Orientation. The Leopard Success Seminar is offered each August before the fall semester for new students. This seminar provides an orientation to college as well as numerous college success techniques.

SELF-HELP MATERIALS

A wide variety of college catalogs, pamphlets, brochures, and handouts are available for students.

CONFIDENTIALITY

Because advising and counseling are personal matters, the Advising office maintains confidentiality to the limits provided by the Family Education Rights Privacy Act (FERPA).

COST

There are no costs to the student for academic advising services. A fee is charged for certain tests typically used in conjunction with career exploration.

Staff members will consult with and develop specific programs or presentations for faculty, campus organizations, and the campus community.

STUDENT RESPONSIBILITY

Bring the following with you when you meet with an advisor:

1. Tentative schedule including alternate class choices.
2. Your current class schedule.
3. If you plan to transfer, the CURRENT CATALOG of the college to which you intend to transfer or degree plan you seek.
4. If this is your first semester at Temple College, copies of any other college transcripts.

STUDENT SUCCESS DIVISION

Not college ready? The Student Success Division is available to help students who are not qualified to take college credit classes prepare for college level work. In addition, the Student Success Division offers GED and ESL classes as well as several academic support services for students taking credit and non credit classes. The services outlined below are offered through the Student Success Division and are free to Temple College learners.

DEVELOPMENTAL COURSE OFFERINGS

The Developmental Program's mission is to help students make a successful transition from developmental English, Mathematics, Reading and Study Skills courses to credit courses by requiring skills assessment in which students demonstrate appropriate skills for each level of developmental classes before transitioning to core courses. Students who have not met the minimum requirements for enrolling in college credit courses as specified by the Texas Success Initiative (TSI) may be required to take developmental courses. The Temple College TSI Plan states that students who are dropped from a required developmental course may be dropped from all courses in which the student is registered during the semester the drop occurred.

EDUCATIONAL ASSISTANCE CENTER (EAC)

The Educational Assistance Center offers a self-paced, individualized program that addresses the specific academic needs of students entering college. The center provides evaluation of college readiness and a variety of instructional options in order to address the different learning styles of students. Instructors and tutors are available to assist students and prospective students in improving basic reading, math, writing and study skills needed to do college level work. Preparation for college placement testing, allied health and nursing entrance testing is also provided. Services and adaptive technology are available to assist students with specific learning or physical disabilities.

ADULT BASIC EDUCATION (ABE) AND GED PREPARATION

The mission of Adult Basic Education and GED Preparation Program is to prepare students with the knowledge and skills to successfully take the GED exam. Students will receive skills in communication, information processing, critical thinking and reading, and problem solving. Emphasis is also placed on students entering the workplace or continuing in higher education.

ENGLISH AS A SECOND LANGUAGE (ESL) FOR ADULTS

ESL for Adults is a program where adults learning English as a Second Language can improve their English communication skills with help from instructors and community volunteers. Classes focus on different language skills depending on student's English abilities, interests, and needs. The ESL program focuses on conversational English, grammar, reading, listening, comprehension, writing and vocabulary. ESL students enjoy small class sizes and a personalized approach to learning. This program is not only an opportunity for language learning, but also for cultural exchange and understanding. For more information regarding these services please call: 254-298-8620 or 254-298-8649.

MATH TUTORING LAB

The Temple College Math Tutoring Lab is dedicated to providing math assistance to students in developmental and credit mathematics courses. The Math Tutoring Lab is located in room 1117 of the Math and Biomedical Sciences building.

WRITING CENTER

The Temple College Writing Center is dedicated to providing advice and resources at every stage of the writing process. The goal of the Writing Center is to engage the community in conversations about writing; to that end, the Center provides face-to-face consultations and workshops for writers in all disciplines. Beginning with writers' needs and concerns, the staff of the Center uses their knowledge and expertise to enhance writers' understanding of a variety of issues, such as purpose, audience, style and conventions. The staff strives to help writers develop the confidence to make effective writing choices in any writing situation. In these ways, the Center supports the shared goal of other Writing Centers to help create better writers, not just better writing.

TRIO PROGRAMS

The TRIO Program at Temple College (TC) is a federally funded grant-based program designed to help eligible students graduate or transfer from TC and gain acceptance into a four-year college or university. Congress established TRIO Programs in 1965 to ensure equal educational opportunity for all Americans, regardless of race, ethnicity, or economic circumstance. Since that time, an estimated two million students have graduated from college with the special assistance and support of our nation's TRIO Programs.

Students in TRIO Programs are more than twice as likely to remain in college than those students from similar backgrounds who did not participate in the program. Temple College students may qualify for the program in several ways:

1. If neither parent has a B.A. or B.S. degree from a four-year college or university;
2. If the student has a disability; or
3. If the student satisfies low-income criteria set by the federal government.

CENTER FOR EDUCATIONAL ADVANCEMENT

The Center for Educational Advancement was established specifically for TRIO Program participants at Temple College. The Center houses the advising and counseling offices as well as the tutoring and learning lab facilities available for use by TRIO students. Information about the TRIO Program at Temple College is available at the Center via phone (254-298-8376) or the Internet (www.trio.templejc.edu).

SERVICES OFFERED TO TRIO PARTICIPANTS

- Academic Advising/Registration for TRIO students
- Counseling for TRIO students
- Tutoring (math, writing, reading, science)
- Learning lab (computers, printers, resources)
- Study skills instruction
- Special workshops and field trips
- Students may qualify for additional financial assistance

ACADEMIC ADVISING AND REGISTRATION

Students participating in the TRIO Program undergo academic advising, counseling and registration for Temple College at the Center for Educational Advancement. Since all TRIO students must be interested in pursuing an academic program oriented towards gaining admission into a four-year college or university, academic advising is a central component of the TRIO Program at Temple College. Students begin the process of contacting four-year institutions early in TRIO to identify specific requirements for the academic program they are interested in pursuing. Academic advisors at TRIO assist in this early valuable guidance and insight to TRIO students in the selection of appropriate coursework at TC in preparation for further study at a four-year institution.

COUNSELING

Counseling at the Center for Educational Advancement is especially important to the TRIO student in remaining in school and thus having the opportunity of achieving success in gaining admission into a four-year college or university. Because TRIO is limited to students pursuing an academic degree, the resulting low student to counselor ratio means students are able to spend more time with counselors. Counselors at TRIO develop one-to-one first name relationships with students. Counselors are familiar with the diverse backgrounds typically reflected in the TRIO student population. In addition, students meet with TRIO counselors at least once each month during a semester to monitor academic progress and discuss concerns or potential problems.

TUTORING

Tutoring is offered free of charge to TRIO students. Tutors in the TRIO Program (peer as well as professional) are chosen for their ability to relate to and communicate well with the diverse multicultural population dynamics of TRIO participants. Low student to tutor ratios enable tutors to devote individual attention for significant blocks of time to each student. TRIO students avail themselves to well-qualified tutors in math, writing, reading, as well as the natural, physical and social sciences. Typically, TRIO students meet at least once each week with their respective tutors.

LEARNING LAB

The TRIO Learning Lab is complete with state-of-the-art computer technology, Internet access, email, as well as software and printers necessary to complete academic assignments. In addition, there are text and software resources for both academic enhancement and career objective exploration. The learning environment at the lab is designed to be conducive to study, quiet discourse and reflection.

STUDY SKILLS INSTRUCTION

The learning lab at the Center for Educational Advancement contains text and software resources to address a variety of needs often experienced by TRIO students. These include study skills, test taking, thinking skills, the learning process, reading skills, the English language, presentation skills, argumentation and persuasion, literacy, ESL, writing (style, structure, editing, revising, the research paper, research skills), Internet literacy, and the college experience. Where necessary, individual instruction and workshops are provided.

SPECIAL WORKSHOPS AND FIELD TRIPS

The TRIO Program includes a component for special cultural events and field trips designed to expose the TRIO student to the diverse social and cultural milieu which constitutes American society. TRIO students must attend at least two cultural events each semester to maintain their participation in TRIO. Field trips often include visits to local universities and colleges where they spend time on campus visiting with faculty and becoming familiar with the demands and prerequisites of a four-year institution.

FINANCIAL ASSISTANCE

Financial assistance is available to qualified TRIO participants. This aid is dispersed on a case-by-case basis and is considered after a student has received his or her financial aid award from Temple College and only if there is remaining unmet financial need pursuant to their education.

COMMUNITY SERVICES

Community service agencies work in coordination with Student Services offering assistance to qualified students. The following agencies provide tuition assistance, disabilities accommodations, and other services necessary for success of special populations.

VOCATIONAL REHABILITATION

The Department of Assistive and Rehabilitative Services (DARS) offers assistance for tuition and non-refundable fees to students who have certain disabling conditions, provided their vocational objectives have been approved by a DARS Counselor. Examples of such conditions are orthopedic disabilities, emotional disorders, diabetes, epilepsy, heart conditions, etc. Other services are also available to assist the disabled student to become employable. Applications for such services should be made at: Department of Assistive and Rehabilitative Services, 4501 South General Bruce Drive, Suite 35, Temple, Texas, 76502. The Temple office number is (254) 773-1674.

WORKFORCE INVESTMENT ACT (WIA)

The Workforce Investment Act consolidates and coordinates employment training, literacy, and vocational rehabilitation programs. Through the local Workforce Center, WIA supports workforce investment activities that increase employment, job retention, earnings, and occupational skills of the workforce. If you are interested in learning more about services available under the Workforce Investment Act, contact your nearest Central Texas Workforce Center for additional information. The Temple office number is (254) 771-2555.

TEXAS BIOSCIENCE INSTITUTE

The Texas Bioscience Institute offers STEM (Science, Technology Engineering and Math) based programs to promote a skilled and knowledgeable medical and biotechnology workforce in Central Texas. The Texas Bioscience Institute programs serve high school students, transitioning military personnel, military dependents, displaced workers, and other certificate, associate or bachelor degree seeking students.

To allow students to interact with bioscience researchers, the Texas Bioscience Institute is located at Scott and White's West Campus, alongside bioscience research and development facilities. The Texas Bioscience Institute offers state-of-the-art laboratories and classrooms to support advanced courses in biology, chemistry, technology and technical communication. While coursework is taken at the Texas Bioscience Institute, internships and apprenticeships take place in working bioscience facilities in industry or government organizations. By integrating both theory and practice, Texas Bioscience Institute programs assist in supporting the creation of scientists specifically qualified to support established medical and emerging biotechnology industries in Central Texas and beyond.

MIDDLE COLLEGE DUAL CREDIT PROGRAM

This component of the Texas Bioscience Institute allows high school juniors and seniors to focus their study in math, science, and/or biotechnology and earn up to two years of college credit. This program makes college more accessible, and more affordable, and provides the strong student support needed for transitioning dual-credit high school students to be successful in a college setting.

ASSOCIATE OF APPLIED SCIENCE IN BIOTECHNOLOGY

The Associate of Applied Science in Biotechnology provides two years of college instruction at the Texas Bioscience Institute and an internship at a research facility to reinforce technical skills. Each graduate may become employed in biotechnology research or enter a four-year institution as a college junior to study in related fields such as premedical studies or microbiology of study requiring a strong STEM (Science, Technology Engineering and Math) foundation.

CERTIFICATES

Degreed students may enhance their skills and knowledge in biotechnology by earning one of the following two certificates: Advanced Technical Certificate in Biotechnology or Enhanced Skills Certificate in Genomics/Proteomics (refer to specific sections of the catalog for information specific to each of these degree plans).

APPRENTICESHIPS

For qualified individuals, paid apprenticeships in bioscience topics may be available. Apprenticeships provide formal on-the-job training with an employer as well as current related technical college level instruction at Temple College and/or the Texas Bioscience Institute.

UNIVERSITY PARTNERSHIPS AND CORPORATE TRAINING

The Texas Bioscience Institute is continually developing university partnerships and corporate training opportunities for students to go beyond the course of study at the associate level. An effort to establish affiliation agreements, which allow students to seamlessly transition from the associate to the bachelor level for medical and biotechnology majors at Texas Bioscience Institute and many other programs at Temple College, is ongoing.

FOR CONTACT INFORMATION RELATED TO ANY TEXAS BIOSCIENCE INSTITUTE PROGRAM, CONTACT THE ADMINISTRATIVE ASSISTANT FOR THE TEXAS BIOSCIENCE INSTITUTE AT (254) 298-8782.

TESTING

A comprehensive testing program is available to assist students with assessing occupational interests and educational achievements. Tests are given for college entrance (ACT), course placement (THEA and ACCUPLACER), and Credit by Examination (CLEP, DSST and TC Institutional Exams). Also administered are the nursing pre-test (HESI) for the ADN and the LVN programs and the HOBET test for other allied health programs. Tests are proctored for the distance learning courses, internet courses, make-up exams, and correspondence courses. Contact the Testing Center for specific information

REQUIRED TESTING

New students who are not exempt or waived from TSI (Texas Success Initiative) requirements must have scores on file from an assessment test before registering for classes.

In accordance with the Texas Administrative Code Title 19, Part 1, Chapter 4, Subchapter C:

1. An institution shall assess, by an instrument, the academic skills of each entering undergraduate student prior to enrollment of the student. Under exceptional circumstances, an institution may permit a student to enroll in freshman-level academic coursework without assessment but shall require the student to be assessed no later than the end of the first semester of enrollment in freshman-level academic coursework.
2. An institution offering collegiate-level credit to students via a Multi-Institution Teaching Center (MITC), or a university system center, or to in-state students by distance learning delivery systems shall ensure that students are assessed as required by this section.
3. An institution may not use the assessment or the results of the assessment as a condition of admission to the institution.

The following assessment instruments are approved by the Texas Higher Education Coordinating Board:

1. ASSET and COMPASS offered by ACT
2. ACCUPLACER offered by The College Board
3. Texas Higher Education Assessment (THEA) (formerly TASP Test) offered by National Evaluation Systems, Inc.

The following minimum passing standards shall be used by an institution to determine a student's readiness to enroll in freshman-level academic coursework:

1. ASSET: Reading Skills - 41; Elementary Algebra - 38; Writing Skills (objective) - 40; and Written Essay - 6.
2. COMPASS: Reading Skills - 81; Algebra - 39; Writing Skills (objective) - 59; and Written Essay - 6.
3. ACCUPLACER: Reading Comprehension - 78; Elementary Algebra - 63; Sentence Skills - 80; and Written Essay - 6.
4. THEA: Reading - 230; Mathematics - 230; Writing - 220.
5. The minimum passing standard for the written essay portion of all tests is a score of 6. However, an essay with a score of 5 will meet this standard if the student meets the objective writing test standard.
6. An institution may require higher passing standards.

REQUIRED STATE TESTING-TEXAS SUCCESS INITIATIVE-(TSI)

The Texas State Education Code requires that all students who enter public institutions of higher education in the fall of 2003 and thereafter must be tested for reading, writing and mathematics skills. This includes all full-time and part-time students enrolled in a degree or level two-certificate program. Performance on the test will not be used as a condition of admission. Contact the Testing Center at Temple College for additional information regarding possible exemptions or waivers to the testing requirement.

Assessment Test Standards

TEST	READING SKILLS	MATHEMATICS	WRITING SKILLS	ESSAY *
ASSET	41	38 (Elementary Algebra)	40	6
COMPASS	81	39 (Algebra)	59	6
ACCUPLACER	78	63 (Elementary Algebra)	80	6
THEA	230	230	220	

* An essay with a score of 5 will meet this standard if students meet the writing skills standard.

Exemptions

ACT	ENGLISH 19	MATHEMATICS 19	COMPOSITE 23
SAT	CRITICAL READING 500	MATHEMATICS 500	COMBINED SCORE 1070
EXIT-LEVEL TAKS	ELA 2200	AND MATHEMATICS 2200	WRITING 3

ACT & SAT scores valid for exactly five years from the qualifying test date - TAKS scores for three years

Other Exemptions

- Associate or baccalaureate degree from and accredited institution of higher education
- Transferred from a private or out-of-state Institution with at least nine college-level hours with a cumulative 2.0 GPA
- AP and IB Scores / Dual Credit Grades
- Honorable Discharged, Retired, or Released Military

Waivers

- Students who declare and enroll in Level-I certificate courses
- Active Duty or Reserve Military
Dual Credit (See Below)

10TH GRADE TAKS

	ELA 2200	AND	MATHEMATICS 2000	WRITING 3
PSAT/NMSQT*	CRITICAL READING 50	AND/OR	MATHEMATICS 50	COMBINED SCORE 107
PLAN*	ENGLISH 19	AND	MATHEMATICS 19	COMPOSITE SCORE 23

*PSAT/NMSQT and PLAN scores only allow a waiver for Dual Credit through 11th grade. The student must provide other test scores to be eligible for dual credit in 12th grade.

AMERICAN COLLEGE TESTING PROGRAM

Temple College is a designated national test center for the American College Testing Program (ACT). ACT tests are administered in February, April, June, October and December. Check with the Testing Center for dates and times or go online to www.actstudents.org.

COLLEGE CREDIT BY EXAMINATION

A student who is qualified by experience or previous training may take a special examination to establish college credit in some courses. Temple College provides opportunities for students to receive college credit by examination through five methods:

1. College Board Advanced Placement Program (AP)
2. International Baccalaureate (IB)
3. College Level Examination Program (CLEP)
4. DSST Program (formerly known as DANTES)
5. Temple College Institutional Examinations

CREDIT BY EXAMINATION POLICY

1. Credit by Examination (AP, IB, CLEP, DSST, and Institutional Exams) may be attempted one time in any approved course.
2. Credit by Examination may not be attempted in any course in which the student has earned credit.
3. Students must complete one semester in residence at Temple College before any Credit by Examination is posted on the transcript. Credits earned through Credit by Examination will be posted on the student's transcript either during the current semester, if the student is currently enrolled, or during the next semester in residence following the examination. The examinee must be a student at Temple College in order to receive credit for a Credit by Examination test.
4. The last 18 hours required for graduation in any degree program or a total of 32 hours must be earned in residence and may not be earned through Credit by Examination.
5. Students must have successfully demonstrated Texas Success Initiative eligibility for the specific Credit by Examination course(s) prior to completing registration for the examination.
6. The fee schedule for Institutional Examinations is set by Temple College. Fee schedules for CLEP and are set by the College Board and fees for DSST tests are set by Prometric. There is no refund of examination fees.
7. Registration information, application forms, procedures, and fee schedules are available in the Testing Center.

COLLEGE BOARD ADVANCED PLACEMENT PROGRAM (AP) The Advanced Placement (AP) examinations are offered once a year in May, usually in high schools that offer college-level courses based on AP course descriptions. Each high school that gives the examinations sets its own registration deadline (no later than March) and collects fees. Contact the high school counseling center for additional information. If no high school in the vicinity is administering AP examinations, students should write for information, by February 1, to AP Services, CN6671, Princeton, NJ 08541, or call (609) 734-3800.

INTERNATIONAL BACCALAUREATE (IB)

The International Baccalaureate (IB) curricula and corresponding examinations are now being offered worldwide to highly motivated students who are enrolled in courses that are affiliated with the IB program. For information on the IB program, contact your local high school counselor or International Baccalaureate North America, 200 Madison Avenue, New York, NY 10016 or call (212) 696-4464.

COLLEGE LEVEL EXAMINATION

College Level Examination Program (CLEP) examinations demonstrate the specific knowledge and skills gained through job experience, outside course work, or specialized independent reading. The examinations require a high degree of knowledge. Information about CLEP examinations is available in the Testing Center and at www.CLEP.com/CLEP.

1. CLEP policies and requirements are established independently by each participating institution. Students who plan to transfer to another college should contact that institution for specific information about its policies.
2. CLEP examinations are administered at Temple College and scored by the College Board.

- Students who meet minimum score requirements will receive “credit” on their transcripts. Letter grades will not be recorded.

DSST PROGRAM (FORMERLY DANTES)

The DSST Program is a testing program provided by Prometric Inc. DSST’s mission is to help non-traditional returning adults, corporate trainees, as well as military members obtain credit for knowledge and skills acquired through nontraditional educational experiences.

- Each institution that adopts the DSST Program uses only tests suited to its curriculum, sets its own fee for test administration, sets its own testing schedule, and administers the tests.
- DSST examinations are administered at Temple College and are scored by Prometric Inc. Two score reports are automatically provided; one for the student and one for the institution.

INSTITUTIONAL EXAMINATIONS

Students may obtain college credit by taking examinations offered by various departments on campus. Institutional examinations are administered at Temple College and scored either by the Testing Center or by the appropriate department. Score reports are mailed to the address shown on your registration form within two weeks from the examination date. If the examination requires a lab, arrangements must be made with the Department Chair to administer and score that portion of the examination. Students meeting minimum score standards on Institutional Examinations will receive credit for the course on their transcripts. Registration for Institutional Exam is completed in the Testing Center. Fee for Institutional Exams is the equivalent of the tuition and fees for the course attempted.

REGISTRATION

Registration must be completed during the appropriate times set by Temple College. Registration consists of completing the required forms, preparation of a class schedule, and paying all tuition and fees by the appropriate deadline (see your printed receipt). You may pay for your courses by cash, check, Discover, VISA, Mastercard or use the E-Cashier online payment plan. The E-Cashier option can be found on the Temple College home page during the registration time periods. This program is administered by the FACTS management company and managed by the TC Business office.

STUDENT RECORDS

Temple College maintains a file on every past and present student which may contain any or all of the following: applications for admissions, high school and college transcripts, GED test scores and certificates, conditional enrollment statements, residency documents, approved course substitutions on degree plans, approved grade changes, and requests for transcripts or other records. These records are retained as outlined in the Local Government Records Act and Local Records Retention Schedules for Public Junior Colleges as published by the Texas State Library and Archive Commission. Student records are available to the administration and faculty of the College for purposes of student counseling, academic advising, and information related to the future academic and/or employment pursuits of the student. The Director of Admissions and Records is responsible for the administration of student records, and all inquiries should be addressed to that officer of the College. Students wishing to receive official copies of transcripts or other records should submit a written request to the Admissions and Records office. The student will have the right to inspect the institution records within 45 days of any request. Any discrepancies thought to exist by a student should be brought to the attention of the Director of Admissions and Records. Records are not expunged or changed without the approval of the Director of Admissions and Records.

Directory information consists of the following: a student’s name, address, telephone, date and place of birth, degree(s) earned and date, major field of study, academic classification, dates of attendance, number of semester hours in progress and attained to date, most recent high school or college previously attended, current class schedule, most recent previous schools attended, and photographs. Under FERPA, Family Education Rights Privacy Act, this information may be released to the general public.. Students may withhold directory information by notifying the Director of Admissions and Records in writing within the first 12 days of the fall or spring semester and first four days of a summer session.

STUDENT RESPONSIBILITIES

All correspondence from Temple College to the student will either be 1) mailed to the address provided on the Application for Admission, or 2) sent to the student's Temple College email address. Any address changes must be made in writing to the Admissions and Records office or online using TConnect. Students are responsible for all communication that is either 1) mailed to the last address on file, or 2) sent to the student's Temple College email address. Information regarding how a student must communicate and file for graduation is under "graduation requirements and deadlines" section of this catalog.

NAME CHANGES

Provide your legal name on your Application for Admission because this is the name that will appear on your official student record. To change a legal name to a new legal name, submit a copy of the signed court order showing the authorized new legal name. To change a last name after marriage, present a copy of the marriage certificate, driver's license, or social security card. A student who wishes to discontinue the use of her/his married name and resume the use of her/his maiden name or a different name, must present a divorce decree or signed court order showing restoration of the maiden name or other names. An affidavit must be provided prior to processing the name change. Submit name change documents and affidavits to the Admissions and Records office.

CHANGES OF SCHEDULE AND WITHDRAWALS

The following paragraphs give the information for changes of schedule and withdrawals for courses and semesters of traditional length. Students should check with the Advising office regarding the applicable deadlines for courses of different lengths and types of courses such as hybrid, online and telecourse.

ADD/ Drop period: After the student has completed registration (fees paid), schedule changes (adds and drops) may be completed only during the times scheduled by the Student Enrollment Services division which may be found on the TC web page.

Withdrawals: Students who withdraw from courses (drop) prior to the official census dates will not appear on the official class rolls for the courses, nor will the courses show on their permanent records. Withdrawals after the add/drop periods described above require the proper approvals and must be initiated in the Advising office. A student must officially withdraw from a course to receive a W grade. A student not officially withdrawn from a class could receive a grade of "F". It is the student's responsibility to withdraw from classes through the Advising office in order to be informed of their consequences. Withdrawals after the official census dates will be handled according to the following rules:

Fall and Spring Semesters (16 Weeks)

After	Before	Grade
12th Class Day	End of 12th Week	W
End of 12th Week	End of Semester	No Withdrawals Allowed

Summer Semester (6 Week Session)

After	Before	Grade
4th Class Day	End of 4th Week	W
End of 4th Week	End of Semester	No Withdrawals Allowed

Summer Semester (8 Week Session)

After	Before	Grade
6th Class Day	End of 6th Week	W
End of 6th Week	End of Semester	No Withdrawals Allowed

Summer Semester (12 Week Session)

After	Before	Grade
9th Class Day	End of 9th Week	W
End of 9th Week	End of Semester	No Withdrawals Allowed

** Students may receive "I" grades in cases of medical emergencies or some other highly unusual circumstances. This "I" grade will hold a class for 30 days into the following semester and will automatically change to an "F" if the faculty member does not submit a change of grade. This will be determined by your professor.

NEW 6 DROP RULE POLICY

Temple College has adopted the following policy to implement SB 1231:

- Senate Bill 1231 provides that a student cannot drop more than six courses during the lifetime of their undergraduate enrollment while attending any public institution in Texas. Under section 51.907 of the Texas Education Code, "an institution of higher education may not permit a student to drop more than six courses, including any course a transfer student has dropped at another institution of higher education."
- This statute was enacted by the State of Texas in spring 2007 and applies to students who enroll in a public institution of higher education as first-time freshmen in fall 2007 or later.
- Any course that a student drops is counted toward the six-course limit if "(1) the student was able to drop the course without receiving a grade or incurring an academic penalty; (2) the student's transcript indicates or will indicate that the student was enrolled in the course; and (3) the student is not dropping the course in order to withdraw from the institution."
- The following classes are EXEMPT from the 6 drop rule:
 1. Classes taken by students while in high school (dual credit, middle college and/or early college).
 2. Third repeat courses (student is taking the class for the third time).
 3. Developmental Classes
- Students must contact the Advising office for more information before dropping a course.
- All course drops/withdrawals initiated by a student will be processed by the Advising office.
- Some exceptions for good cause could allow a student to drop a course without having it counted toward this limit, but IT IS THE RESPONSIBILITY OF THE STUDENT TO ESTABLISH THAT GOOD CAUSE AND PROVIDE ANY REQUIRED DOCUMENTATION in order to earn the status of exception.
- Advisors will have the discretion regarding the need for documentation of a drop.
- Exceptions for good cause include, but are not limited to the following:
 1. Family Emergency (FAM)
 2. Work related (WORK)
 3. Disciplinary action (DISC)
 4. Active duty military (MIL)
 5. Medical Emergency (MED)
 6. Deceased (DCSD)
 7. Not on State Report (S)
 8. Failure to thrive (F2TH)
 9. Administrative correction (ADCOR)
 10. Other (O)
- Additional codes already exist which are not exceptions include:
 1. Administrative change (ADMIN)
 2. Non-payment (N)
 3. On Academic Suspension (SUSP)
 4. Reinstatement (REIN)

Procedures for implementation of this statute can be found at the TC website of: www.templejc.edu (under the Catalog button and Student Services button.)

TRANSFER OF CREDITS

Since Temple College is fully accredited, all of its semester hour credits, except in certain developmental, preparatory and vocational-technical courses, will transfer to other colleges. The Temple College core curriculum is fully transferable to any public college or university in Texas, and is guaranteed by the Texas State Legislature to meet all lower division core requirements of the receiving institution, up to a total of 48 semester hours. Colleges do not lower transferred grades; grades are filed just as they are received. For degree purposes or for determining scholastic standing, however, grades earned at other institutions are frequently not averaged with work done at the receiving college or university.

It is the student's responsibility to familiarize themselves with the course requirements of the college to which they plan to transfer and to make certain they satisfy those requirements both as to choice of courses and the quality of grades in those courses. Temple College provides academic advising and/or pre-registration counseling on an ongoing basis in order to assist the student in choosing courses that are articulated with the requirements of the four-year college of the student's choice. Contact the Advising office for additional information.

RESOLUTION OF TRANSFER DISPUTES

Lower-division courses included in the Lower-Division Academic Course Guide Manual (Revised) and specified in the definition of "Lower-Division Course Credit" shall be freely transferable to and accepted as comparable degree credit by any Texas public institution of higher education where the equivalent course is available for fulfilling baccalaureate degree requirements. It is understood that each Texas institution of higher education may have limitations that invalidate courses after a specific length of time.

For Texas community colleges, these freely transferable courses are identified in the latest revised edition of Coordinating Board publication Lower-Division Academic Course Guide Manual (Revised). Specifically excluded are courses designated as vocational, ESL/ESOL, technical, developmental or remedial, and courses listed as "basic skills."

For senior four-year institutions, lower-division courses that have the same course content and CIP codes as approved by the Coordinating Board shall bear equivalent credit. Specifically excluded are courses designated as ESL/ESOL, technical and developmental/remedial courses.

Within the spirit of the law it is realized that differences in interpretation of "same course content" may generate disputes. Transfer disputes may arise when a lower-division course is not accepted for credit by a Texas institution of higher education. To qualify as a dispute, the course(s) in question must be offered by the institution denying the credit (receiving institution), or in the case of upper-level institutions, must be published as a lower division course accepted for fulfilling lower-level requirements. For community colleges, the course(s) must be listed in the Lower Division Academic Course Guide Manual (Revised,) and be offered at the receiving institution. Additionally, the sending institution must challenge the receiving institution's denial of credit.

The institution whose credit has been denied (sending institution), or the student working through the sending institution, must initiate the dispute. From the date a student is notified of credit denial (date evaluation is sent by the receiving institution), the law allows a maximum of 45 calendar days for the resolution of the dispute by the sending and receiving institutions. For additional information, contact the Vice President of Educational Services.

TEMPLE COLLEGE THREE-PEAT RULE POLICY:

This legislation was passed by the State of Texas to discourage students from repeating courses in an excess of three times. With only limited exceptions, Texas-resident undergraduate students who attempt a course with the same content for a third or more times will be charged a premium tuition rate - an additional \$55.00 per semester credit hour over the Texas Resident rate - for those credit hours. This provision is described in the Texas Higher Education Coordinating Board Rules (Chapter 13, Subchapter B, & 13.25).

Some courses are designed for repeated enrollment, such as:

Courses that may be repeated for credit because they involve different or more advanced course content each time they are taken including but not limited to, individual music lessons, workforce education course, theatre practicum, music performance, ensembles, and certain physical education courses, and independent study courses.

These courses are thereby exempt from the three-part rule.

Attempted hours are calculated for courses in which a student is enrolled on census day. If a student drops the course before census day the hours will not count toward the three-peat.

ACADEMIC HONORS AND STANDARDS

PRESIDENT'S HONOR LIST

A student must be taking at least nine (9) semester hours of work and must have a grade point average of at least 4.0. In addition, disciplinary or academic probation shall make a student ineligible.

VICE PRESIDENT'S HONOR LIST

A student must be taking at least nine (9) semester hours of work and must have a grade point average of at least 3.5. In addition, disciplinary or academic probation shall make a student ineligible.

HIGH HONOR GRADUATES

Graduates receiving an Associate of Arts or an Associate of Applied Science with at least 30 hours at Temple College and with a grade point average of 4.0 on all hours which count toward graduation are considered high honor graduates.

HONOR GRADUATES

Graduates receiving an Associate of Arts or an Associate of Applied Science with at least 30 hours at Temple College and with a grade point average of 3.5 on all hours which count toward graduation are considered honor graduates.

ACADEMIC STANDARDS

Temple College has adopted academic standards for continued enrollment and graduation which require students to achieve an overall 2.0 grade point average in order to be eligible for graduation.

SCHOLASTIC PROBATION

Students who fail to meet either the semester GPA standard or the cumulative GPA standard or both will be placed on scholastic probation for the ensuing semester. If a student is on scholastic probation and satisfies either the semester GPA standard or the cumulative GPA standard but fails to meet the other, the student is continued on probation. Please note: For past semesters, first 6-week term and second 6-week term were evaluated together to determine scholastic probation.

SCHOLASTIC SUSPENSION

A student on scholastic probation who fails to meet both the semester and cumulative GPA standards will be suspended from the College for the ensuing fall or spring semester and any intervening summer session. A student on scholastic suspension may apply for readmission at the beginning of any semester after he/she has been out of college for one long semester, but will be readmitted on scholastic probation. No student with an academic record reflecting three or more scholastic suspensions may be re-admitted to the college without the recommendation of the Director of Recruitment and Retention and then Division Director of Student and Enrollment Services. A student on suspension may also apply in writing for a waiver to the suspension policy. Suspension waivers are considered once each semester by the Director of Recruitment and Retention. Contact the office of the Director of Recruitment and Retention for details. Students for whom exceptions are granted are readmitted on probation status.

TRANSFER STUDENTS

A transfer student who is not scholastically eligible to return to the college he/she last attended will not be eligible for regular admission to Temple College. For information on exceptions and special admissions, contact the Director of Recruitment and Retention. A transfer student who was placed on probation at the college he/she last attended will be admitted on probation to Temple College and must meet the minimum standard of work during his/her first semester of enrollment in order to continue in attendance. A transfer student whose transcript does not indicate that he/she was on probation, but whose academic record during the last semester of his/her attendance at another college did not meet the minimum standard of work at Temple College, will be admitted on probation and must meet the minimum standard of work during his/her first semester of enrollment in order to continue his/her attendance.

CLASS INFORMATION

CLASS STANDING

A student with 0 through 29 semester hours is considered to be of freshman standing. A student with 30 through 59 semester hours is considered to be of sophomore standing.

METHOD OF WORK

Traditionally, there are sixteen and eight weeks of instruction during the fall and spring semesters. A typical course yields three semester hours of credit. This represents three hours of instruction each week for sixteen weeks for a total of forty-eight contact hours. Work taken in summer school results in the same total contact hours, but it is completed in either a three, six, eight, ten, eleven or twelve week period of time.

COURSE NUMBERS

Temple College is a participating institution in the Texas Common Course Numbering System. Courses designed for transfer have a standardized four-letter prefix followed by a four-digit number. The four-letter prefix identifies the subject area. For example, ENGL is the common prefix for English courses, while DRAM is the common prefix for drama/theatre courses. The four-digit number following the prefix identifies specific courses within the subject area. Each digit in the four-digit sequence gives additional information about the course. The first digit identifies the course as either freshman level (1) or sophomore level (2). The second digit identifies the number of credit hours students earn upon successfully completing the course. Most often this digit will be a 1, 2, 3, or 4. The final two digits serve to establish the sequence in which courses are generally taken. Thus, General Chemistry I-CHEM 1311 is taken before General Chemistry II CHEM 1312.

Developmental courses not designed for college credit or transfer have a zero as the first digit. Courses that are included in a certificate or an Associate of Applied Science degree are technical (terminal) courses and are not intended as transfer courses. The student should consult with the intended transfer institution to determine the transferability of technical courses. Course equivalency guides are available in the Advising office.

NORMAL CLASS LOAD AND MAXIMUM LOAD

The regular college year is composed of two semesters. Each semester consists of 16 weeks. A full-time student is one who carries 12 or more semester hours of work for the semester. At least 16 semester hours each semester are generally required if the student plans to complete a degree in the usual two or four-year time period. The maximum amount of work that a student will be approved to carry at one time is 18 semester hours. Students will be permitted to carry more than 18 semester hours under one of the following conditions: 1) the student must take additional hours to be eligible for graduation at the end of the semester, or 2) the student made no grade lower than a "B" as a full-time student the previous long semester. The approval of an advisor is required for registration in excess of this maximum load.

The summer semester is composed of four-week sessions to eleven-week sessions. A full-time student is one who carries six or more semester hours of work during the term. Permission must be obtained from an advisor to enroll in more than eight hours during the summer session.

CONCURRENT ENROLLMENT

Approval may be granted for a student to be concurrently enrolled at TC and another institution at the same time. If granted, the student must not exceed the maximum amount of work permitted during any one semester as outlined above.

A person who has received permission for concurrent enrollment and is concurrently enrolled at another institution must submit an official transcript from that institution to the Admissions and Records office at TC at the close of the semester if he/she is planning to enroll at TC the following semester.

ADDING AND DROPPING COURSES

See Changes of Schedules and Withdrawals under Registration.

AUDITING OF COURSES

When space is available, any person 18 years of age or older may, with the consent of the instructor, enroll as an auditor in either the day or evening division of the College. An auditor is entitled to

the use of laboratory equipment and supplies and to participation in fieldwork. Students must pay any laboratory fees required whether they use such facilities or not. Students cannot audit applied music classes. The instructor is not obligated to accept any papers, tests or examinations from these students. An auditor is free from such course requirements as attendance, written work, and tests. Credit will not be granted for a course that has been audited, except by enrolling in the course at a later date and completing all of the required work. Those living in the College district will pay the regular in-district tuition and fees plus a special \$15 auditing fee for each course audited. Those living outside the College district will pay the regular tuition and fees charged students who are not residents of the College district but who are residents of the state. They will also pay a special \$15 auditing fee for each course audited. Once students pay tuition and fees, they may not change from audit status to credit status. Once students pay tuition and fees and enroll for a course for credit, they may not change from credit to audit status. Procedures for auditing a course will be administered by the Director of Admissions and Records. No refunds of tuition and fees are made to auditing students who withdraw from class unless the class is cancelled by TC.

AUDITING OF COURSES BY SENIOR CITIZENS

In accordance with Texas Education Code (TEC 54.210 B,) Temple College will grant a student 65 years of age or older an exemption from tuition (only) up to 6 credit hours for (Fall, Spring, and/or Summer) semesters. The College must give preference to students paying tuition, and the discount is based on the availability of space in the class.

CREDIT COURSE ENROLLMENT BY SENIOR CITIZENS

In accordance with Texas Education Code (TEC 54.210 B,) Temple College will grant a student 65 years of age or older an exemption from tuition (only) up to 6 credit hours for (Fall, Spring, and/or Summer) semesters. The College must give preference to students paying tuition, and the discount is based on the availability of space in the class.

ATTENDANCE

Learners are subject to being dropped from their courses due to a lack of regular attendance. Most classes at Temple College have regularly scheduled/assigned meeting times, while others are taught in a distance education format via the internet. For classes that have regularly scheduled/assigned meeting times, regular attendance implies that learners are expected to be physically present in the classroom during those regularly scheduled/assigned times, regardless of the method by which the assigned work for the class is completed. A lack of regular attendance is defined in the following two ways:

1. At the beginning of each term, a lack of attendance includes:
 - a. 16 week terms – no attendance by the 5th day of the term, including Fridays.^{1*}
 - b. 11-week terms – no attendance by the 4th day of the term.^{1*}
 - c. 8-week terms – no attendance by the 2nd day of the term.^{2*}
 - d. 6-week terms – no attendance by the 2nd day of the term.^{2*}
 - e. Internet/Hybrid courses – Failure to access your course in the content management system (Temple College's content management system is D2L) and/or the course software as prescribed by the instructor prior to the class day specified above based on the length of the term for the course in which the learner is enrolled.
 - 1 Requires attendance during the first week of the term
 - 2 If your class does not meet every day, you must attend the first class to satisfy the initial attendance requirement.

*Learners unable to attend class during the specified times listed above must contact their instructor via e-mail prior to the start of classes for that term to avoid being dropped for non-attendance.

2. Once initial attendance at the beginning of the term has been satisfied:

Regular and punctual class attendance is expected at Temple College. A lack of regular attendance is defined as missing the equivalent of two weeks of instruction in a 16 week semester (the equivalent amount of time may be fewer class periods in shorter terms). For online courses, attendance includes the completion of assignments by the instructor's posted deadlines. Failure to adhere to the attendance policy may result in being dropped from the course.

Faculty members will maintain an official record of attendance for each course primarily for the purpose of remaining in compliance with federal financial aid regulations. Attendance requirements for some programs may be more stringent than the general policy discussed above as required by program

specific accreditation agencies and/or the Texas Higher Education Coordinating Board (THECB). Students representing the College in sponsored activities related to credit courses or intercollegiate athletics will not be counted absent or penalized for work missed during their absences; however, they are expected to communicate their absence to their instructors – in advance – and make arrangements for class work that may be missed or due upon return to campus. Faculty/staff sponsoring college-related activities will be responsible for notifying the faculty and the Vice President of Educational Services of planned absences (including a list of participating students and the dates that they will be absent) one instructional week prior to the event. This policy also applies to high school students taking dual credit courses who must attend ISD-scheduled activities. Learners who expect to be absent because of religious holy days should contact the Vice President of Educational Services for details concerning Texas Education Code 51.911.

Reinstatement to classes at Temple College is initiated only for the purposes of correcting an institutional error. Learners who (1) are dropped by faculty for non-attendance, or (2) initiate a drop on their own are not eligible for reinstatement.

GRADES

The standing of a student in his/her work is expressed by grades made up from class work and from examinations. There are nine grades: A (Excellent), B (Good), C (Fair), D (Pass), F (Failure), W (Withdrawal), X (work continuing), XF (Failure due to academic dishonesty), and I (Incomplete). The grades of X, W and I are not counted as hours attempted in computing the student's grade point average. A "W" grade is given for an instructor-or student-initiated course withdrawal through the 12th week of the 16 week semester. During the summer semester, a W is given through the 4th week for the 6-week session, the 6th week for the 8-week session and the 9th week for the 12 - week session.

To pass a course it is necessary to secure a grade of at least a "D." In some AAS degree programs a grade of "D" is unacceptable if earned in a major course. When a "D" grade is earned in such a course, the student must repeat that course and earn a grade of "C" or higher. In some AAS degree programs the grade of "D" is not given in major courses. Grades in those courses are: "A.....B," "C.....F." Students enrolling in a program where either of these policies are in effect are informed in advance of the departmental grading policy.

An incomplete grade not removed within 30 calendar days of the first class day of the subsequent term will become an "F." An extension beyond this time frame may only be granted in exceptional circumstances. Approval for the extension must be granted by the instructor in writing and must be submitted to the Director of Admissions and Records for approval. Students who remove incomplete grades in courses that are required for graduation must do so within 30 calendar days from the graduation date in order to be considered a graduate for that term. Students who wait until the subsequent term to clear the incomplete will be considered for graduation in the term in which the incomplete was cleared. The student is responsible for completing a new application for graduation. This policy does not relieve students from meeting course prerequisites.

Any student who has an administrative hold in our system will not be able to view grades, receive refund checks, request transcripts or enroll for a consecutive semester. These administrative holds include, but are not limited to:

- Incomplete application
- Missing information
- Missing official transcripts
- Disciplinary action
- Temple College unpaid tickets
- Unreturned Library books
- Unpaid tuition
- Return in funds for Financial Aid
- Unreturned materials to Student Support
- Default on Institutional short term loans
- Default on Federal Student Loans*

*Must meet the lender arrangements and must provide proof to Temple College that student(s) has/

have made six consecutive monthly payments.

Temple College Change of Grade Policy

Grades are subject to change under the following conditions:

INCOMPLETES: A grade of incomplete "I" will be changed to a letter grade. If a grade of "I" is not changed within 30 calendar days into the next semester, a grade of "F" will be assigned unless the instructor notifies the Director/Associate Director of Admissions and Records in writing prior to the deadline.

ERRORS: A grade calculated or recorded erroneously may be changed by the instructor to the grade actually earned.

DISPUTES: A disputed grade may be changed if the student appeals the grade given within one academic year from the term the grade was earned.

Grade Change Policy:

A change of grade will be accepted by the Director/Associate Director of Admissions and Records only if properly submitted by the instructor. Grade changes will be accepted up to one calendar year from the original term of enrollment for the course.

Student Grade Appeal Procedure:

A student who wishes to question a grade must discuss the matter first with the instructor of record as soon as possible, preferably no later than one week after the start of the next regular academic term after receiving the grade. If the student's concerns remain unresolved after the discussion with the instructor, the student may submit a written request to meet with the appropriate Department Chair within one week of speaking with the instructor. If the matter remains unresolved after step two, the student will submit a written request within one week to the Division Director. If the matter remains unresolved after step three, the student will submit a written request within one week to the Vice President of Educational Services.

GRADE POINT AVERAGE

The grade point average is computed on the following values for each semester hour of credit: A - 4; B - 3; C - 2; D - 1; and F - 0. Grade Point Averages (GPA) are computed by dividing the total grade points earned by the number of semester hours attempted that are used in the GPA calculation.

Prior to the Fall 2002 semester, all transfer hours with a grade of "D" or above were calculated into the cumulative GPA. Transfer hours that were not required by the degree plan, but which counted as electives, were also included in the cumulative GPA. Temple College hours excluding developmental courses, were also calculated into the cumulative GPA. (Developmental hours were calculated into the semester grade point average only.)

Beginning with the Fall 2002 semester, Temple College will not include transfer hours in the cumulative GPA calculation. Temple College will accept transfer hours with a grade of "D" or above as transfer credit but the grades will no longer affect the Temple College cumulative grade point average. From Fall 2002 to Summer 2005, developmental hours were not included in the semester GPA calculation. Beginning with the Fall 2005 semester, developmental hours will be included in the semester GPA calculation.

REPEATING OF COURSES

Beginning with the Fall 2005 semester, a student who wishes to repeat a course will only be allowed to repeat a course one time. If a student needs to repeat a college credit course for a second time (third attempt), the student must receive approval from an advisor. An additional fee will be charged for repeating the same course more than twice. If a student repeats a course, the credit hours and grade points earned from the attempt with the highest grade will be considered the grade of record and will be counted toward computation of an overall grade point average. The hours and grade points from the lower grade attempt will not be calculated in the overall grade point average. If the course repeated is identified in the catalog as a course that may be repeated for credit when the topics vary, then the topics must be the same before the course will be treated as repeated for replacement. However, a

student may not remove an earlier punitive grade (F, I) by enrolling in that course again and finishing with a non-punitive grade (W). In this case, the first attempt will continue to be included in the overall grade point average calculation. The semester grade point average will be computed as it normally would be even if a course is repeated. All courses attempted during a given semester will be used in calculating a semester grade point average, even if a course is repeated at a later date.

EXEMPTION

Students will not be exempt from final examinations.

SCHEDULE AND SYLLABUS CHANGES

Temple College reserves the right to modify the class schedule when necessary. Instructors maintain the freedom to modify course syllabi when appropriate.



STUDENT LIFE

Temple College has 22 student clubs/organizations on campus. Through these clubs/organizations, students are given an opportunity to become involved in planning activities, making new friends, and developing leadership skills. Included are governmental organizations, religious organizations, academic organizations and recreational groups.

For information regarding sponsorship, please ask the Director of student life for a copy of the Sponsorship Handbook. Also, available is the Student Life Handbook for student organizations to use.

African-American Student Association (AASA)

Organized in 1975, this organization sponsors programs and educational activities for African-American students to enhance the overall race relations program at Temple College. Membership is open to all Temple College students.

Associate Degree Nursing Student Organization (ADNSO)

Membership is restricted to students currently enrolled in the Associate Degree Nursing program. ADNSO promotes opportunities to develop experience in contributing to a professional organization and enhances member knowledge of health care concerns or issues.

Association of Respiratory Care Students (ARCS)

This organization is designed to promote interest and awareness in Respiratory Care, to further awareness of technological advancements, and to broaden the scope of study in Respiratory Care. Its membership is restricted to those students enrolled in the TC Respiratory Care program.

Association of Student Surgical Technologists (ASST)

This organization is designed to promote interest in Surgical Technology and to further member's awareness of technological advancements through workshops, meetings, and visits to medical centers. Membership is restricted to those students enrolled in the Temple College Surgical Technology program.

Association of Student Vocational Nurses (ASVN)

Membership in ASVN is restricted to students currently enrolled in the Vocational Nursing Program. The purpose of this organization is to promote understanding of the nursing fields and related areas and to further the members' awareness in technological advancements through workshops, meetings and visits to medical centers and nursing seminars.

Chess Club

The mission of the Chess Club is to promote and support the enjoyment of the game of chess. The club is open to all students, faculty and staff who are encouraged to participate in all club functions and activities.

Collegiate DECA (formerly Delta Epsilon Chi)

Collegiate DECA is open to any Temple College student interested in management, marketing, and distribution. Collegiate DECA is the collegiate division of Distributive Education Clubs of America (DECA). It lists among its purposes the further development in education of programs in management, marketing and distribution, as well as the promotion of understanding and appreciation for the responsibilities of citizenship in the free competitive enterprise system.

Lambda Alpha Epsilon

The American Criminal Justice Association has approved Temple College Criminal Justice Club as the Sigma Zeta Tau Chapter of Lambda Alpha Epsilon. The purpose of this organization is to give students with similar goals the opportunity to join together for social and professional functions. Joining together with law enforcement agencies in the community gives students a better understanding of the complex problems facing law enforcement today. Students wishing to become members must be enrolled in Temple College, either taking courses or majoring in criminal justice.

Literary Club

This club is for any Temple College student who writes and/or enjoys literature. This club provides an outlet for creative writing for a literary magazine called "STONES," which gives students a place to share their work and receive feedback from fellow writers and poets, and helps train future writers and poets for self-publishing ventures and/or professional writing.

Philosophy Club

The Philosophy Club is for students who want to explore and clarify issues of truth, value, and moral concern. The club is for students with an inquiring mind and a passion for knowledge. It is a great way for students to come together and discuss philosophy and its place in today's society.

Quidditch Club (Harry Potter)

Quidditch is a fictional sport developed from the book of Harry Potter. It is a very popular semi-contact sport played by wizards and witches around the world. Matches are played between two teams of seven players riding flying broomsticks using four balls and six elevated ring-shaped goals. The club is open to all students at TC.

Science Club

The purpose of the Science Club is to promote and strengthen the appreciation of science. The club supports and sponsors activities relating to the application of science.

Sign Language Club

The Sign Language Club promotes social interaction for deaf, hearing impaired, and hearing students using and learning American Sign Language. This organization promotes the educational development of interpreting students on campus. The club gives students who are studying sign language an opportunity to use and improve their language skills.

Student American Dental Hygienists' Association (SADHA)

This organization is open to students who are enrolled in the Dental Hygiene program. The purpose of SADHA is to cultivate, promote, and sustain the art and science of dental hygiene, to represent and safeguard the common interest of members of the dental hygiene profession, and to contribute toward the improvement of the oral health of the public.

Student Veterans of America (SVA)

This organization provides a social group and support structure to help veterans adjust to and become successful in civilian and college life. It raises awareness for veterans issues and facilitates the dissemination of information to veterans. It also promotes community service and volunteerism as well as organizes worthwhile projects and events pertaining to veterans and their needs and issues.

Temple College Dance Team

The Dance Team promotes fellowship among dancers in our school as well as surrounding areas by sponsoring activities, performance opportunities and workshops.

Temple College Democrats

The purpose of this club is to support and promote ideas of the National Democratic Party, recognizing the humanitarian concern for the equal rights and opportunities of all people as a primary concern of government. This club is open to any Democrat student of Temple College.

Temple College Republicans

The purpose of this club is to support and promote ideas of the National Republican Party, recognizing the humanitarian concern for equal rights and opportunities of all people as a primary concern of government. This club is open to any Republican student at Temple College.

True Colors Coalition

The purpose of this organization is to promote awareness and educate our campus and the community about the lesbian, gay, bisexual, and alternative sex and gender culture. The group provides support for the lesbian, gay, bisexual and transgender individuals on campus and their families and friends.

United Way Collegiate Leadership

The purpose of this organization is to identify and resolve pressing community issues as well as making measurable changes in the communities through partnerships with other in the community.

Young Adult League of United Latin American Citizens (LULAC)

The purpose of this organization is to cultivate a better understanding of the Latin-American culture and its relation toward the students and the community, to perform services related to the TC and the community, to promote more interest in Spanish, and to encourage Latin-Americans to continue their education. Membership is open to all students enrolled at Temple College and those specifically interested in the Latin-American culture.

HONOR SOCIETIES

Phi Theta Kappa (PTK)

This international junior college honorary scholastic society granted Lambda Theta, the local chapter, a charter on November 17, 1960. To be eligible for membership, a student must have completed twelve semester hours leading to a degree conferred by the College and rank academically within the upper ten percent of the student body. Members are selected on the basis of character, citizenship, and scholarship.

Psi Beta

This national honor society in psychology for community colleges is designed to stimulate, encourage, and recognize scholarship and interest in psychology. To be eligible for membership, a student must have completed one course of psychology with a "B" or better and have an overall GPA of 3.0.

SCHOLARS PROGRAM

Langston Hughes Scholars Program

The purpose of this program is to provide academic support, mentoring and scholarships for African-American students at Temple College. The Langston Hughes Scholars program will offer cultural enrichment, field trips, stimulating film series, and musical festivals.

RELIGIOUS ORGANIZATIONS

Baptist Student Ministries (BSM)

Organized in January of 1964, the Baptist Student Ministries was the first religious organization affiliated with the College. The purpose of this group is to provide weekly programs of worship, inspiration, and study that will be in keeping with Christian living. BSM is a Christian student organization open to all students regardless of their denominational affiliation.

Latter-Day Saints Association (LDSSA)

LDSSA is an organization for students at Temple College. It's a group for those who are interested in Bible study, relaxation and good clean fun. You do NOT need to belong to the LDS church to be a part of this group. They exist to support Latter-Day Saints and help other students at Temple College maintain a balanced spiritual and secular education.

STUDENT AFFAIRS ORGANIZATIONS

Student Government Association (SGA)

Organized as the College Council in 1950, the present Student Government Association (SGA) has evolved through several constitutional revisions since its inception. Membership is made up of the elected officers. The objectives of the Student Government Association are to assist in the development of the student body, coordinate student activities, seek an understanding of and a solution to student problems, serve as the coordinating body of the social/service organization, and provide student input into the administration of Temple College.

STUDENT ACTIVITIES

Social Events: Various activities are scheduled on the College Calendar each semester where students and faculty enjoy together the social life of the College.

Musical Organizations:

The opportunity to participate in excellent instrumental and choral groups is available to Temple College students through the Music Department. Bands, choirs, and numerous smaller ensembles are organized each year. If interested, contact the Division of Fine Arts, (254) 298-8555.

Theatre-Speech:

Students interested in Speech and Theatre activities can participate in the preparation of plays for festivals as well as various types of speeches for contests and festivals. If interested, contact the Division of Fine Arts, (254) 298-8555.

STUDENT HOUSING

University Courtyard Apartments

On-campus housing is available in a modern apartment-style apartment complex. The units are designed in a one, two, and four bedroom floor plans and are fully furnished. Security features include a sprinkler system and panic alarms. The rental cost includes all utilities, high-speed Internet service, cable TV, and local telephone service. For information, call (254) 791-5400.

Temple College Apartments

Affordable, on-campus housing is available for low-income student families through a partnership between the Temple Housing Authority and Temple College. There are 25 one and two bedroom apartments. Residents must meet THA screening requirements. For information contact the Temple Housing Authority, (254) 773-2009.

USE OF FACILITIES, STUDENT CONDUCT AND RESPONSIBILITIES

The administration of Temple College, under the authority granted it by the Board of Trustees, has established the following rules and practices concerning the use of facilities and student conduct and responsibilities. A student seeking recourse under these rules and practices may appeal to the Vice President of Educational Services. Further appeals may be made to the President.

FACILITIES

The facilities at Temple College, including those within the buildings and those on the campus, are for the benefit of students enrolled in the College. These facilities are directly under faculty supervision. From time to time, subject to the approval of the administration, these facilities may be used by those not enrolled, and who have received approval of the administration for said use. The use of the facilities must be in conformity with the rules of the administration, and must not interfere with use of college purposes in any respect.

Use of classrooms and offices by students enrolled shall be under the supervision of those in charge during the hours that they are available. When not available to the students they will be under the direct supervision of the administration, or delegated personnel. Persons not enrolled, or connected with the staff, may be prohibited by the administration at any time, not only to classrooms and offices, but also to the entire campus area. Commercial advertising and/or solicitation is not permitted anywhere on the campus except by those organizations sponsoring programs which have been endorsed by the College. Persons violating any rules heretofore specified shall be advised, and counseled, regarding these rules.

STUDENT CONDUCT AND RESPONSIBILITIES

Through enrollment at Temple College, students signify that they recognize the authority of the College in governing their actions in relation to the College, and they automatically agree to abide by any regulation concerning students and/or student organizations set up by the College or its representatives. A detailed description of student disciplinary procedures may be found in the Student Handbook. Weapons are prohibited on the TC campus. The possession or use of alcoholic beverages or narcotics on the campus may be cause for disciplinary action. This is also true of a student who comes on the campus while under the influence of either of the two. Any action by one or more individuals, whether students or non-students that interferes with the orderly operation of the College will be the cause of disciplinary action or possible arrest by authorized peace officers. A student may be requested or required to withdraw with or without public charges by the College administration. The College does not wish to provide a policy regarding dress for students, but does feel that it is the responsibility of the student to maintain standards of good taste and good grooming which are in keeping with generally accepted standards. Appropriate campus dress for men and women depends upon the occasion or specific event that the student attends. Modes of dress that are in keeping with current styles and are generally acceptable in the extended college community are deemed to be the most acceptable and appropriate. College representatives will call modes of dress deemed inappropriate to the attention of the offending student.

PARKING AND TRAFFIC

All vehicles regularly driven on campus by both students, faculty and staff, must bear a current parking permit and must be parked in authorized areas and in the proper manner. It is the responsibility of anyone bringing a vehicle onto the campus to become familiar with the "Traffic Rules & Regulations" found in the Student Handbook.

LIBRARY

The H. M. Dawson Library has a collection of more than 55,000 books, nearly 300 current periodical subscriptions and thousands of audiovisual items, including videos, compact discs, microfiche and film. The library's online catalog provides access to Temple College's collection as well as access to over 70,000 electronic books.

Temple College belongs to TexShare, a statewide system which allows reciprocal borrowing privileges to current students, faculty and staff at all participating college and university libraries in Texas. Through TexShare Temple College students have access to over 50 online databases many of which display the full-text of the original journal or book. Materials not owned by Temple College or unavailable through the online databases may be ordered through interlibrary loan for little or no cost.

Facilities of the H. M. Dawson Library include study carrels and tables, small group conference rooms, audiovisual viewing and listening areas, wireless Internet access and a computer lab where students can do research, access the Internet, type research papers and complete assignments.

The library staff provides reference assistance and instruction in the use of the library and its online resources.



DISTANCE EDUCATION

Distance Education courses afford students the opportunity to continue attending college courses even with busy lifestyles. Many students attend a combination of online, hybrid, and on-campus classes while others choose to attend all online courses. Course standards, college credit, and transferability are the same as for courses offered on campus. Students have the same rights, privileges, and obligations as on-campus students. Online and hybrid courses are transcribed the same as on-campus courses.

INTERNET (ONLINE) COURSES

Online courses are courses that are completed entirely over the Internet. To take a course through the Internet, students will need access to a computer and a connection to the Internet. Students can use any of the computers in the open computer labs or the library to complete their course work. Class notes, assignments, and discussions are sent and returned through the computer. Students may need to come on campus for 1 - 3 proctored exams as determined by the course instructor. An online course may require certain minimum hardware and software configurations on a student's machine. Those requirements are the responsibility of the student.

HYBRID COURSES

Hybrid courses are courses where a majority of the course is taught over the Internet, while the remaining portion of the course meets on campus. The requirement for the number of on-campus sessions is determined by the course instructor. As with online courses, students will need access to a computer and a connection to the Internet. Students can use any of the computers in the open computer labs or the library to complete their course work. A hybrid course may require certain minimum hardware and software configurations on a student's machine. Those requirements are the responsibility of the student.

REGISTRATION

The registration process for Distance Education courses is the same as for all other Temple College courses, and Distance Education courses have the same Texas Success Initiative requirements.

TEXTBOOKS

Textbooks for some distance education courses may differ from textbooks used for on-campus sections of the same course. The Temple College Bookstore stocks all distance education textbooks.

TESTING

Some online courses may require one to three proctored exams during the semester. Proctored exams may be accomplished in the Testing Center on the Main Campus, may be accomplished at any of our Satellite Centers, or may be accomplished at an off-campus testing site approved by the course instructor. Each instructor determines the need for a proctored exam or exams.

ORIENTATION SESSIONS

Student Orientation to Online Learning workshops are held usually the week prior to the start of the semester and again the first week of the semester. These workshops are optional, but contain valuable information that can help increase the chance of success in online courses. Individual online course instructors may hold online orientations. Hybrid instructors may hold online or on-campus orientation workshops. Check the Distance Education web site for more information.

ON-LINE INFORMATION

To see up-to-date information about specific Temple College Distance Education courses, go to the Temple College web site (<http://www.templejc.edu>) and click the "Distance Education" button.

BUSINESS AND COMMUNITY EDUCATION

TRAINING INDIVIDUALS, TRANSFORMING ORGANIZATIONS

Business and Community Education is an important component of the total education program at Temple College. As one of the state's community and technical colleges, Temple College is designated by the Texas Legislature as the primary provider of workforce education and training for our Central Texas area. Temple College Business and Community Education:

- partners with local Workforce Board representatives to meet local businesses' demands for trained workers
- creates workforce development strategies that respond to current and future needs of a diverse population
- provides the community with quality training resources that stimulate personal, workforce and economic development

Temple College Business and Community Education provides workforce skills training in two primary ways: customized training and public classes.

BUSINESS AND INDUSTRY CUSTOMIZED TRAINING

The Temple College Division of Business and Community Education serves as an educational and skills development resource for business and industry in the Central Texas area. In an effort to improve the prosperity of our region, the Division delivers customer-focused training to address the needs of a diverse workforce, leading to improvement in employee performance, productivity and overall organizational effectiveness. Temple College workforce directors meet with individual businesses, work collaboratively to identify specific training needs, develop goals for employee and organizational improvement, and create plans to enhance employees' skills and overall effectiveness. The customized plan includes such features as engaging program design, professional learning materials, qualified instructors, and on-site pre- and post-tests, as well as a schedule that meets the specific needs of the business. The plan is summarized in a written agreement.

PUBLIC OFFERINGS

In addition to providing customized training for specific organizations, Temple College Business and Community Education offers open-enrollment classes to the general public as another strategy for enhancing the workforce skills of our region. These open-to-the-public classes are designed to give adults an opportunity to keep up with new developments related to their present occupations, to train for new career paths, or to explore activities for personal and professional growth.

Most non-credit courses are open to interested persons without specific admission requirements. Persons who register for and successfully complete these courses are awarded Continuing Education Units (CEU's); normally one CEU is awarded for each ten hours of training. Many courses offered meet the mandatory continuing education requirements for re-licensure and educational advancement in professions.

Temple College Business and Community Education offers courses in a variety of areas. Specific offerings vary depending on current local workforce needs. They may include:

- Information Technology such as computer applications, word processing, spreadsheets, database, Internet, PC repair and upgrade, QuickBooks, and graphic arts/publication programs
- Leadership Development for those new to a supervisory role as well as for more experienced, mid-to-high level leaders
- Manufacturing occupation specific skills such as welding, machining, and "Lean Manufacturing"
- Healthcare specific skills such as Phlebotomy, Pharmacy Technician, Medical Coding, and CPR
- Spanish and other language skills
- Real Estate
- Human Resources
- Customer Service
- Other professional and personal development opportunities

Most of these classes meet at Temple College Downtown Center or at Temple College Business Training Center. Some are available online or as "blended learning" with portions completed online and other segments in the classroom.

Non-credit concurrent enrollment is also available through Business and Community Education for some technical or business-related classes offered through the credit side of the college. Neither transcripts nor college entrance exams are required. Costs are comparable to the credit class, but students are exempt from exams and grades. Students receive the same level and quality of instruction for the same length as credit classes. This type of enrollment is available in subjects such as business, computer-aided design, and computer information systems. Contact the Division of Business and Community Education at the time of registration to enroll in this manner.

Preregistration is required, and a minimum enrollment must be met for a class to be offered. The tuition and fees for many non-credit classes start as low as \$5.00 per class hour, with additional costs for labs, supplies, or insurance. A one hundred percent refund will be given if Temple College cancels the class. Generally, a full refund will also be granted if a student officially withdraws in writing through the Division prior to the second class meeting. Exceptions are for those classes meeting two days or less, or those incurring administrative or material costs. No refunds will be granted after the class has met for the second time.

Contact Business and Community Education at (254) 298-8616 for more information.



ASSOCIATE OF ARTS DEGREE-ACADEMIC TRANSFER FIELDS OF STUDY-CERTIFICATES

The **Associate of Arts (AA) Degree** represents the first two years of college study toward a bachelor's degree. AA degree requirements at TC include 42 semester hours from the core curriculum and 22 semester hours of electives from major or related courses for a total of 64 semester hours.

The **Core Curriculum**, required for graduation and transfer to Texas public universities, is guaranteed by the Texas Legislature to meet all "lower division" core requirements, regardless of which Texas public university you wish to attend, up to a total of 48 semester hours.

The Temple College core curriculum (42 semester hours of credit or roughly 14 courses) is designed to provide a broad knowledge based upon which to obtain a two-year degree or build the foundation of a four-year degree.

Because degree requirements vary at the university level, plan carefully once the core courses are completed. TC has articulation agreements with area universities, and our advisors can help you ensure a smooth transfer.

A **Field of Study** curriculum is a set of courses that will satisfy the lower-division requirements for a baccalaureate degree in a specific academic area at a general academic teaching institution. A field of study curriculum affects academic degree programs at public colleges or universities as designated within the particular field of study curriculum.

Certificates

Temple College offers Advanced Technical Certificates and Enhanced Skills Certificates in Health Sciences for those students who already have completed a degree and want additional training and specialization.

For students who are interested in short-term training, Temple College offers a variety of options. Level I and Level II Certificates are designed to provide a foundation for entry-level employment and the opportunity to continue to pursue an associate's degree. Some certificate programs, especially those in the health sciences, prepare students to take examinations for special certifications or licensure.

ACADEMIC TRANSFER

CORE CURRICULUM

Associate of Arts Degree
Associate of Arts Degree in Teaching

FIELD OF STUDY

Business Administration
Child Development
Computer Science
Criminal Justice
Music

AAS DEGREES AND CERTIFICATES CAREER FIELDS/TECHNOLOGY PROGRAMS

- **Business/ Business Management**

AAS DEGREE - General Business
CERTIFICATE - Administrative Assistant
CERTIFICATE - Office Management
AAS DEGREE - Management
CERTIFICATE - Management
CERTIFICATE - Small Business Management

- **Child Development**

AAS DEGREE - Child Development
CERTIFICATE - Childhood Development/Early Childhood

CERTIFICATE - Child Development Administration

- **Computer-Aided Design**

AAS DEGREE - Computer-Aided Design
CERTIFICATE - Computer-Aided Design

- **Computer Information Systems/Computer Science**

AAS DEGREE - Computer Applications Technology
CERTIFICATE - Computer Technology - Computer Applications Specialist
CERTIFICATE - Computer Technology - Database Specialist
CERTIFICATE - Computer Technology - Security Option
CERTIFICATE - Computer Technology - Computer Applications Technology
AAS DEGREE - Computer Technology - Repair Technician
CERTIFICATE - Computer Technology-Repair Technician Option
AAS DEGREE - Computer Technology - Computer Software Development
CERTIFICATE - Computer Technology - Computer Software Development
AAS DEGREE - Computer Network Administration
CERTIFICATE - Computer Technology-Network Administration Option
AAS DEGREE - Computer Web Technology
CERTIFICATE - Computer Technology-Web Technology

- **Criminal Justice**

AAS DEGREE - Criminal Justice
CERTIFICATE - Criminal Justice
AAS DEGREE - Criminal Justice - Security
AAS DEGREE - Criminal Justice - Correction
AAS DEGREE - Law Enforcement

- **Geographic Information Systems**

AAS Degree - Geographic Information Systems
CERTIFICATE - Geographic Information Systems

AAS DEGREES AND CERTIFICATES HEALTH PROFESSIONS

- **Biotechnology**
AAS DEGREE - Biotechnology
ADVANCED TECHNICAL CERTIFICATE - Biotechnology
ENHANCED SKILLS CERTIFICATE - Genomics/ Proteomics
- **Dental Hygiene**
AAS DEGREE - Dental Hygiene
- **Diagnostic Medical Sonography**
AAS DEGREE - Diagnostic Medical Sonography
ADVANCED TECHNICAL CERTIFICATE - Diagnostic Medical Sonography
- **Emergency Medical Services**
AAS DEGREE - Emergency Medical Services
ENHANCED SKILLS CERTIFICATE - Critical Care Paramedic
CERTIFICATE - Emergency Medical Technician (EMT) - Intermediate
CERTIFICATE - Paramedic
- **Nursing**
AAS DEGREE - Associate Degree Nursing (ADN)
AAS DEGREE - Associate Degree Nursing (LVN BRIDGING)
CERTIFICATE - Vocational Nursing (VN)
- **Respiratory Care**
AAS DEGREE - Respiratory Care
- **Surgical Technology**
CERTIFICATE - Surgical Technology

ACADEMIC TRANSFER COURSE OFFERINGS

Courses are listed by course number in alphabetical/numerical order

Anthropology	150
Art	151
Biology	152
Business	154
Chemistry	157
Child Development	155
Computer Information Systems: Business	159
Computer Science: Academic	159
Criminal Justice: Academic	158
Dance	160
Drama/Theatre	165
Education	166
Economics	166
Engineering	168
English	167
Environmental Science	168
French	169
Geography	170
Geology	170
Government	171
History	172
Humanities	172
Mathematics	175
Music	177
Philosophy	181
Physical Education	181
Physics	183
Psychology	184
Sociology	188
Social Work	188
Spanish	188
Speech	189

ACADEMIC TRANSFER COURSE ABBREVIATIONS

Anthropology
ANTH

Art
ARTS

Biology
BIOL
HORT

Business – Academic
ACCT
BUSI

Chemistry
CHEM

Child Development
TECA

Computer Information System: Business
BCIS

Computer Science: Academic
COSC

Criminal Justice: Academic
CRIJ
FORS

Dance
DANC

Drama / Theater
DRAM

Education
EDUC

Economics
ECON

English
ENGL

Engineering
ENGR

Environmental Science
ENVR

French
FREN

Geology
GEOL

Geography
GEOG

Government
GOVT

History
HIST

Humanities
HUMA

Mathematics
MATH

Music
MUAP
MUEN
MUSI

Philosophy
PHIL

Physical Education
PHED

Physics
PHYS

Psychology
PSYC

Reading / Study Skills
READ
STSK

Social Work
SOCW

Sociology
SOCI

Spanish
SPAN

Speech
SPCH

TEMPLE COLLEGE: CORE CURRICULUM COURSES

010 - Writing/Composition: 6 Semester Credit Hrs ; Oral Communication: 3 Semester Credit Hrs

ENGL 1301	ENGL 1302	ENGL 2311
SPCH 1311	SPCH 1315	SPCH 1321

020 - Mathematics: 3 Semester Credit Hrs

MATH 1314	MATH 1316	MATH 1324	MATH 1325	MATH 1332
MATH 1342	MATH 1348	MATH 2318	MATH 2320	MATH 2342
MATH 2412	MATH 2413	MATH 2414	MATH 2415	

030 - Science: 7 Semester Credit Hrs

Biology:	BIOL 1406	BIOL 1407	BIOL 1411	BIOL 1413	BIOL 1424
	BIOL 2306	BIOL 2316	BIOL 2401	BIOL 2402	BIOL 2404
	BIOL 2421	BIOL 2428	BIOL 2470		
Chemistry:	CHEM 1105	CHEM 1111	CHEM 1112	CHEM 1305	CHEM 1311
	CHEM 1312	CHEM 1407	CHEM 1408	CHEM 2423	CHEM 2425
Geology:	GEOL 1103	GEOL 1104	GEOL 1303	GEOL 1304	
Physical Sciences:	PHYS 1103	PHYS 1104	PHYS 1303	PHYS 1304	PHYS 1401
	PHYS 1402	PHYS 1405	PHYS 1407	PHYS 2425	PHYS 2426
	ENVR 1301	ENVR 1101			

040 - Humanities: 3 Semester Credit Hrs

Humanities:	HUMA 1301	HUMA 1302			
Literature:	ENGL 2322	ENGL 2323	ENGL 2327	ENGL 2328	
Philosophy:	PHIL 1301	PHIL 1304	PHIL 1316	PHIL 1317	
	PHIL 2306	PHIL 2307			

Western

Civilization:	HIST 2311	HIST 2312			
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050 - Visual & Performing Arts: 3 Semester Credit Hrs

Art:	ARTS 1301	ARTS 1303	ARTS 1304	ARTS 1311	ARTS 1312
	ARTS 1316	ARTS 1317	ARTS 2313	ARTS 2314	ARTS 2316
	ARTS 2317	ARTS 2323	ARTS 2326	ARTS 2333	ARTS 2346
	ARTS 2348	ARTS 2356			
Dance:	DANC 1241	DANC 1247			
Drama:	DRAM 1310	DRAM 1330			
	DRAM 1351	DRAM 2366			
Music:	MUEN 1121	MUEN 1141	MUEN 1142	MUEN 1143	MUSI 1301
	MUSI 1306	MUSI 1309	MUSI 1310		

060 - United States History: 6 Semester Credit Hrs

HIST 1301	HIST 1302	HIST 2301
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070 - Political Science: 6 Semester Credit Hrs

GOVT 2301	GOVT 2302
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080 - Social / Behavioral Science: 3 Semester Credit Hrs

Anthropology:	ANTH 2301	ANTH 2302	ANTH 2346	ANTH 2351	
Economics:	ECON 2301	ECON 2302			
Geography:	GEOG 1300	GEOG 1301	GEOG 1302	GEOG 1303	
Psychology:	PSYC 2301	PSYC 2302	PSYC 2308	PSYC 2314	PSYC 2318
Sociology:	SOCI 1301	SOCI 1306	SOCI 2301	SOCI 2336	SOCI 2339

090 - Physical Education: 2 Semester Credit Hrs

2 Physical Education activities courses, or PHED 1304

ASSOCIATE DEGREE GRADUATION REQUIREMENTS

Temple College awards degrees and certificates during the Spring, Summer, and Fall semesters. Although there are three different semesters in which a student may graduate, Temple College only holds one formal graduation ceremony a year. This ceremony is held at the end of the Spring semester. This ceremony is for students who will meet degree requirements during that semester as well as those students who have graduated during the preceding Summer or Fall semesters. In order to be eligible to participate in the ceremony, students must complete the Application for Graduation and indicate their desire to participate in the ceremony.

Students will be considered as a candidate for graduation only upon completion of the Application for Graduation. Students must submit the application for graduation by the following deadline dates: Spring–February 1, Summer–June 1, and Fall–October 1. If the first of the month falls on a holiday or a weekend, the deadline date will be extended to the next business day. Students who do not submit their paperwork by these dates will be charged a \$30.00 late fee. The last day to submit a late application for graduation for a term is four weeks before the last regular class day of the term. Students who do not apply by the deadline dates will not be considered for graduation for that term and will need to submit an application for the next graduation date.

REQUIREMENTS FOR ASSOCIATE DEGREES

1. Completion of all admission requirements. All required documents must be on file.
2. Completion of all degree requirements of the catalog in effect at the time students originally entered TC or any subsequent catalogs in effect as long as the students have been continuously enrolled and provided they meet the requirements within four years from the date they first enrolled under that catalog. Students who are not continuously enrolled or who do not finish within the four-year time limit must meet degree requirements of the current catalog year.
3. Completion of last 18 semester hours of work at Temple College or a total of 32 semester hours of work at Temple College applicable toward the degree. (Not including developmental coursework).
4. Completion of all coursework required for the degree with a minimum 2.0 cumulative grade-point average.
5. Completion of all financial obligations.
6. Completion of the core curriculum for each degree as listed in this catalog.
7. Completion of all Texas Success Initiative (TSI) requirements. Students will not be eligible for graduation until all TSI requirements have been met.
8. Completion of the Application for Graduation by deadline date.

ASSOCIATE OF ARTS DEGREE (For AAT Degree see page 71)

The Associate of Arts degree represents the first two years of college study towards a bachelor's degree. Fundamental to this study is the core curriculum, outlined below. Comprising a total of 42 semester hours of credit, this core of courses is designed to help the student acquire important intellectual skills, develop an appreciation for the major systems of learning, and open his or her mind to significant aspects of other cultures.

The Temple College core curriculum is fully transferable to any public college or university in Texas, and is guaranteed by the Texas State Legislature to meet all lower division core requirements of the receiving institution, up to a total of 42 semester hours.

Associate of Arts Degree Requirements:

Temple College Core Curriculum (See below)* 42 semester hours
 Electives — Courses from student's intended major and other related courses 22 semester hours
 Total credit hours for Associate of Arts (AA) degree 64 semester hours

At least 64 semester hours of academic credit, exclusive of developmental courses, with at least a "C" average on all hours attempted is required to earn an AA degree.

To receive an AA degree from Temple College, the student must have completed the last 18 semester hours of the work toward graduation at Temple College or have earned a total of 32 semester hours of work applicable toward the degree at Temple College. (Not including developmental coursework).

For a student to receive an AA degree from Temple College with any variation from these prescribed residency requirements, a statement waiving the requirement and signed by the Vice President of Educational Services must be on file in the student's record folder in the Office of Admissions and Records.

ACADEMIC TRANSFER

AA DEGREE AND FIELDS OF STUDY

ASSOCIATE OF ARTS DEGREE

In order to graduate from Temple College and receive the Associate of Arts degree, the student must complete 42 hours of general core requirements and 22 hours of electives.

FIRST YEAR

First Semester

ENGL 1301	Composition I	3
MATH 1314	choose from Core Curriculum.....	3
Science	choose from Core Curriculum.....	4
Physical Education	choose from Activities Courses	1
Elective	Student's Choice *	3
	Total Hours	14

Second Semester

ENGL 1302	Composition II or ENGL 2311	3
Science	choose from Core Curriculum.....	3
Humanities	choose from Core Curriculum.....	3
Physical Education	choose from Activities Courses	1
Elective	Student's Choice *	3
Elective	Student's Choice *	3
	Total Hours	16

SECOND YEAR

Third Semester

GOVT 2301	American Government I.....	3
History	choose from Core Curriculum.....	3
Speech	choose from Core Curriculum.....	3
Visual & Performing Arts	choose from Core Curriculum.....	3
Elective	Student's Choice *	4
	Total Hours	16

Fourth Semester

GOVT 2302	American Government II.....	3
History	choose from Core Curriculum.....	3
Social/Behavioral Science	.....	choose
from Core Curriculum	.....	3
Elective	Student's Choice *	3
Elective	Student's Choice *	3
Elective	Student's Choice *	3
	Total	18
	Grand Total.....	64

* Courses from student's intended major or other related courses.
For Field of Study requirements, see the appropriate department.

ASSOCIATE OF ARTS IN TEACHING EDUCATION

GENERALIST: GRADES EC-6, (EXCEPT EARLY CHILDHOOD DEGREE SPECIALIZATION) 4-8, EC-12
CERTIFICATION

Students should check each college or university regarding the transferability of the course.
Student should consult with the Department Chair about other courses need at various four year universities.

First Semester

EDUC	1301	Introduction to the Teaching Profession	3
ENGL	1301	Composition I	3
MATH	1314	College Algebra.....	3
PHED	1304	Personal/Community Health/or 2 Physical activity courses	2-3
CHEM	1405	Introductory Chemistry I with Lab.....	4
TECA	1354	Child Growth and Development***	3
Total Hours			18-19

Second Semester

ENGL	1302	Composition II	3
MATH	1350	Fundamentals of Mathematics I.....	3
HIST	1301	United States History I.....	3
PHYS	1405	Elementary Physics I.....	4
SPCH	1311	Introduction to Speech Communication OR	
SPCH	1315	Public Speaking.....	3
Total Hours			16

Third Semester

GOVT	2301	American Government I.....	3
MATH	1351	Fundamentals of Mathematics II.....	3
HIST	1302	United States History II	3
PHYS	1407	Elementary Physics II.....	4
Humanities			
choose from list below**			3
Total Hours			16

Fourth Semester

EDUC	2301	Introduction to Special Populations*	3
GOVT	2302	American Government II.....	3
BIOL	1406	Biology for Science Majors I.....	4
ECON	2301	Principles of Macroeconomics***	3
MUSI	1301	Fundamentals of Music I OR	
ARTS	1301	Art Appreciation.....	3
Total Hours			16
TOTAL AAT HOURS			66-67

*Meets multicultural requirement

**Choose from the following courses: ENGL 2322, ENGL 2327, ENGL 2323 or ENGL 2328

Other courses student should consider taking for certain four year universities:

TECA 1303 ***
SPAN 1411
ENGL 2322
ENGL 2327
ENGL 2323
ENGL 2328
GEOG 1303
PHIL 1316
PHIL 1317

***If student is specializing in Special Education EC-6, they should replace TECA 1303 and ECON 2301 with upper level courses at the four year university.

FIELD OF STUDY BUSINESS ADMINISTRATION

The following courses are transferable to all public 4-year colleges and universities in Texas for students seeking a Bachelor of Business Administration Degree.

		Sem. Cr. Hr.
ECONOMICS	(ECON 2301, ECON 2302)	6
MATH	(MATH 1325)	3
BCIS	(BCIS 1405)	4
SPEECH	(SPCH 1321)	3
ACCOUNTING	(ACCT 2401, ACCT 2402).....	8
	Total Transfer	24
	Remainder of Core Curriculum.....	33
	Remaining 7 hours-Electives	7
	TOTAL HOURS REQUIRED	64

Students should check each college or university regarding the transferability of the core curriculum courses.

For suggestions on the remaining 7 hours to complete an Associate of Arts Degree, a student should consult an advisor or the department chair of the Business Department.

*For additional information on Field of Study, consult the Coordinating Board website at www.theccb.state.tx.us.

FIELD OF STUDY COMPUTER SCIENCE

		Sem. Cr. Hr.
COMPUTER SCIENCE	COSC 1336 or COSC 1436, COSC 1337 or COSC 1437, COSC 2336 or COSC 2436, COSC 2325 or COSC 2425).....	12-16
MATH	(MATH 2313 or MATH 2413, MATH 2314 or MATH 2414).....	6-8
PHYSICS	(PHYS 2425, PHYS 2426)	8
	TOTAL TRANSFER	26-32

Students should check each college or university regarding the transferability of the core curriculum courses.

*For additional information on Field of Study, consult the Coordinating Board website at www.theccb.state.tx.us

FIELD OF STUDY*

CRIMINAL JUSTICE

The following courses are transferable to all public 4-year colleges and universities in Texas for students seeking a Bachelor of Arts or Bachelor of Science Degree with a major in Criminal Justice, including all Criminal Justice Specializations.

			Sem. Cr. Hr.
CRIJ	1301	Introduction to Criminal Justice.....	3
CRIJ	1306	Court Systems and Practices	3
CRIJ	1310	Fundamentals of Criminal Law.....	3
CRIJ	2313	Correctional Systems and Practices	3
CRIJ	2328	Police Systems and Practices	3
		TOTAL TRANSFER	15

Note: Up to a total of 6 additional semester credit hours of criminal justice related lower-division course work may be transferred by local agreement OR required by the receiving institution, as long as the additional credit does not duplicate any other requirement within the field of study curriculum.

Students should check each college or university regarding the transferability of the core curriculum courses.

*For additional information on Field of Study, consult the Coordinating Board website at www.theccb.state.tx.us.



FIELD OF STUDY*

MUSIC

The Music Department of Temple College offers a wide selection of opportunities for students. Students who have majors and minors outside of music are encouraged to participate in music courses, ensembles, and applied instruction for a better perspective on the arts and improved self-expression.

A full two-year program is offered for the music major and minor who will pursue a bachelor's degree. In addition to the traditional music curriculum, the Music Department offers selected courses in commercial music.

Music scholarships are available to deserving students, regardless of major. Interested students should contact the Division of Fine Arts, located in the Mary Alice Marshall Performing Arts Center for audition times and details.

Music Field of Study*

1st Semester, Freshman

Hours:

MUSI	1116	Elementary Sight Singing and Ear Training I.....	1
MUSI	1311	Music Theory I.....	3
MUSI	1308	Music Literature I.....	3
MUSI	1114	Class Piano I For Music Majors.....	1
		Applied music:.....	2
		Ensembles.....	1
		Total Hours.....	11

2nd Semester, Freshman

MUSI	1117	Elementary Sight Singing and Ear Training II.....	1
MUSI	1312	Music Theory II.....	3
MUSI	1115	Class Piano II For Music Majors.....	1
		Applied music:.....	2
		Ensembles.....	1
		Total Hours.....	8

1st Semester, Sophomore

MUSI	2116	Advanced Sight Singing and Ear Training I.....	1
MUSI	2311	Music Theory III.....	3
MUSI	2114	Class Piano III For Music Majors.....	1
		Applied music:.....	2
		Ensembles.....	1
		Total Hours.....	8

2nd Semester, Sophomore

MUSI	2117	Advanced Sight Singing and Ear Training II.....	1
MUSI	2312	Music Theory IV.....	3
MUSI	2115	Class Piano IV For Music Majors.....	1
		Applied music:.....	2
		Ensembles.....	1
		Total Hours.....	8

Grand Total..... 35

Core Curriculum for Music Majors

English	(ENGL 1301, 1302, or 2311)	6
Speech	(SPCH 1311, 1315, 1318, 1321).....	3
Government	(GOVT 2301, 2302)	6
History	(HIST 1301, 1302, 2301)	6
Science	.....	3
Math	.....	3
Fine Arts or Humanities (excluding MUSI 1306 Music Appreciation).....		3
Physical Education	.....	1
	TOTAL:	31

Exceptions: In the case of non-piano majors, individual instruction in piano can be substituted for Class Piano courses with the permission of the instructor. The student will be required to take 4 hours of individual instruction in lieu of class piano.

Class piano is not required of piano majors. Piano majors are required to have 4 hours of individual instruction on a different secondary instrument, jazz piano, or voice in lieu of class piano and keyboard skills.

Students should check each college or university regarding the transferability of the core curriculum courses.

*For additional information on Field of Study, consult the Coordinating Board website at www.theccb.state.tx.us

ASSOCIATE OF APPLIED SCIENCE DEGREES AND CERTIFICATES CAREER FIELDS & TECHNOLOGY PROGRAMS GRADUATION REQUIREMENTS

Temple College awards degrees and certificates during the Spring, Summer, and Fall semesters. Although there are three different semesters in which a student may graduate, Temple College only holds one formal graduation ceremony a year. This ceremony is held at the end of the Spring semester. This ceremony is for students who will meet degree requirements during that semester as well as those students who have graduated during the preceding Summer or Fall semesters. In order to be eligible to participate in the ceremony, students must complete the Application for Graduation and indicate their desire to participate in the ceremony.

Students will be considered as a candidate for graduation only upon completion of the Application for Graduation. Students must submit the application for graduation by the following deadline dates: Spring–February 1, Summer–June 1, and Fall–October 1. If the first of the month falls on a holiday or a weekend, the deadline date will be extended to the next business day. Students who do not submit their paperwork by these dates will be charged a \$30.00 late fee. The last day to submit a late application for graduation for a term is four weeks before the last regular class day of the term. Students who do not apply by the deadline dates will not be considered for graduation for that term and will need to submit an application for the next graduation date.

REQUIREMENTS FOR ASSOCIATE DEGREES

1. Completion of all admission requirements. All required documents must be on file.
2. Completion of all degree requirements of the catalog in effect at the time students originally entered TC or any subsequent catalogs in effect as long as the students have been continuously enrolled and provided they meet the requirements within four years from the date they first enrolled under that catalog. Students who are not continuously enrolled or who do not finish within the four-year time limit must meet degree requirements of the current catalog year.
3. Completion of last 18 semester hours of work at Temple College or a total of 32 semester hours of work at Temple College applicable toward the degree. (Not including developmental coursework).
4. Completion of all Temple College coursework with a minimum 2.0 cumulative grade-point average.
5. Completion of all financial obligations.
6. Completion of the core curriculum for each degree as listed in this catalog.
7. Completion of all Texas Success Initiative (TSI) requirements. Students will not be eligible for graduation until all TSI requirements have been met.
8. Completion of the Application for Graduation by deadline date.

REQUIREMENTS FOR CERTIFICATES

1. Completion of all admission requirements. All required documents must be on file.
2. Completion of all certificate requirements of the catalog in effect at the time students originally entered TC or any subsequent catalog in effect as long as students have been continuously enrolled and provided they meet the requirements with four years from the date they first enrolled under that catalog. Students who are not continuously enrolled or who do not finish within the four-year time limit must meet degree requirements of the current catalog year.
3. Completion of all coursework required for the certificate with a minimum 2.0 cumulative grade-point average. (Note: Only grades for the specific courses required in the Level I certificate are used to calculate the GPA to determine eligibility for the award of the certificate.) Level 2 certificates require completion of all coursework required for the certificate with a 2.0 overall grade-point average. (Note: This includes all coursework used by the institution to calculate Academic Standards grade-point average.)
4. Completion of all financial obligations.
5. Completion of all Texas Success Initiative (TSI) requirements if students are graduating with a level-two certificate.
6. Completion of the Application for Graduation by deadline date.
7. Completion of the requirements check by the Technical Department Chairman. It is the student's responsibility to contact the department for the requirements check.

ASSOCIATE OF APPLIED SCIENCE DEGREE

In order to graduate from Temple College and receive the Associate of Applied Science degree, the student must complete 15 hours of general core courses. See your Program of Study for specific requirements.

COURSES	Sem. Cr. Hr.
ENGLISH 1301 and 2311	6
(Or 1302 and SPEECH 1311, 1315, 1318, OR 1321)	
HUMANITIES/FINE ARTS	
Art, Drama/Theater, History 2311 or 2312, Humanities, Literature, Music, and Philosophy (excluding Logic)	3
MATH/NATURAL SCIENCE	
Academic Math or Science (of at least 3 hours).....	3
SOCIAL/BEHAVIORAL SCIENCE	
Anthropology, Economics, Geography, Government, Psychology, or Sociology	3
COURSES* Course work from the student's specific major	45
TOTAL HOURS	60

Note: Students must complete at least 60 to 72 semester hours of course credit, dependent on specific program requirements, exclusive of developmental level courses, with a "C" or better average on all hours attempted. Some technical programs have additional specific grade requirements for their majors. These are listed in this catalog under specific programs in which the Associate of Applied Science degree is conferred.

*Included in the 60-72 hours of course work should be all of the prescribed requirements for the specific technical degree program for which the student is enrolled. These requirements are listed in this catalog under specific programs in which an Associate of Applied Science degree is conferred.

To receive an AAS degree, the student must have completed their last 18 semester hours of the work toward graduation at Temple College or have earned a total of 32 semester hours of TC work applicable toward the graduation requirements. (Not including developmental coursework).

For any variation from these prescribed requirements to be counted toward graduation, a written statement waiving that requirement and signed by the Vice President of Educational Services must be on file in the student's record folder.

AAS TECHNICAL COURSE ABBREVIATIONS**Biotechnology**

BITC

Business/Business Management

ACNT

BMGT

BUSG

HRPO

MRKG

POFT

Child Development: Technical

CDEC

Computer-Aided Design

DFTG

SRVY

Geographic Information Systems

GISG

SRVY

Computer Information System: Technical

ARTC

ARTV

CPMT

IMED

INEW

ITNW

ITSC

ITSE

ITSW

ITSY

Criminal Justice: Technical

CJCR

CJLE

CJSA

HMSY

SLPS

Dental Hygiene

DHYG

Education: Technical

EDTC

Emergency Medical Services Professionals

EMSP

Music

MUSC

Nursing

RNSG

VNSG

Respiratory Care

RSPT

Surgical Technology

SRGT

CAREER FIELDS

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Computer-Aided Design/GIS 90

Computer Information Systems 92

Criminal Justice 103

Geographic Information Systems 106

Biotechnology 108

Dental Hygiene 113

Diagnostic Medical Sonography 116

Emergency Medical Services Professions 122

Nursing 129

Respiratory Care..... 144

Surgical Technology 147

TECH PREP

Tech Prep allows students to earn college credit while in high school. Coursework toward a technical field begins in high school and extends through one or two years of a Temple College technical program and results in a certificate or associate degree. Temple College's Tech Prep programs also provide students with the opportunity to transfer coursework to a university.

Tech Prep requires a formal and program-specific articulation agreement between the high school and Temple College. The articulation agreement is a commitment for school districts and Temple College to jointly develop and implement Tech Prep curricula and instruction. Tech Prep prepares students for direct entry into the workplace as technically skilled employees or, with appropriate arrangements, for further education leading to baccalaureate and advanced degrees.

Students are encouraged to contact their high school career and technology teacher or counselor for Tech Prep programs in their high school that are approved by the Texas Education Agency (TEA) and the Texas Higher Education Coordinating Board (THECB).

Steps a student should follow to participate in a Tech Prep program
While in high school:

1. Pick a career path from one of the career clusters.
2. Register while in high school to take Tech Prep coursework.

After high school graduation:

3. Enroll in the Tech Prep program at Temple College that offers the appropriate career pathway and articulate high school Tech Prep coursework into college coursework.
4. File a degree plan and complete the college coursework for the certificate or associate degree program.

Temple College has articulated in conjunction with independent school districts the following career and technical programs:

Biotechnology

Child Development

Computer-Aided Design

Computer Information Systems: Computer Technology - Computer Applications Technology

Computer Information Systems: Computer Technology - Computer Software Development

Computer Information Systems: Computer Technology - Network Administration Option

Computer Information Systems: Computer Technology - Repair Technician Option

Computer Information Systems: Computer Technology - Web Technology

Criminal Justice

Emergency Medical Services

General Business

Management

For more information about Tech Prep career preparation programs at Temple College, contact your high school career and technology teacher or counselor or Temple College's Tech Prep office (254) 298-8482.

**BUSINESS/GENERAL
ASSOCIATE OF APPLIED SCIENCE DEGREE
GENERAL BUSINESS**

FIRST YEAR**First Semester**

BUSG	1303	Principles of Finance	3
ENGL	1301	Composition I	3
HRPO	1311	Human Relations	3
HRPO	2301	Human Resource Management	3
POFT	1429	Beginning Keyboarding	4
MATH	1324	MATH 1314 or MATH 1332 or MATH 1333	3
		Total Hours	19

Second Semester

ACNT	1311	Introduction to Computerized Accounting	3
BUSG	1341	Small Business Financing	3
BUSI	1301	Business Principles	3
ENGL	2311	Technical & Business Writing	3
Elective		Technical	3
		Total Hours	15

SECOND YEAR**Third Semester**

ACCT	2401	Principles of Accounting I - Financial	4
BCIS	1405	Business Computer Applications or ITSC 1309	3-4
ECON	2301	Principles of Macroeconomics	3
BUSI	2301	Business Law	3
BMGT	1341	Business Ethics	3
		Total Hours	16-17

Fourth Semester

ACCT	2402	Principles of Accounting II - Managerial	4
ECON	2302	Principles of Microeconomics	3
Elective		Technical	3
Elective		Social/Behavioral Science*	3
Elective		Humanities/Fine Arts*	3
		Total	16

GRAND TOTAL..... 66-67

* Choose from Core Curriculum Courses

SUGGESTED TECHNICAL ELECTIVES

BMGT	1301	Supervision
BMGT	1325	Office Management
BMGT	1327	Principles of Management
BMGT	2309	Leadership
BUSG	2309	Small Business Management/Entrepreneurship
HRPO	2307	Organizational Behavior
ITSC	1315	Project Management Software
ITSW	1304	Introduction to Spreadsheets
ITSW	1307	Introduction to Database
ITSW	1310	Introduction to Presentation Graphics Software
ITSW	2337	Advanced Database
MRKG	1302	Principles of Retailing
MRKG	1311	Principles of Marketing
MRKG	1313	Public Relations

MRKG	2349	Advertising and Sales Promotion
POFT	1301	Business English
POFT	1309	Administrative Office Procedures I
POFT	2312	Business Correspondence and Communication
POFT	2401	Intermediate Keyboarding

LEVEL - I CERTIFICATE (TSI WAIVED)**
ADMINISTRATIVE ASSISTANT

First Semester

BCIS	1405	Business Computer Applications.....	4
HRPO	1311	Human Relations	3
POFT	1301	Business English	3
POFT	1309	Administrative Office Procedures I	3
POFT	1429	Beginning Keyboarding	4
		Total Hours	17

Second Semester

ACNT	1311	Introduction to Computerized Accounting	3
BMGT	1325	Office Management	3
BMGT	1382	Cooperative Education I	3
POFT	1313	Professional Workforce.....	3
POFT	2312	Business Correspondence and Communication	3
POFT	2401	Intermediate Keyboarding	4
		Total Hours	19
		GRAND TOTAL.....	36

LEVEL - I CERTIFICATE (TSI WAIVED)**
OFFICE MANAGEMENT

First Semester

BMGT	1382	Cooperative Education I	3
HRPO	1311	Human Relations	3
HRPO	2301	Human Resource Management.....	3
BMGT	1341	Business Ethics	3
Elective		Technical.....	3
		Total Hours	15

Second Semester

ACNT	1311	Introduction to Computerized Accounting	3
BMGT	1301	Supervision	3
BMGT	1327	Principles of Management	3
BMGT	1325	Office Management	3
BMGT	1383	Cooperative Education II.....	3
		Total Hours	15

Third Semester

BMGT	2382	Cooperative Education III.....	3
		GRAND TOTAL.....	33

SUGGESTED TECHNICAL ELECTIVES

BCIS	1405	Business Computer Applications
BMGT	2309	Leadership
BUSG	1301	Introduction to Business*
BUSG	1303	Principles of Finance
BUSG	1341	Small Business Financing

BUSG	2309	Small Business Management
HRPO	2307	Organizational Behavior
MRKG	1302	Principles of Retailing
MRKG	1311	Principles of Marketing
MRKG	1313	Public Relations
MRKG	2349	Advertising and Sales Promotion
IMED	1316	Web Design I
ITSC	1309	Integrated Software Applications I
ITSW	1304	Introduction to Spreadsheets
ITSW	1307	Introduction to Database
ITSW	1310	Introduction to Presentation Graphics Software
POFT	1301	Business English
POFT	1309	Administrative Office Procedures I
POFT	1429	Beginning Keyboarding
POFT	2312	Business Correspondence and Communication

* Equivalent BUSI course may be substituted

** Refer to page 47 for Texas Success Initiative (TSI) information

BUSINESS/MANAGEMENT ASSOCIATE OF APPLIED SCIENCE DEGREE MANAGEMENT

The curriculum in management is designed to develop the fundamental skills, knowledge, attitude, and experience which combines academic training with practical on-the-job training compatible with the student's career objective. Students will be allowed to take only one Cooperative Education Course each semester.

FIRST YEAR

First Semester

BMGT	1382	Cooperative Education I	3
BUSG	1301	Introduction to Business**	3
ENGL	1301	Composition I	3
MRKG	1311	Principles of Marketing	3
POFT	1429	Beginning Keyboarding	4
		Total Hours	16

Second Semester

BMGT	1301	Supervision	3
BMGT	1327	Principles of Management	3
BMGT	1383	Cooperative Education II.....	3
ENGL	2311	Technical & Business Writing	3
Elective		Business/Management	3
		Total Hours	15

SECOND YEAR

Third Semester

BCIS	1405	Business Computer Applications or ITSC 1309	3-4
BMGT	2382	Cooperative Education III.....	3
HRPO	2301	Human Resource Management	3
HRPO	2307	Organizational Behavior	3
Elective		Business/Management	3
		Total Hours	15-16

Fourth Semester

BMGT	1341	Business Ethics	3
BMGT	2309	Leadership	3
MATH	1332	MATH 1324, MATH 1314 or MATH 1333	3
Elective		Social/Behavioral Science*	3
Elective		Humanities/Fine Arts*	3
Elective		Free Elective	3
		Total Hours	18
		GRAND TOTAL	64-65

* Chose from Core Curriculum Courses

** Equivalent BUSI course may be substituted

SUGGESTED BUSINESS/MANAGEMENT ELECTIVES

ACNT	1311	Introduction to Computerized Accounting
BMGT	1305	Communications in Management
BMGT	1325	Office Management
BMGT	2303	Problem Solving and Decision Making
BMGT	2331	Principles of Quality Management
BMGT	2341	Strategic Management
BUSG	1303	Principles of Finance
BUSG	1341	Small Business Financing
BUSG	2309	Small Business Management/Entrepreneurship
HRPO	1311	Human Relations
MRKG	1302	Principles of Retailing
MRKG	1313	Public Relations
MRKG	2349	Advertising and Sales Promotion

LEVEL I - CERTIFICATE (TSI WAIVED)**
MANAGEMENT

First Semester

BMGT	1382	Cooperative Education I	3
BUSG	1301	Introduction to Business*	3
HRPO	2307	Organizational Behavior	3
MRKG	1311	Principles of Marketing	3
Elective		Business/Management	3
		Total Hours	15

Second Semester

BMGT	1301	Supervision	3
BMGT	1327	Principles of Management	3
BMGT	1383	Cooperative Education II	3
BMGT	2309	Leadership	3
		Total Hours	12

Third Semester

BMGT	2382	Cooperative Education III	3
		GRAND TOTAL	30

* Equivalent BUSI course may be substituted

** Refer to page 47 for Texas Success Initiative (TSI) information

SUGGESTED ELECTIVES

ACNT	1311	Introduction to Computerized Accounting
BMGT	1305	Communications in Management
BMGT	1325	Office Management
BMGT	1341	Business Ethics
BMGT	2303	Problem Solving and Decision Making

BMGT	2331	Principles of Quality Management
BMGT	2341	Strategic Management
BUSG	1303	Principles of Finance
BUSG	1341	Small Business Financing
BUSG	2309	Small Business Management/Entrepreneurship
HRPO	1311	Human Relations
HPRO	2301	Human Resource Management
MRKG	1302	Principles of Retailing
MRKG	1313	Public Relations
MRKG	2349	Advertising and Sales Promotion

LEVEL I - CERTIFICATE (TSI WAIVED)**
SMALL BUSINESS MANAGEMENT

First Semester

BMGT	1382	Cooperative Education I	3
HRPO	2301	Human Resource Management	3
MRKG	1311	Principles of Marketing	3
MRKG	1313	Public Relations.....	3
Elective		Business/Management	3
		Total Hours	15

Second Semester

BMGT	1383	Cooperative Education II.....	3
MRKG	2349	Advertising and Sales Promotion	3
BUSG	2309	Small Business Management/Entrepreneurship	3
BMGT	1341	Business Ethics	3
Elective		Business/Management	3
		Total Hours	15

Third Semester

BMGT	2382	Cooperative Education III.....	3
		GRAND TOTAL.....	33

SUGGESTED BUSINESS/MANAGEMENT ELECTIVES

ACNT	1311	Introduction to Computerized Accounting
BMGT	1301	Supervision
BMGT	1305	Communications in Management
BMGT	1325	Office Management
BMGT	1327	Principles of Management
BMGT	2303	Problem Solving and Decision Making
BMGT	2309	Leadership
BMGT	2331	Principles of Quality Management
BMGT	2341	Strategic Management
BUSG	1301	Introduction to Business*
BUSG	1303	Principles of Finance
BUSG	1341	Small Business Financing
HRPO	1311	Human Relations
HRPO	2307	Organizational Behavior
MRKG	1302	Principles of Retailing

** Refer to page 47 for Texas Success Initiative (TSI) information

* Equivalent BUSI course may be substituted

ASSOCIATE OF APPLIED SCIENCE DEGREE CHILD DEVELOPMENT

First Semester

ENGL	1301	Composition I	3
TECA	1311	Educating Young Children*	3
TECA	1354	Child Growth and Development*	3
CDEC	1358	Creative Arts for Early Childhood	3
CDEC	1421	The Infant and Toddler	4
		Total Hours	16

Second Semester

ENGL	2311	Technical and Business Writing	3
TECA	1303	Families, School and Community*	3
CDEC	1413	Curriculum Resources for Early Childhood Programs	4
CDEC	1419	Child Guidance	4
CDEC	2307	Math and Science for Early Childhood	3
Elective		Student's Choice	3
		Total Hours	20

SECOND YEAR**First Semester**

CDEC	1356	Emergent Literacy for Early Childhood	3
CDEC	1359	Children with Special Needs	3
CDEC	2326	Administration of Programs for Children I	3
Elective		Fine Arts or Humanities ***	3
Elective		Social/Behavioral Science ***	3
		Total Hours	15

Second Semester

MATH	1332	Contemporary Mathematics I	3
TECA	1318	Wellness of the Young Child*	3
CDEC	2384	Cooperative Education- Child Development	3
CDEC	2441	The School-Age Child	4
CDEC	2315	Diverse Cultural/Multilingual Education	3
		Total Hours	16

GRAND TOTAL..... 67

Suggested Child Development Electives

CDEC	1343	Independent Study in Child Development
CDEC	2328	Administration of Programs for Children II
ITSC	1309	Integrated Software Applications I**

** Equivalent BCIS or COSC course may be substitute if the person has taken the college entrance test.

BCIS or COSC is the preference over ITSC because it transfers more easily to four-year institutions.

*** Choose from Core Curriculum after checking with the Department Chair

**CHILD DEVELOPMENT
EARLY CHILDHOOD EDUCATION
LEVEL - I CERTIFICATE (TSI WAIVED**)
CHILD DEVELOPMENT/EARLY CHILDHOOD CERTIFICATE**

FIRST YEAR**First Semester**

TECA	1311	Educating Young Children*	3
TECA	1354	Child Growth and Development*	3
CDEC	1356	Emergent Literacy for Early Childhood	3
CDEC	1358	Creative Arts for Early Childhood	3
CDEC	1421	The Infant and Toddler	4
		Total Hours	16

Second Semester

TECA	1318	Wellness of the Young Child*	3
CDEC	1413	Curriculum Resources for Early Childhood Programs	4
CDEC	1419	Child Guidance.....	4
CDEC	2307	Math and Science for Early Childhood	3
Elective		Child Development Elective.....	3-4
		Total Hours	17-18
		GRAND TOTAL.....	33-34

Suggested Child Development Electives

TECA	1303	Families, School and Community*
CDEC	1359	Children with Special Needs
CDEC	2315	Diverse Cultural/Multilingual Education
CDEC	2441	The School Age Child
ITSC	1309	Integrated Software Applications I***

*Equivalent CDEC course may be substituted.

** Refer to page 47 for Texas Success Initiative (TSI) information

***Equivalent BCIS or COSC course may be substitute if the person has taken the college entrance test. BCIS or COSC is the preference over ITSC because it transfers more easily to four-year institutions.

**LEVEL - I CERTIFICATE (TSI WAIVED*)
ADMINISTRATION CERTIFICATE IN CHILD DEVELOPMENT**

FIRST YEAR**First Semester**

TECA	1311	Educating Young Children**	3
TECA	1354	Child Growth and Development**	3
CDEC	1359	Children with Special Needs	3
CDEC	1421	The Infant and Toddler	4
CDEC	2326	Administration of Programs for Children I.....	3
		Total Hours	16

Second Semester

TECA	1318	Wellness of the Young Child**	3
CDEC	1413	Curriculum Resources for Early Childhood Programs.....	4
CDEC	1419	Child Guidance.....	4
CDEC	2328	Administration of Programs for Children II.....	3
BMGT	1301	Supervision, or HRPO 1311, or BMGT 1327.....	3
CDEC	2315	Diverse Cultural/Multilingual Education	3
		Total Hours	20
		GRAND TOTAL.....	36

Suggested Child Development Electives

TECA	1303	Families, School and Community
CDEC	1356	Emergent Literacy for Early Childhood
CDEC	1358	Creative Arts for Early Childhood
CDEC	2307	Math and Science for Early Childhood
CDEC	2315	Diverse Cultural/Multilingual Education
CDEC	2441	The School Age Child
ITSC	1309	Integrated Software Applications I***

* Refer to page 47 for Texas Success Initiative (TSI) information

** Equivalent CDEC course may be substituted

*** Equivalent BCIS or COSC course may be substitute if the person has taken the college entrance test. BCIS or COSC is the preference over ITSC because it transfers more easily to four-year institutions.

THE CHILD DEVELOPMENT ASSOCIATE NATIONAL CREDENTIALING PROGRAM (CDA)

Training is provided for individuals interested in the CDA Credential. The program focuses on the skills of care and education of the young child and is designed to provide performance based training, assessment, and credentialing of childcare staff, home visitors, and family child care providers. The CDA Program represents a national effort to credential qualified caregivers/teachers who work with children from birth through age five.

CDEC	1317	Child Development Associate Training I	3
CDEC	2322	Child Development Associate Training II.....	3
CDEC	2324	Child Development Associate Training III.....	3

A passing grade in CDA I, II, III does not guarantee the CDA credential will be awarded to the candidate. The council for Early Childhood Professional Recognition headquartered in Washington, D.C. awards the CDA Credential.

Students who have passed with a C or better, CDEC 1317, CDEC 2322, and CDEC 2324 and have been awarded the CDA credential and wish to continue Child Development certificate or degree programs, may substitute the three associate training courses for the following three courses: CDEC 1311 Educating Young Children; CDEC 1318 Wellness of the Young Child; and/or CDEC 1358 Creative Arts for Early Childhood.

**COMPUTER-AIDED DESIGN
ASSOCIATE OF APPLIED SCIENCE DEGREE
COMPUTER-AIDED DESIGN**

The Computer-Aided Design (CAD) program is designed to give students entry-level design skills in five areas. These are manufacturing, electronics, architecture, civil engineering, and geographic information systems.

Drawings are produced using sketching techniques and/or CAD software. Applications software used in this program includes ArcView GIS®, AutoDesk® and Microsoft Office.

FIRST YEAR**First Semester**

DFTG	1305	Technical Drafting.....	3
DFTG	1309	Basic Computer-Aided Drafting	3
ENGL	1301	Composition I	3
GISC	1311	Introduction to Geographic Information Systems (GIS).....	3
SRVY	1315	Surveying Calculations	3
Elective		Program Related.....	3
		Total Hours	18

Second Semester

DFTG	1317	Architectural Drafting-Residential.....	3
DFTG	1358	Electrical/Electronics Drafting	3
DFTG	2302	Machine Drafting.....	3
DFTG	2319	Intermediate Computer-Aided Drafting	3
DFTG	2321	Topographical Drafting	3
ENGL	2311	Technical & Business Writing	3
		Total Hours	18

SECOND YEAR**Third Semester**

DFTG	2308	Instrumentation Drafting	3
DFTG	2312	Technical Illustration & Presentation or ARTC 1313	3
DFTG	2328	Architectural Drafting-Commercial	3
Elective		Program Related.....	3
Elective		MATH*	3
Elective		Humanities/Fine Arts *	3
		Total Hours	18

Fourth Semester

DFTG	2330	Civil Drafting	3
DFTG	2340	Solid Modeling/Design.....	3
DFTG	2438	Final Project – Advanced Drafting.....	4
SRVY	1301	Introduction to Surveying	3
Elective		Social or Behavioral Science*	3
		Total Hours	16
		GRAND TOTAL.....	70

* Choose from Core Curriculum

SUGGESTED PROGRAM RELATED ELECTIVES

BMGT	1341	Business Ethics
DFTG	2306	Machine Design
DFTG	2331	Advanced Technologies in Architectural Design and Drafting
DFTG	2380	Cooperative Education-Drafting and Design Technology/Technician, General

GISC	2320	Intermediate Geographic Information Systems
ITSC	1309	Integrated Software Applications
ITSC	1315	Project Management Software



LEVEL I – CERTIFICATE (TSI WAVED**) COMPUTER-AIDED DESIGN

The Computer-Aided Design Certificate is designed to train experienced and aspiring professionals in various engineering fields to use CAD® software to produce designs, drawings, illustrations, and presentations.

FIRST YEAR

First Semester

DFTG	1305	Technical Drafting.....	3
DFTG	1309	Basic Computer-Aided Drafting	3
GISC	1311	Introduction to Geographic Information Systems (GIS).....	3
SRVY	1315	Surveying Calculations.....	3
Elective		Program Related *	3
		Total Hours.....	15

Second Semester

DFTG	1317	Architectural Drafting-Residential.....	3
DFTG	1358	Electrical/Electronics Drafting.....	3
DFTG	2302	Machine Drafting.....	3
DFTG	2319	Intermediate Computer-Aided Drafting	3
DFTG	2321	Topographical Drafting	3
		Total.....	15
		GRAND TOTAL.....	30

* Consult with Department Chair on selection of Program Related elective

** Refer to page 47 for Texas Success Initiative (TSI) information

COMPUTER INFORMATION SYSTEMS

This curriculum in Computer Information Systems is designed to develop the fundamental skills, knowledge, and experience which prepares the student for positions in the field of computer information systems and their use on the job. The program combines classroom lecture along with the hands-on experience to give the students practical knowledge of computer systems. Students may pursue a Certificate of Completion or the Associate Degree in several areas.

Note: For all degrees and certificates, students who lack keyboarding skills and/or did not pass the reading portion of the Texas Success Initiative should take POFT 1429 Beginning Keyboarding, prior to enrolling in the program.

**ASSOCIATE OF APPLIED SCIENCE DEGREE
COMPUTER TECHNOLOGY
COMPUTER APPLICATIONS TECHNOLOGY**

FIRST YEAR**First Semester**

ITSC	1301	Introduction to Computers* or BCIS 1405	3-4
ITSE	1329	Programming Logic and Design* or COSC 1309	3
ENGL	1301	Composition I	3
ITSC	1309	Integrated Software Applications I* or BCIS 1301	3
ITSC	1305	Introduction to PC Operating Systems.....	3
Total Hours			15-16

Second Semester

ITSE	1407	Introduction to C + + Programming* or BCIS 1420 or COSC 1436.....	4
ITSW	1301	Introduction to Word Processing	3
IMED	1316	Web Design I	3
ITSC	1315	Project Management Software	3
ENGL	2311	Technical and Business Writing or ENGL 1302**	3
BMGT	1327	Principles of Management	3
Total Hours			19

SECOND YEAR**Third Semester**

ITSE	1350	System Analysis and Design* or BCIS 2390	3
ITSW	1307	Introduction to Database	3
ITSW	1310	Introduction to Presentation Graphics Software or ARTC 1313	3
Elective		Social/Behavioral Science***	3
Elective		Technical	3
Total Hours			15

Fourth Semester

ITSW	1304	Introduction to Spreadsheets	3
ITSC	2486	Internship – Computer & Information Sciences, General	4
Elective		Humanities/Fine Arts***	3
Elective		MATH (College Level)***	3
Elective		Technical	3
Elective		Technical	3
Total Hours			19

GRAND TOTAL..... 68-69

* BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

** Speech 1311, 1321, 1318, or 1315 must be taken also if the student chooses ENGL 1302.

*** Choose from Core Curriculum.

SUGGESTED TECHNICAL ELECTIVES

ARTC	1313	Digital Publishing I
ARTC	1325	Introduction to Computer Graphics
ARTV	1351	Digital Video
CPMT	1311	Intro to Computer Maintenance
CPMT	1345	Computer Systems Maintenance
CPMT	2449	Advanced Computer Networking Technology
IMED	2309	Internet Commerce
IMED	2311	Portfolio Development
IMED	2315	Web Design II
ITNW	1325	Fundamentals of Networking Technologies
ITNW	1454	Implementing and Supporting Servers
ITNW	1458	Network +
ITNW	2405	Network Administration
ITNW	2413	Networking Hardware
ITNW	2453	Advanced Routing and Switching
ITSE	1331	Introduction to Visual BASIC Programming* or BCIS 1316 or COSC 1315
ITSE	1356	Extensible Markup Language (XML)
ITSE	1402	Computer Programming
ITSE	2417	JAVA Programming* or COSC 2430
ITSE	2431	Advanced C + + Programming* or BCIS 2420 or COSC 2436
ITSE	2449	Advanced Visual BASIC Programming
ITSE	2457	Advanced Object-Oriented Programming* or COSC 1437
ITSW	2337	Advanced Database

LEVEL I - CERTIFICATE (TSI WAIVED**)

COMPUTER TECHNOLOGY

COMPUTER APPLICATION SPECIALIST

First Semester

ITSC	1301	Introduction to Computers* or BCIS 1405	3-4
ITSC	1309	Integrated Software Applications I* or BCIS 1301	3
ITSW	1310	Introduction to Presentation Graphics Software or ARTC 1313.....	3
ITSW	1307	Introduction to Database	3
ITSW	1301	Introduction to Word Processing	3
ITSW	1304	Introduction to Spreadsheets	3
GRAND TOTAL.....			18-19

* BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

** Refer to page 18 for Texas Success Initiative (TSI) information

LEVEL I - CERTIFICATE (TSI WAIVED)**
COMPUTER TECHNOLOGY
DATABASE SPECIALIST

First Semester

ITSC	1301	Introduction to Computers* or BCIS 1405	3-4
ITSC	1309	Integrated Software Applications I* or BCIS 1301	3
ITSE	1329	Programming Logic and Design*	3
ITSW	1307	Introduction to Database	3
		Total Hours	12-13

Second Semester

ITSC	1315	Project Management Software	4
ITSE	1407	Introduction to C + + Programming* or BCIS 1420 or COSC 1436.....	3
ITSW	2337	Advanced Database (Oracle)	3
GISC	1311	Introduction to Geographic Information Systems (GIS)	3
Elective		Technical.....	3
		Total Hours	16
		GRAND TOTAL.....	28-29

* BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

** Refer to page 18 for Texas Success Initiative (TSI) information

SUGGESTED TECHNICAL ELECTIVES

ARTC	1325	Introduction to Computer Graphics
IMED	2311	Portfolio Development
ITNW	1325	Fundamentals of Networking Technologies
ITSW	1310	Introduction to Presentation Graphics Software
CPMT	2449	Advanced Computer Networking Technology

LEVEL I - CERTIFICATE (TSI WAIVED)**
COMPUTER TECHNOLOGY
SECURITY OPTION

First Semester

ITSC	1301	Introduction to Computers* or BCIS 1405	3-4
ITSY	2441	Security Management Practices	4
ITSC	1305	Introduction to PC Operating System	3
ITNW	1458	Network +	4
Elective		Technical.....	3
		Total Hours	17-18

Second Semester

ITSC	1315	Project Management Software	3
CPMT	2449	Advanced Computer Networking Technology.....	4
ITSY	2301	Firewalls and Network Security	3
ITSE	1407	Introduction to C + + Programming* or BCIS 1420 or COSC 1436.....	4
		Total Hours	14
		GRAND TOTAL.....	31-32

*BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

** Refer to page 18 for Texas Success Initiative (TSI) information

SUGGESTED TECHNICAL ELECTIVES

ARTC	1325	Introduction to Computer Graphics
IMED	2311	Portfolio Development
ITNW	1325	Fundamentals of Networking Technologies
ITSW	1310	Introduction to Presentation Graphics Software
CPMT	2449	Advanced Computer Networking Technology

LEVEL I - CERTIFICATE (TSI WAIVED)**
COMPUTER TECHNOLOGY
COMPUTER APPLICATIONS TECHNOLOGY

FIRST YEAR**First Semester**

ITSC	1301	Introduction to Computers* or BCIS 1405	3-4
ITSE	1329	Programming Logic and Design* or COSC 1309	3
ITSC	1309	Integrated Software Applications I* or BCIS 1301	3
IMED	1316	Web Design I	3
ITSE	1407	Introduction to C + + Programming* or BCIS 1420 or COSC 1436.....	4
		Total Hours	16-17

Second Semester

ITSW	1301	Introduction to Word Processing	3
ITSC	1305	Introduction to PC Operating Systems.....	3
ITSC	1315	Project Management Software	3
ITSW	1310	Introduction to Presentation Graphics Software or ARTC 1313	3
ITSW	1307	Introduction to Database	3
ITSW	1304	Introduction to Spreadsheets	3
		Total Hours	18
		GRAND TOTAL.....	34-35

* BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

** Refer to page 18 for Texas Success Initiative (TSI) information

ASSOCIATE OF APPLIED SCIENCE DEGREE
COMPUTER TECHNOLOGY
REPAIR TECHNICIAN OPTION

FIRST YEAR**First Semester**

ITSC	1301	Introduction to Computers* or BCIS 1405	3-4
ITSE	1329	Programming Logic and Design* or COSC1309	3
CPMT	1311	Introduction to Computer Maintenance.....	3
ITSC	1305	Introduction to PC Operating Systems.....	3
ENGL	1301	Composition I	3
		Total Hours	15-16

Second Semester

ITSE	1407	Introduction to C + + Programming* or BCIS 1420 or COSC 1436.....	4
ITSC	1315	Project Management Software	3
CPMT	1345	Computer System Maintenance* * *	3
ITNW	1458	Network +	4
ENGL	2311	Technical and Business Writing or ENGL 1302 Composition II* *	3
Elective		Technical	3
		Total Hours	20

SECOND YEAR**Third Semester**

ITSE	1350	System Analysis and Design* or BCIS 2390	3
BMGT	1327	Principles of Management	3
CPMT	2449	Advanced Computer Networking Technology.....	4
Elective		Social/Behavior Science****	3
Elective		MATH (College Level)****	3
		Total Hours	16

Fourth Semester

Elective		Technical.....	3
ITSC	2486	Internship – Computer & Information Sciences, General	4
Elective		Humanities/Fine Arts****	3
Elective		Technical.....	3
Elective		Technical.....	3
		Total Hours	16
		GRAND TOTAL.....	67-68

*BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

**Speech 1311, 1321, 1318, or 1315 must be taken also if the student chooses ENGL 1302.

***Class must be taken in semester/order indicated.

****Choose from Core Curriculum.

LEVEL I - CERTIFICATE (TSI WAIVED)**

**COMPUTER TECHNOLOGY
REPAIR TECHNICIAN OPTION**

FIRST YEAR**First Semester**

ITSC	1301	Introduction to Computers.....	3
ITSE	1329	Programming Logic and Design* or COSC 1309	3
CPMT	1311	Introduction to Computer Maintenance.....	3
ITNW	1458	Network +	4
ITSC	1305	Introduction to PC Operating Systems.....	3
		Total Hours	16

Second Semester

CPMT	1345	Computer System Maintenance.....	3
BMGT	1327	Principles of Management	3
CPMT	2449	Advanced Computer Networking Technology.....	4
ITSC	1315	Project Management Software	3
		Total Hours	13
		GRAND TOTAL.....	29

*BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

** Refer to page 18 for Texas Success Initiative (TSI) information

ASSOCIATE OF APPLIED SCIENCE DEGREE COMPUTER TECHNOLOGY COMPUTER SOFTWARE DEVELOPMENT

FIRST YEAR

First Semester

ITSC	1301	Introduction to Computers* or BCIS 1405	3-4
ITSE	1329	Programming Logic & Design* or COSC 1309	3
ITSE	1407	Introduction to C + + Programming* or BCIS 1420 or COSC 1436	4
ITSC	1315	Project Management Software	3
ENGL	1301	Composition I	3
Total Hours			16-17

Second Semester

ITSE	1331	Introduction to Visual BASIC Programming* or BCIS 1316 or COSC 1315	3
ITSC	1305	Introduction to PC Operating Systems	3
ITSE	1402	Computer Programming	4
Elective		Social/Behavioral Science***	3
ENGL	2311	Technical and Business Writing or ENGL 1302 Composition II**	3
Total Hours			16

Third Semester

ITSE	2417	JAVA Programming* or COSC 2430	4
Total Hours			4

SECOND YEAR

Fourth Semester

ITSE	1350	System Analysis and Design* or BCIS 2390	3
ITSE	2431	Advanced C + + Programming* or BCIS 1420 or COSC 1436	4
ITSW	1307	Introduction to Database	3
INEW	2338	Advanced Java Programming	3
Elective		Humanities/Fine Arts***	3
Total Hours			16

Fifth Semester

ITSE	2457	Advanced Object-Oriented Programming* or COSC 1437	3
ITSC	2486	Internship-Computer & Information Sciences, General	4
Elective		MATH (College Level)***	3
Elective		Technical	3
Total Hours			13

GRAND TOTAL..... 65-66

* BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

** Speech 1311, 1321, 1318, or 1315 must be taken also if the student chooses ENGL 1302.

*** Choose from Core Curriculum

SUGGESTED TECHNICAL ELECTIVES

ARTC	1313	Digital Publishing I
ARTC	1325	Introduction to Computer Graphics
ARTS	2348	Digital Art I
ARTS	2349	Digital Art II
ARTV	1351	Digital Video
IMED	1316	Web Design I
IMED	2311	Portfolio Development
IMED	2315	Web Design II

ITNW	1325	Fundamentals of Networking Technologies
ITSE	1356	Extensible Markup Language (XML)
MUSC	1327	Audio Engineering I

LEVEL I - CERTIFICATE (TSI WAIVED)**
COMPUTER TECHNOLOGY
COMPUTER SOFTWARE DEVELOPMENT

FIRST YEAR**First Semester**

ITSC	1301	Introduction to Computers* or BCIS 1405	3-4
ITSE	1329	Programming Logic and Design* or COSC 1309	3
ITSE	1407	Introduction to C + + Programming* or BCIS 1420 or COSC 1436.....	4
ITSC	1305	Introduction to PC Operating Systems.....	3
ITSE	1402	Computer Programming.....	4
		Total Hours	17-18

Second Semester

ITSW	1307	Introduction to Database	3
ITSC	1315	Project Management Software	3
ITSE	1331	Introduction to Visual BASIC Programming* or BCIS 1316 or COSC 1315	3
		Total Hours	9

Third Semester

ITSE	2417	JAVA Programming* or COSC 2430	4
		Total Hours	4

GRAND TOTAL..... 30-31

*BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

** Refer to page 18 for Texas Success Initiative (TSI) information

ASSOCIATE OF APPLIED SCIENCE DEGREE
COMPUTER TECHNOLOGY
NETWORK ADMINISTRATION OPTION

FIRST YEAR**First Semester**

ITSC	1301	Introduction to Computers* or BCIS 1405	3-4
ITSC	1315	Project Management Software	3
CPMT	1311	Introduction to Computer Maintenance.....	3
ITSC	1305	Introduction to PC Operating Systems.....	3
ITSE	1329	Programming Logic and Design* or COSC 1309	3
ENGL	1301	Composition I	3
		Total Hours	18-19

Second Semester

ITSE	1407	Introduction to C + + Programming* or BCIS 1420 or COSC 1436.....	4
BMGT	1327	Principles of Management	3
ITNW	1458	Network +	4
ENGL	2311	Technical and Business Writing or ENGL 1302**	3
Elective		Humanities/Fine Arts*****	3
		TOTAL HOURS.....	17

SECOND YEAR**Third Semester**

CPMT	2449	Advanced Computer Networking Technology.....	4
ITNW	2413	Networking Hardware	4
Elective		Security and Networking ****	3
Elective		MATH (College Level) *****	3
ITSE	1350	System Analysis and Design*or BCIS 2390	3
		Total Hours	17

Fourth Semester

Elective		Technical***	3
ITSC	2486	Internship – Computer & Information Sciences, General	4
ITNW	2453	Advanced Routing and Switching	4
Elective		Social/Behavioral Science*****	3
Elective		Security or Networking*****	3
		Total Hours	17
		GRAND TOTAL.....	69-70

*BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

**Speech 1311, 1321, 1318, or 1315 must be taken also if the student chooses ENGL 1302.

***Recommend JAVA as Technical elective.

****Recommend ITSY 2441.

*****Recommend ITSY 2301.

*****Choose from Core Curriculum.

SUGGESTED SECURITY AND NETWORKING ELECTIVES

CPMT	1345	Computer Systems Maintenance
CPMT	2445	Computer System Troubleshooting
ITNW	1325	Fundamentals of Networking Technologies
ITSY	2301	Firewalls and Network Security
ITSY	2400	Operating System Security
ITSY	2441	Security Management Practices

SUGGESTED TECHNICAL ELECTIVES

ARTC	1313	Digital Publishing I
ARTC	1325	Introduction to Computer Graphics
IMED	1316	Web Design I
IMED	2309	Internet Commerce
IMED	2311	Portfolio Development
IMED	2315	Web Design II
ITSE	1356	Extensible Markup Language (XML)
ITSE	1402	Computer Programming
ITSE	1331	Introduction to Visual BASIC Programming or BCIS 1316 or COSC 1315
ITSE	2417	JAVA Programming or COSC 2430
ITSE	2431	Advanced C + + Programming or BCIS 2420 or COSC 2436
ITSE	2457	Advanced Object-Oriented Programming or COSC 1437
ITSW	1301	Introduction to Word Processing
ITSW	1307	Introduction to Database
ITSW	1310	Introduction to Presentation Graphics Software
ITSW	2337	Advanced Database

LEVEL I - CERTIFICATE (TSI WAVED*)**
COMPUTER TECHNOLOGY
NETWORK ADMINISTRATION OPTION

FIRST YEAR**First Semester**

ITSC	1301	Introduction to Computers** or BCIS 1405	3
ITSE	1329	Programming Logic and Design* or COSC 1309	3
ITSC	1309	Integrated Software Applications I* or BCIS 1301	3
CPMT	1311	Introduction to Computer Maintenance.....	3
ITNW	2413	Networking Hardware	4
		Total Hours	16

Second Semester

ITSE	1407	Introduction to C + + Programming* or BCIS 1316 or COSC 1315	4
ITSC	1305	Introduction to PC Operating Systems.....	3
ITNW	1458	Network +	4
ITNW	2453	Advanced Routing and Switching	4
		Total Hours	15

Third Semester

ITSE	1350	System Analysis and Design* or BCIS 2390	3
ITNW	1454	Implementing and Supporting Servers or ITNW 2405 or CPMT 2449	4
ITSC	1315	Project Management Software	3
		Total Hours	10
		GRAND TOTAL	41

*BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

**BCIS 1405 Business Computer Applications course may be substituted.

*** Refer to page 18 for Texas Success Initiative (TSI) information.

ASSOCIATE OF APPLIED SCIENCE DEGREE
COMPUTER TECHNOLOGY
WEB TECHNOLOGY

FIRST YEAR**First Semester**

BCIS	1405	Business Computer Applications.....	4
ITSE	1329	Programming Logic and Design* or COSC 1309	3
ENGL	1301	Composition I	3
ITSC	1305	Introduction to PC Operating Systems.....	3
IMED	1316	Web Design I	3
		Total Hours	16

Second Semester

ITSC	1315	Project Management Software	3
ITSE	1407	Introduction to C + + Programming* or BCIS 1420 or COSC 1436.....	4
ITSW	1310	Introduction to Presentation Graphics Software	3
ITSW	1307	Introduction to Database	3
ENGL	2311	Technical and Business Writing or ENGL 1302**	3
Elective		Technical Elective	3
		Total Hours	19

Third Semester

ITSE	2417	JAVA Programming*or COSC 2430	4
		Total Hours	4

SECOND YEAR**Fourth Semester**

ITSE	1350	System Analysis and Design*or BCIS 2390	3
IMED	2315	Web Design II	3
ARTS	2348	Digital Art I or ARTS 2313 or ARTS 2314	3
CPMT	2449	Advanced Computer Networking Technology.....	4
Elective		Social/Behavioral Science***	3
		Total Hours	16

Fifth Semester

IMED	2309	Internet Commerce.....	3
ITSC	2486	Internship – Computer & Information Sciences, General	4
ARTC	1313	Digital Publishing I.....	3
Elective		MATH (College Level)***	3
Elective		Humanities/Fine Arts***	3
		Total Hours	16
		GRAND TOTAL.....	71

*BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

**Speech 1311, 1321, 1318, or 1315 must be taken also if the student chooses ENGL 1302.

***Choose from Core Curriculum.

SUGGESTED TECHNICAL ELECTIVES

ARTC	1325	Introduction to Computer Graphics
ARTS	2356	Photography I
ARTV	1351	Digital Video
CPMT	1303	Introduction to Computer Technology
GISC	1311	Introduction to GIS
IMED	2311	Portfolio Development
IMED	2359	Interactive Web Elements
ITNW	1325	Fundamentals of Networking Technologies
ITSC	1315	Project Management Software
ITSE	1311	Beginning Web Programming
ITSE	1356	Extensible Markup Language (XML)
MUSC	1327	Audio Engineering I

LEVEL II - CERTIFICATE (TSI REQUIRED **)
COMPUTER TECHNOLOGY
WEB TECHNOLOGY

FIRST YEAR**First Semester**

BCIS	1405	Business Computer Applications.....	4
ITSE	1329	Programming Logic and Design* or COSC 1309.....	3
ITSC	1305	Introduction to PC Operating Systems.....	3
ITSW	1310	Introduction to Presentation Graphics Software	3
IMED	1316	Web Design I	3
Total Hours			16

Second Semester

ARTS	2348	Digital Art I or ARTS 2313 or ARTS 2314	3
IMED	2315	Web Design II	3
ITSE	1407	Introduction to C + + Programming* or BCIS 1420 or COSC 1436.....	4
CPMT	2449	Advanced Computer Networking Technology.....	4
Total Hours			14

Third Semester

ITSE	2417	JAVA Programming* or COSC 2430	4
Total Hours			4

SECOND YEAR**Fourth Semester**

ITSE	1350	System Analysis and Design	3
IMED	2309	Internet Commerce.....	3
ARTC	1313	Digital Publishing I.....	3
ITSW	1307	Introduction to Database	3
Total Hours			12
GRAND TOTAL.....			46

*BCIS or COSC is the preference over the ITSC/ITSE because it transfers more easily to four-year institutions.

** Refer to page 18 for Texas Success Initiative (TSI) information.

**CRIMINAL JUSTICE
ASSOCIATE OF APPLIED SCIENCE DEGREE
CRIMINAL JUSTICE**

FIRST YEAR

First Semester

ENGL	1301	Composition I	3
MATH	1332	Contemporary Mathematics I (or a higher math)***	3
CJSA	1322	Introduction to Criminal Justice*	3
CJSA	1327	Fundamentals of Criminal Law*	3
Elective		.....	3
Total Hours			15

Second Semester

ENGL	2311	Technical and Business Writing**	3
Elective		Humanities/Fine Arts***	3
CJSA	1359	Police Systems and Practices*	3
Elective		Criminal Justice Program of Study	3
Elective		Criminal Justice Program of Study	3
Elective		.....	3
Total Hours			18

SECOND YEAR

Third Semester

SOCI	2336	Criminology	3
CJSA	1313	Court Systems and Practices*	3
Elective		Criminal Justice Program of Study	3
Elective		Criminal Justice Program of Study	3
Elective		.....	3
Elective		.....	3
Total Hours			18

Fourth Semester

CJCR	1307	Correctional Systems and Practices	3
CJSA	1348	Ethics in Criminal Justice	3
Elective		Criminal Justice Program of Study	3
Elective		Criminal Justice Program of Study	3
Elective		.....	3
Total Hours			15
GRAND TOTAL			65

* Equivalent CRIJ course may be substituted if the person has taken the college entrance test. CRIJ is the preference over CJSA because it transfers more easily to four-year institutions

** Speech 1311, 1321, 1318, or 1315 must be taken also if the student chooses ENGL 1302

*** Choose from the Core Curriculum

Students who have successfully completed the Texas Commission on Law Enforcement Officers and Education 560 hour Basic Peace Officer course may be awarded: CJLE 2522, CJLE 2521, and CJLE 2520. Students with a Jailer's License or a Telecommunications License may be awarded CJCR 1300 or CJLE 1303. Transcript Equivalence Fee: \$100. Credit will not be transcribed until after the student has completed 16 semester hours at Temple College.

LAW ENFORCEMENT

CJSA	1312	Crime in America*
CJSA	2300	Legal Aspects of Law Enforcement*
CJSA	1342	Criminal Investigations*
CJSA	1317	Juvenile Justice System*
CJLE	2247	Tactical Skills for Police

*Equivalent CRIJ course may be substituted.

CORRECTIONS

CJSA	1312	Crime in America*
CJCR	2324	Community Resources in Corrections*
CJSA	1342	Criminal Investigations*
CJSA	1317	Juvenile Justice System*
CJLE	2247	Tactical Skills for Police

*Equivalent CRIJ course may be substituted.

SECURITY (Including Homeland Security)

CJSA	2300	Legal Aspects of Law Enforcement*
CJSA	1342	Criminal Investigations*
HMSY	1337	Introduction to Homeland Security
HMSY	1339	Homeland Security Emergency Contingency Planning
CJLE	2247	Tactical Skills for Police

*Equivalent CRIJ course may be substituted.

ELECTIVES – Six elective classes (18 hours) not included in the program of study.

GOVT	2301	Government I
GOVT	2302	Government 2
SPCH	1318	Interpersonal Communications
HUMA /Fine Arts		choose from Core Curriculum
HMSY	1337	Introduction to Homeland Security
HMSY	1339	Homeland Security Emergency Contingency Planning
PSYC	2315	Psychology of Adjustment
CJSA	2300	Legal Aspects of Law Enforcement
CJSA	2324	Community Resources in Corrections
FORS	2440	Introduction to Forensic Science
FORS	2450	Introduction to Forensic Psychology
CJSA	1382	Cooperative Education I - Criminal Justice/Safety Studies
CJSA	2382	Cooperative Education II - Criminal Justice/Safety Studies
CJCR	1380	Cooperative Education I - Corrections
CJCR	2380	Cooperative Education II - Corrections

LEVEL-1 CERTIFICATE (TSI WAIVED)**
CRIMINAL JUSTICE CERTIFICATE

First Semester

CJSA	1313	Court System and Practices*	3
CJSA	1322	Introduction to Criminal Justice*	3
CJSA	1327	Fundamentals of Criminal Justice*	3
Elective		Criminal Justice Program of Study	3
Elective		Criminal Justice Program of Study	3
		Total Hours	15

Second Semester

CJSA	1348	Ethics in Criminal Justice	3
CJSA	1359	Police System and Practices*	3
CJCR	1307	Correctional Systems and Practices*	3
Elective		Criminal Justice Program of Study	3
Elective		Criminal Justice Program of Study	3
		Total Hours	15
		GRAND TOTAL	30

* Equivalent CRIJ course may be substituted

** Refer to page 47 for Texas Success Initiative (TSI) information

Students should pick one of the following Programs of Study

LAW ENFORCEMENT

CJSA	1312	Crime in America*
CJSA	2300	Legal Aspects of Law Enforcement*
CJSA	1342	Criminal Investigations*
CJSA	1317	Juvenile Justice System*

* Equivalent CRIJ course may be substituted if the person has taken the college entrance test. CRIJ is the preference over CJSA because it transfers more easily to four-year institutions

CORRECTIONS

CJSA	1312	Crime in America*
CJCR	2324	Community Resources in Corrections*
CJSA	1342	Criminal Investigations*
CJSA	1317	Juvenile Justice System*

* Equivalent CRIJ course may be substituted.

SECURITY (Including Homeland Security)

CJSA	2300	Legal Aspects of Law Enforcement*
CJSA	1342	Criminal Investigations*
HMSY	1337	Introduction to Homeland Security
HMSY	1339	Homeland Security Emergency Contingency Planning

* Equivalent CRIJ course may be substituted.

Students that have successfully completed the Texas Commission on Law Enforcement Officers and Education 560 hour Basic Peace Officer course may be awarded: CJLE 2522, CJLE 2521, and CJLE 2520. Students with a Jailer's License or a Telecommunications License may be awarded CJCR 1300 or CJLE 1303. Transcript Equivalence Fee: \$100. Credit will not be transcribed until after the student has completed 16 semester hours at Temple College.

GEOGRAPHIC INFORMATION SYSTEMS

The Geographic Information System (GIS) program is designed to give students entry-level proficiency. The GIS program enables the student to develop the fundamental skills, knowledge, and experience which prepares the student for positions in the field of GIS. The program combines classroom lecture along with the hands-on experience to give the students practical knowledge of GIS. Students may pursue a Certificate of Completion or the Associate Degree.

Application software used in this program includes ArcGIS® (ESRI), ERDAS Imagine®, AutoCAD®, and Microsoft Office.

FIRST YEAR

First Semester

GISC	1301	Cartography / Geography in GIS/GPS	3
GISC	1311	Introduction to GIS	3
ENGL	1301	Composition I	3
GEOG	1300	Principles of Geography or Geography Elective	3
Elective		Program Related	3
		Total Hours	15

Second Semester

GISC	2301	Data Acquisition and Analysis in GIS.....	3
GISC	2311	Geographic Information Systems (GIS) Applications	3
SRVY	1301	Introduction to Surveying	3
ITSE	1329	Programming Logic and Design* *	3
ITSW	1307	Introduction to Database	3
Elective		MATH*	3
		Total Hours	18

SECOND YEAR

Third Semester

GISC	2320	Intermediate Geographic Information Systems.....	3
DFTG	1309	Basic Computer-Aided Drafting	3
ENGL	2311	Technical and Business Writing.....	3
Elective		Humanities/Fine Arts*	3
Elective		Program Related.....	3
		Total Hours	15

Fourth Semester

GISC	1321	Introduction to Raster-Based GIS.....	3
GISC	2380	Cooperative Education or Related Elective.....	3
DFTG	2330	Civil Drafting	3
ITSE	1331	Introduction to Visual BASIC Programming* * or IMED 1316.....	3
Elective		Program Related.....	3
		Total Hours	15
		GRAND TOTAL.....	63

SUGGESTED PROGRAM RELATED ELECTIVES

DFTG	2319	Intermediate Computer-Aided Drafting
ENVR	1301	Environmental Science
GEOL	1303	Physical Geology
GISC	1391	Special Topic in Cartography
IMED	1316	Web Design I
IMED	2315	Web Design II
ITSC	1309	Integrated Software Applications I
ITSC	1315	Project Management Software
ITSE	1311	Beginning Web Programming
ITSE	2449	Advanced Visual BASIC Programming* *

ITSW	1310	Introduction to Presentation Graphics Software
SRVY	1309	Surveying Measurement
SRVY	1315	Survey Calculations
SRVY	1319	Introduction to Geographic Information Systems (GIS)
SRVY	2305	Geographic Information Systems Application
SRVY	2309	Computer Aided Mapping

GEOGRAPHY ELECTIVE

GEOG	1301	Physical Geography
GEOG	1302	Cultural Geography
GEOG	1303	World Regional Geography
GEOG	2312	Economic Geography

* Choose from core curriculum

** Equivalent BCIS or COSC course may be substituted in the person has taken the college entrance test. BCIS or COSC is the preference over ITSE because it transfers more easily to four-year institutions.

LEVEL I – CERTIFICATE (TSI WAIVED*)

GEOGRAPHIC INFORMATION SYSTEMS

First Semester

GISC	1301	Cartography and Geography in GIS/GPS	3
GISC	1311	Introduction to GIS	3
GEOG	1300	Principles of Geography or Geography Elective	3
DFTG	1309	Basic Computer-Aided Drafting	3
Elective		Program Related.....	3
		Total Hours	15

Second Semester

GISC	2301	Data Acquisition and Analysis in GIS.....	3
GISC	2311	Geographic Information Systems (GIS) Applications	3
SRVY	1301	Introduction to Surveying	3
ITSW	1307	Introduction to Database	3
Elective		Program Related.....	3
		Total Hours	15
		GRAND TOTAL.....	30

Program Related Electives

GISC	1321	Introduction to Raster-Based GIS
GISC	1391	Special Topics in Cartography
GISC	2320	Intermediate Geographic Information Systems
DFTG	2330	Civil Drafting
IMED	1316	Web Design I
IMED	2315	Web Design II
ITSC	1315	Project Management Software
ITSE	1311	Beginning Web Page Programming
ITSE	1329	Programming Logic and Design**
ITSE	1331	Introduction to Visual BASIC Programming**
ITSW	1310	Introduction to Presentation Graphics Software
SRVY	1309	Surveying Measurement
SRVY	1315	Survey Calculations

* Refer to page 47 for Texas Success Initiative (TSI) information

** Equivalent BCIS or COSC course may be substituted if the person has taken the college entrance test. BCIS or COSC is the preference over ITSE because it transfers more easily to four-year institutions.

Many courses have competency prerequisites that are identified as R, reading intensive; W, writing intensive, and M, math intensive.

HEALTH PROFESSIONS

BIOTECHNOLOGY

Biotechnology is the use of living organisms and/or biological processes to discover new information, solve problems or to make useful products such as vaccines and therapeutic drugs. The goal of the Biotechnology degree and certificate programs is to prepare students to work as Biotechnology Technicians in a variety of exciting fields, such as medical research, agriculture, biomanufacturing, the environmental sciences, and forensics. The curriculum provides a strong foundation in biology, chemistry, microbiology, math and statistics. Specialized biotechnology courses emphasize theory and hands-on experience with cutting edge techniques, technologies, laboratory operations, and instrumentation. Students obtain a working knowledge of molecular biology, tissue cultures, protein separation and purification, DNA/RNA methodologies, proteomics and genomics. In addition, students will learn about bioethics, laboratory safety procedures, verbal and scientific communication, professional conduct, laboratory operations, data interpretation, bioinformatics, quality control and manufacturing practices. The degree program culminates with an Internship or Capstone experience in a local biotechnology/medical research laboratory.

In addition to the Associate in Applied Science (AAS) Degree in Biotechnology, an Advanced Technical Certificate (ATC) in Biotechnology is offered for those students who already have a degree in a related biological or chemistry area. An Enhanced Skills Certificate (ESC) in Genomics and Proteomics is offered as well to students who already possess at least an A.A.S. in Biotechnology or related biological science and who wish to advance their education in the areas of Genomics and Proteomics.

The Biotechnology curriculum is designed not only to prepare the graduate for an entry-level position in the rapidly expanding field of biotechnology, but also to provide a foundation for students who wish to continue on to a bachelor's degree and/or graduate degree in the sciences.

Requirements for the Associate of Applied Science Degree in Biotechnology

In order to graduate from Temple College and receive the Associate of Applied Science (AAS) in Biotechnology, the student must meet the following degree requirements:

1. Six semester hours of English: ENGL 1301 and 2311
2. Six semester hours in social/behavioral sciences and fine arts/humanities: PSYC 2301 or SOCI 1301 and Fine/Arts Humanities Elective
3. Eight semester hours in biology: BIOL 1406 and BIOL 2421
4. Six semester hours in math: MATH 1314 and MATH 2342
5. Eight semester hours in chemistry: CHEM 1311, CHEM 1111, and CHEM 1408
6. Seven to eight hours of biology or chemistry from stated prerequisites.
7. All required BITC program courses (total of 25 semester hours).
8. Successful completion of the full-time 12 week Internship/Capstone experience with all acceptable criteria met (i.e., attendance, objectives, skills, acceptable affective score, etc.)
9. The student must be enrolled at Temple College the semester immediately prior to the Internship Capstone experience.
10. At least 71 hours of course credit.
11. A grade of "C" (2.0) or better in all courses.
12. Completion of all course work for the degree or certificate within 5 years.
13. The student must be enrolled in Temple College during the semester of his/her graduation.
14. Also see "Graduation Requirements – Requirements for Associate Degrees and Certificates."

General Biotechnology Degree Requirements

Biotechnology major students (degree or certificate) must meet the following requirements:

1. Attend a Biotechnology Information Session (call the Biotechnology Department at 254-298 8638 for dates and times) prior to enrolling the biotechnology program courses, or;
2. Schedule an appointment with the Department Chair or designated biotechnology faculty member to discuss the degree plan, during, or immediately after taking BITC 1411/BIOL 1414, Introduction to Biotechnology.
3. Pick up a Biotechnology Program Information/Application Packet from the department office at the Texas Bioscience Institute (TBI) office and complete all required forms. The program application and all other signed forms are to be turned into the Department as soon as the student has declared

Biotechnology as the degree or certificate program they wish to pursue.

4. Satisfactorily complete all biotechnology, BITC, courses and an approved Internship/Capstone experience.
5. Completion of Biotechnology courses and all other course work with a grade of "C" (2.0)
6. Submit an Application for Internship packet at least one semester before anticipated enrollment in the Internship course, BITC 2587 (see Internship Requirements).

Internship Requirements (BITC 2587)

Successful completion of the Internship is a requirement of the A.A.S. degree and Advanced Technical Certificate (ATC) in Biotechnology. Requirements for the Internship are as follows:

1. Students must make a grade of "C" or better in all biotechnology and prerequisite course work to enroll in the Internship.
2. A completed Biotechnology Program application form and all other signed forms on file in the Biotechnology Program office.
3. Students must complete all other degree/certificate requirements before enrolling in the Internship course.
4. Students must be enrolled at Temple College the semester before they begin their Internship.
5. A completed Application for Internship packet must be submitted at least one semester before enrolling in the Internship.

The packet is available from the Biotechnology Department office and includes:

- a. Application for Internship form.
- b. Proof of an acceptable criminal background check (contact the department for more information). An unacceptable criminal background check may prevent a student from completing the Internship and receiving the degree or certificate from Temple College.
- c. Proof of Liability Insurance form (available through the college for a small fee).
- d. A Health Form indicating up-to-date immunizations (i.e., tetanus, diphtheria, mumps, measles, rubella, and varicella), including a series of Hepatitis B vaccinations, and a current physical examination report (within the last 6 months) indicating medical clearance to participate in the Internship. Hepatitis B vaccinations should be started and preferably completed before beginning the Internship.
- e. A drug screen must be completed within 60 days of beginning the Internship.
6. Attend a mandatory Biotechnology Department Internship Orientation immediately prior to starting the Internship. Contact the department for the scheduled date.
7. Attend/complete an internship site orientation session, if required.

The most up-to-date information regarding the Biotechnology degree and certificate programs may be viewed on the Temple College biotechnology web site at <http://www.templejc.edu/dept/Biotech/Biotech.htm>.

Essential Functions

To be successful in the biotechnology curriculum and a career in any biotechnology field, students should be able to perform the following Essential Functions of the profession:

- maneuver sufficiently to perform work-related laboratory tasks in a timely manner;
- communicate effectively and professionally with peers, staff, and faculty;
- read and comprehend text, numbers and graphs displayed in print, on video and instrument displays and printouts;
- demonstrate written and oral proficiency in the English language without assistance;
- interpret reactions on slides, media plates and in test tubes, etc., by visual characteristics and/or odor;
- exhibit the manual dexterity necessary to process specimens, operate and repair laboratory instruments, equipment and computers; perform delicate procedures and all other aspects of laboratory operations that require eye-hand coordination;
- regularly meet the activity schedule of the didactic and internship instructors and supervisors to satisfy all performance requirements (objectives) of all internship sites and didactic instruction to include transportation to all internship sites;
- carry or lift objects weighing up to 15 pounds;

- work quickly and accurately under stress, possessing the emotional and mental health to make sound judgments and complete all responsibilities;
- work in a thorough, safe, careful, efficient, responsible and organized manner, alone, or as a laboratory/work-group member;
- logically correlate information/data in order to solve problems;
- demonstrate ethical judgment, integrity, honesty, common sense and accountability in the internship work setting when dealing with peers, faculty, and staff;
- use interpersonal skills such as cooperation, confidentiality and attentiveness in a positive and tactful manner;
- measure, analyze, synthesize, integrate and apply information as it relates to a biotechnology laboratory;
- successfully complete written, oral or computer-based exams and assignments independently;
- follow verbal and written instructions in order to correctly and independently perform biotechnology laboratory procedures, and
- pay close attention to details in the performance of all laboratory tasks.

ASSOCIATE OF APPLIED SCIENCE DEGREE BIOTECHNOLOGY RECOMMENDED COURSE SEQUENCE

First Year

Fall Semester

BIOL	1406	Biology for Science Majors I.....	4
CHEM	1311	General Chemistry I.....	3
CHEM	1111	General Chemistry Laboratory I.....	1
MATH	1314	College Algebra (or higher).....	3
ENGL	1301	English Composition I.....	3
ELECTIVE		Fine Arts/Humanities.....	3
Total Hours.....			17

Spring Semester

BITC	1411/BIOL 1414	Introduction to Biotechnology.....	4
CHEM	1408	Introduction to Chemistry II (Bio-Organic).....	4
ENGL	2311	Technical and Business Writing.....	3
MATH	2342	Elementary Statistical Methods.....	3
BIOL	2421	Microbiology for Science Majors.....	4
Total Hours.....			17

Summer Semester (6 Weeks)

ELECTIVE	Social/Behavioral Science (PSYC 2301 or SOCI 1301 recommended).....	3
Total Hours.....		37

Second Year

Fall Semester

BITC	1302	Biotechnology Laboratory Methods and Techniques.....	3
BITC	2431	Cell Culture Techniques.....	4
BITC	2411	Biotechnology Laboratory Instrumentation.....	4
ELECTIVE		BIOL 2316 Genetics, or BIOL 2404 Anatomy & Physiology, or BIOL 2401 Anatomy & Physiology I (must take BIOL 2402 A&P next semester) CHEM 1312/1112 General Chemistry II and Laboratory.....	3-4
Total Hours.....			15-16

Spring Semester

BITC	1250	Special Studies & Bioethical Issues of Biotechnology	2
BITC	2441	Molecular Biology Techniques.....	4
BITC	2445	Medical Biotechnology	4
ELECTIVE		BIOL 2316 Genetics, or BIOL 2402 Anatomy & Physiology II, or CHEM 1312/1112 General Chemistry II and Laboratory	3-4
		Total Hours	13-14

Summer Semester (12 Weeks)

BITC	2587	Internship – Biotechnology Laboratory Technician.....	5
		Total	5
		TOTAL HOURS	71-72

ADVANCED TECHNICAL CERTIFICATE IN BIOTECHNOLOGY

The Advanced Technical Certificate allows students with a previous background in the sciences or a degree in the sciences (i.e., minimum of AAS or AA degree or junior level standing with a minimum of 64 semester hours) to obtain the skills necessary for employment in the rapidly expanding and exciting biotechnology related professions, particularly biomedical research.

The curriculum for the ATC consists of the biotechnology program courses of the AAS degree program and an Internship in a biotechnology laboratory. Students should have a strong science/math background. It is recommended that any science related degree or science courses be completed within the last 5 years. A program application and approval of the Biotechnology Department Chair is required for enrollment.

Prerequisites: Science (biology) related degree and

BITC	1411/BIOL 1414	Introduction to Biotechnology	4
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Fall Semester

BITC	1302	Biotechnology Laboratory Methods and Techniques	3
BITC	2431	Cell Culture Techniques	4
BITC	2411	Biotechnology Laboratory Instrumentation	4
ELECTIVE		BIOL 2316 Genetics, or BIOL 2404 Anatomy & Physiology, or BIOL 2401 Anatomy & Physiology I (must take BIOL 2402 A&P next semester) CHEM 1312/1112 General Chemistry II and Laboratory	3-4
		Total Hours	15-16

Spring Semester

BITC	1250	Special Studies & Bioethical Issues of Biotechnology	2
BITC	2441	Molecular Biology Techniques	4
BITC	2445	Medical Biotechnology	4
ELECTIVE		BIOL 2316 Genetics, or BIOL 2402 Anatomy & Physiology II, or CHEM 1312/1112 General Chemistry II and Laboratory	3-4
		Total Hours	13-14

Summer Semester (12 Weeks)

BITC	2587	Internship – Biotechnology Laboratory Technician	5
		Total	5
		TOTAL HOURS	34-35

ENHANCED SKILLS CERTIFICATE IN GENOMICS/PROTEOMICS

The Enhanced Skills Certificate (ESC) in Genomics/Proteomics allows students with an A.A.S. in Biotechnology to pursue an advanced educational experience in genomics and proteomics. A completed Biotechnology Program application and approval of the Biotechnology Department Chair and/or instructor is required for enrollment.

Prerequisite: Approval of the Biotechnology Department Chair/Instructor and BIOL 2316, Genetics.

BIOL	2316	Genetics	3
BITC	2459	Human Genomics	4
BITC	2455	Proteomics	4
		TOTAL HOURS	11

DENTAL HYGIENE

This program prepares dental hygiene students to be primary oral health-care professionals who play a key role in promoting oral health through educational, preventive and therapeutic services. The curriculum consists of general education, biomedical sciences, dental sciences, and dental hygiene sciences all provided within a framework of academic and clinical experience.

An Associate of Applied Science degree is awarded upon graduation. Dental hygienists have employment opportunities in general and specialty dental practices and clinics, pharmaceutical and dental supply companies, community health agencies, education and research institutions, and management settings. Dental Hygiene program graduates must pass the on-line National Board Examination, Regional and/or State Examination, and a state jurisprudence examination to be eligible to apply for state licensure.

Students desiring admission to the program must first meet the basic entrance requirements for Temple College and then apply for admission to the Dental Hygiene Program. Enrollment is limited and admission is competitive. Special program admission criteria and procedures are necessary to be accepted into the program.

Program Admission Criteria

Applicants must meet the following requirements:

1. It is highly recommended that students attend a pre-application Dental Hygiene Program Information Session.
2. Complete the Temple College admission procedure.
3. Pass all three sections of the Texas Success Initiative.
4. Provide copies of all relevant transcripts: 1) high school or GED; 2) college/university; and 3) other
5. Provide official transcript of course grades. Prerequisite courses required prior to the application deadline are: BIOL 2401, BIOL 2421, CHEM 1305, and CHEM 1105. Completion of BIOL 2402 is required prior to enrolling in DHYG 1301 and DHYG 1431. Applicants must have a minimum of a "C" or better in each course. A minimum cumulative grade point average (GPA) of 2.5 is required for admission to the Dental Hygiene Program. Biological science courses must have been taken within the past five years.
6. Pass the pre-entrance departmental aptitude test, the HOBET.
7. Complete a Dental Hygiene Program Admissions Application form.
8. Demonstrate competency in fundamental mathematical skills by a placement test score of a minimum performance level in elementary algebra.
9. Completion of the above admission criteria does not guarantee admission to the Dental Hygiene Program. The highest qualified applicants will be ranked according to scores of the program admission criteria. Twelve applicants will be accepted each year.
10. Upon conditional acceptance into the program, the following must be provided:
 - a. Pre-entry physical and visual acuity examinations (prior to beginning the Dental Hygiene Program and annually thereafter), including proof of required immunizations;
 - b. Documentation of current Cardiopulmonary Resuscitation Certification for the Health Care Provider (prior to beginning the Dental Hygiene Program and annually thereafter).
 - c. Documentation of student professional liability insurance, and must remain current thereafter. Deadline for applying to the Dental Hygiene Program is January 20. Letters of notification will be mailed by March 1. Accepted applicants have until March 15 to notify the Program Director in writing of applicants' intentions.

REQUIREMENTS FOR ASSOCIATE OF APPLIED SCIENCE DEGREE IN DENTAL HYGIENE

To graduate with a Temple College Associate of Applied Science degree in Dental Hygiene, the following requirements must be met:

1. Six semester hours of English: ENGL 1301 and 2311. ENGL 1302 may be used instead of ENGL 2311 if the student also takes three hours of speech: SPCH 1311, 1321, 1318, or 1315.

2. Eight semester hours of human anatomy and physiology: BIOL 2401 and 2402; four semester hours of chemistry: CHEM 1305 and CHEM 1105; and four semester hours of microbiology: BIOL 2421.
3. Six semester hours in social and behavioral sciences: PSYC 2301 and SOCI 1301.
4. Three semester hours in fine arts or humanities to be selected from the disciplines of art, history, literature, music, speech (excluding SPCH 1311, 1321, 1318, and 1315), and theater. Students may select one course of three semester hours credit or several courses totaling three semester hours credit.
5. At least 72 semester hours of course credit, exclusive of all 0000-level courses.
6. Included in the 72 semester hours of course work must be all of the required dental hygiene courses for a total of 41 hours credit.
7. The student must be enrolled in Temple College during the semester of his/her graduation.
8. The student must have completed the last 18 semester hours of the work toward graduation at Temple College or have earned a total of 32 semester hours of TC work applicable toward the graduation requirements.
9. For any variation from the above prescribed requirements to be counted toward graduation, a written statement to this effect, signed by the Dental Hygiene Department Chairperson and the Vice President of Educational Services must be on file in the student's record folder.

ASSOCIATE OF APPLIED SCIENCE DEGREE DENTAL HYGIENE

PREREQUISITES

CHEM	1305	Introductory Chemistry I and CHEM 1105	4
BIOL	2421	Microbiology.....	4
BIOL	2401	Human Anatomy and Physiology I	4
MATH		Competency Demonstration	
BIOL	2402	Human Anatomy and Physiology II.....	4
		Total Hours	16

FIRST YEAR

Summer Semester (12 Weeks)

DHYG	1301	Embryology and Head and Neck Anatomy	3
DHYG	1327	Preventive Dental Hygiene Care.....	3
		Total Hours	6

Fall Semester

DHYG	1431	Preclinical Dental Hygiene.....	4
DHYG	1304	Dental Radiology	3
DHYG	2201	Contemporary Dental Hygiene Care I.....	2
ENGL	1301	Composition I	3
		Total Hours	12

Spring Semester

DHYG	1311	Periodontology	3
DHYG	1260	Clinical-Dental Hygienist I.....	2
DHYG	1207	General and Dental Nutrition	2
DHYG	2231	Contemporary Dental Hygiene Care II.....	2
PSYC	2301	General Psychology	3
		Total Hours	13

SECOND YEAR

Summer Semester

DHYG	1219	Dental Materials	2
DHYG	1235	Pharmacology for the Dental Hygienist.....	2
		Total Hours	4

Fall Semester

DHYG	2361	Clinical-Dental Hygienist II	3
DHYG	1315	Community Dentistry	3
DHYG	1239	General and Oral Pathology	2
SOCI	1301	Introduction to Sociology	3
ENGL	2311	Technical/Business Writing	3
		Or	
ENGL	1302	Composition II and	
		Speech SPCH 1311, 1315, 1318, or 1321	3
		Total Hours	14

pring Semester

DHYG	2262	Clinical-Dental Hygienist III	2
DHYG	1123	Dental Hygiene Practice	1
DHYG	1291	Special Topics in Dental Hygiene	2
Elective		Fine Arts/Humanities	3
		Total Hours	8
		GRAND TOTAL	72



DIAGNOSTIC MEDICAL SONOGRAPHY

The Diagnostic Medical Sonography program is designed to prepare the student for an entry-level position as a Diagnostic Medical Sonographer. The DMS program consists of experiences, both didactic and practical, that develop the individual's potential to provide diagnostic quality sonograms. The foundation for this is derived from understanding Sonographic physics and application of these principles, and understanding the relationship of anatomical structures to produce diagnostic sonograms. The faculty facilitates learning opportunities that provide the student exposure to knowledge, skills, technology, and belief systems necessary for the practice of Sonography. These learning opportunities draw from and build on each other to provide progression in the development of sonographic skills. Course work specific to Diagnostic Medical Sonography and the general core curriculum, as outlined by the college, comprises the formal education plan for the ATC and AAS degree Sonography student.

It is the goal of the DMS team in conjunction with the support services at Temple College to:

1. Prepare graduates to successfully challenge the ARDMS Boards through didactic education and clinical experience.
2. Prepare students to be successful in meeting the challenges of being a Sonographer.
3. Provide a high quality educational experience for all students.
4. Provide tutoring and online tutoring to all students to help ensure their success in the Program.
5. Provide students with an awareness of the significance of continuing education and instill in them the desire to continue their education after graduation.
6. Teach students to practice Sonography within an ethical and legal framework consistent with ARDMS and SDMS standards.
7. Teach students to use critical thinking to analyze clinical data and current literature as a basis for decision making in Sonography.
8. Prepare competent entry level Sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

Admission to the Diagnostic Medical Sonography Program

Students desiring admission to the DMS program must:

1. Complete the Temple College admission procedure and achieve admission to Temple College.
2. Attend a DMS information session. Dates and times are posted on the Temple College webpage www.templejc.edu
3. Complete the HOBET test with a minimum of 70 in math and reading. (Limit of taking the HOBET test twice.)
4. Texas Success Initiative scores – All candidates should have passed all three parts of an assessment test by this time in order to be considered for enrollment in the DMS program.
5. Furnish all official transcripts from all schools attended including all prerequisite course grades.
 - a. The prerequisites must be completed prior to the start of the DMS program, with a minimum of a C in each course and a collective GPA of 2.5. Students who apply for admission while completing the prerequisites may furnish transcripts after the application process prior to the start of the DMS program.
 - b. If you are eligible to sit for an allied health care board exam (ARRT, RN, LVN/LPN, RRT) you must successfully pass your boards prior to being admitted into the DMS program.
6. Admission into the DMS program is competitive. Competitive selection of students may become necessary if the number of applicants exceeds the number of seats available. (Provided there is a tie in the total point score the selection of students for a seat in the DMS program is at the discretion of the DMS Admissions Committee composed of Allied Health Professionals, the DMS Program Chair, and the Associate Vice President of Health Professions.)
7. Two letters of reference completed on the form provided in the application packet.
8. Document verification of the completion of a series of mandated immunization. Documentation should be submitted at the time of application.
 - a. Tetanus, diphtheria, mumps, measles, rubella, varicella, and Hepatitis B.
 - i. The first two inoculations in the Hepatitis B series must be completed by the end of August.
 - ii. **Students shall receive a complete series of Hepatitis B vaccine prior to the start of direct patient care.**
 - b. Document a negative TB skin test or X-ray within the previous 3 months.

9. Written documentation of a complete physical exam within six months prior to beginning the DMS program, verifying good physical and mental health with required immunizations and receive medical clearance to participate in the program.
10. Interview with the DMS Admissions Committee. Interviews are requested by the DMS Admissions Committee. Those applicants selected for the interview process will be provided with a date and time for the interview.
11. After satisfactory completion of the above admission process, applicants will be notified by letter if they were accepted into the program.
12. After conditional acceptance to the program, the following must be completed:
 - a. Contact the DMS Chair to schedule a shadow session.
 - b. A satisfactory criminal background history check (specific instructions will be given). Any healthcare facility associated with Temple College may also require an additional criminal background check. Permission to perform the criminal background history check must be given by the student.
 - i. Failure to give permission will result in dismissal from the program. It will be necessary to dismiss a student from the DMS program if they are barred from practicing at any healthcare facility.
 - ii. Future employment and licensing may be affected by the results of a criminal background history check. The criminal background check must be completed no more than 30 days prior to the beginning of the program.
13. Drug screenings are performed as a condition of acceptance into the Diagnostic Medical Sonography Program at Temple college.
 - a. A positive drug screen without a Physician's supporting documentation will result in being denied a seat in the DMS Program or immediate dismissal from the DMS Program without eligibility for reinstatement
 - b. Additional drug screening can be requested at any time by Temple College or any clinical site during enrollment in the DMS Program at Temple College. Failure to give permission will result in dismissal from the DMS Program without eligibility for reinstatement
14. Provide written documentation of successful completion of a CPR course designed for health care providers (e.g., **Basic Cardiac Life Support for Health Care Providers from the American Heart Association** or **CPR for the Professional Rescuer from the American Red Cross**). No student will be permitted in the clinical setting without current documentation on file (must remain current throughout the DMS program).
15. Attend a program orientation meeting.
16. All DMS students will be required to purchase professional liability insurance at the time of registration. Additional expenses incurred as part of the program are the responsibility of the student. (See DMS Program Chair for additional information.)
17. If you have not completed #12 of the above within a week of the start of the DMS program you risk being dropped from the program.

Uniforms and other supplies

Students enrolled in the DMS Program at Temple College must purchase uniforms. The cost of uniforms is not included in any Temple College fees. Additional expenses incurred as part of the program are the responsibility of the student.

Student Travel Policy

A significant portion of the rotations must take place at clinical sites. These clinical sites may not be all located in Temple. Temple College and the DMS department assume no responsibility for expenses incurred as a result of travel or transportation that must be arranged to satisfy course requirements.

Liability Insurance

All students accepted into the DMS program will be required to purchase professional liability insurance at the time of registration. The cost of professional liability insurance is not included in any Temple College fees. Additional expenses incurred as part of the program are the responsibility of the student.

Requirements for an Associate of Applied Science Degree in Diagnostic Medical Sonography

In order to graduate from Temple College and receive the Associate of Applied Science Degree in Sonography, the student must meet the following requirements.

1. Completion of all prerequisites and general education course electives with a minimum of a 2.0 in each course with a collective GPA of 2.5
 - a. Composition I ENGL 1301
 - b. College Algebra MATH 1314 (Will accept Statistics or higher level mathematics course.)
 - c. Elementary Physics PHYS 1405 (Will accept Radiography Physics)
 - d. Anatomy and Physiology BIOL 2404 (OR Anatomy and Physiology I BIOL 2401 and Anatomy and Physiology II BIOL 2402)
2. Seventy-two semester hours of course credit, exclusive of the developmental courses. Each course must be completed with a C grade or better. Included in the 72 semester hours of course work are the 49 hours of DMS Core courses. Each DMS core course must be completed in the required sequence with a C grade or better.
3. Pass the exit exam with a 2.0 or higher. The exit exam is a comprehensive review exam covering all material during the student's tenure.
4. Completion of the Application for Graduation by deadline date.

ASSOCIATE OF APPLIED SCIENCE DIAGNOSTIC MEDICAL SONOGRAPHY

Prerequisites

MATH	1314	College Algebra.....	3
PHYS	1405	Elementary Physics (will accept Radiographic Physics)	4
ENGL	1301	Composition I	3
BIOL	2404	Anatomy and Physiology	4
Total Hours			14

FIRST YEAR

Fall 1

Session I

DMSO	1302	Basic Ultrasound Physics.....	3
DMSO	1110	Introduction to Sonography	1
DSVT	1103	Introduction to Vascular Technology	1
Total Hours			5

Session II

DMSO	1342	Intermediate Ultrasound Physics.....	3
DMSO	1441	Abdominopelvic Sonography.....	4
Total Hours			12

Spring I Semester

DMSO	2441	Sonography of Abdominopelvic Pathology	4
DMSO	2351	Doppler Physics	3
PSYC	2301	General Psychology	3
DMSO	1361	Clinical I – Diagnostic Medical Sonography	3
Total Hours			13

Summer Semester (12 weeks)

DMSO	2405	Sonography of Obstetrics and Gynecology.....	4
DMSO	2363	Clinical II - Diagnostic Medical Sonography	3
Total Hours			7

SECOND YEAR

Fall II Semester

DMSO	2442	Sonography of High Risk Obstetrics.....	4
DMSO	2354	Neurosonology.....	3
HUMA	XXX	Humanities Elective	3
DMSO	2366	Practicum I – Diagnostic Medical Sonography	3
Total Hours			13

Spring II Semester

DMSO	2245	Advanced Sonography Practices.....	2
DMSO	2230	Advanced Ultrasound and Review.....	2
DMSO	2353	Sonography of Superficial structures.....	3
DMSO	2367	Practicum II – Diagnostic Medical Sonography	3
ENGL	2311	Technical and Business Writing.....	3
		OR ENGL 1302 Composition II AND SPCH 1311	
		Introduction to Speech Communications	
		Total Hours.....	13
		GRAND TOTAL HOURS	72

Exit Exam: Students is required to pass the comprehensive exit exam to be eligible to graduate.

Requirements for an Advanced Technical Certificate in Diagnostic Medical Sonography

To be eligible for an Advanced Technical Certificate the student must meet the following requirements

1. Have an Associates or Bachelors in Radiologic Technology*
 - a. Have successfully challenged the ARRT boards
 - b. Be in good standing with the ARRT
 - c. Have maintained a 2.0 or higher in each course with a collective GPA of 2.5 in the core courses.
2. Have an Associates or Bachelors degree in any health care discipline other than Radiologic Technology that incorporated the following courses into their curriculum:*
 - a. College Algebra
 - b. General Physics
 - c. Composition I
 - d. Anatomy and Physiology BIOL 2404 (OR Anatomy and Physiology I BIOL 2401 and Anatomy and Physiology II BIOL 2402)
3. Complete of all previous courses with a 2.0 or higher in each course with a collective GPA of 2.5 in the core courses.
4. If eligible to sit for an allied health care board exam, student must have successfully passed boards and be in good standing with the credentialing body.

*if your degree plan did not include “a-d” listed in #2 above student will be required to complete those courses with a minimum of 2.0 prior to being considered for a seat in the DMS program.

In order to graduate from Temple College and receive the Advanced Technical Certificate in Sonography, the student must meet the following requirements.

1. Complete 49 hours of course credit in the required sequence with a minimum of a 2.0 in each course.
2. Pass the exit exam with a 2.0 or higher. The exit exam is a comprehensive review exam covering all material during the students tenure in the program.
3. Complete of the Application for Graduation by deadline date.

ADVANCED TECHNICAL CERTIFICATE DIAGNOSTIC MEDICAL SONOGRAPHY

FALL I**Session I**

DMSO	1302	Basic Ultrasound Physics.....	3
DMSO	1110	Introduction to Sonography	1
DSVT	1103	Introduction to Vascular Technology	1
		Total Hours	5

Session II

DMSO	1342	Intermediate Ultrasound Physics.....	3
DMSO	1441	Abdominopelvic Sonography.....	4
		Total Hours	12

Spring I Semester

DMSO	2441	Sonography of Abdominopelvic Pathology	4
DMSO	2351	Doppler Physics	3
DMSO	1361	Clinical I – Diagnostic Medical Sonography	3
		Total Hours	10

Summer Semester (12 weeks)

DMSO	2405	Sonography of Obstetrics and gynecology	4
DMSO	2363	Clinical II - Diagnostic Medical Sonography	3
		Total Hours	7

SECOND YEAR**Fall II Semester**

DMSO	2442	Sonography of High Risk Obstetrics.....	4
DMSO	2354	Neurosonology.....	3
DMSO	2366	Practicum I – Diagnostic Medical Sonography	3
		Total Hours	10

Spring II Semester

DMSO	2245	Advanced Sonography Practices.....	2
DMSO	2230	Advanced Ultrasound and Review	2
DMSO	2353	Sonography of Superficial structures.....	3
DMSO	2367	Practicum II – Diagnostic Medical Sonography	3
		Total Hours	10
		GRAND TOTAL HOURS	49

Exit Exam: Student is required to pass the comprehensive exit exam to be eligible to graduate.



DIAGNOSTIC MEDICAL SONOGRAPHY



2011-2012 Temple College Catalog

EMERGENCY MEDICAL SERVICES PROFESSIONS

THE PROFESSION AND THE PROGRAM

The primary role of Emergency Medical Services (EMS) professionals is providing patient care in pre-hospital settings and during transfers of patients between health care facilities. They respond to requests for out-of-hospital health care, assess patients, initiate treatment under written or verbal orders from a physician, and transport patients to appropriate facilities. Care that otherwise would be available only in an emergency department is taken into the community. EMS professionals also care for patients who are being transported between health care facilities, both in ground vehicles and on aircraft.

Employers of EMS professionals include ambulance services, fire departments, law enforcement agencies, and aeromedical transport services. In some areas, EMS professionals work in hospital emergency departments and critical care units. With additional education and experience, they also fill positions in EMS systems administration, industrial health and safety, emergency management, and emergency services education.

The Emergency Medical Services (EMS) Professions Department provides course work necessary to prepare students for practice as competent entry-level: (1) EMT-Basics, (2) EMT-Intermediates, or (3) Paramedics. Graduates are eligible for the certification exams offered by the National Registry of Emergency Medical Technicians (NREMT) and for certification or licensure by the Texas Department of State Health Services (DSHS). The EMS Professions Department also offers course work to prepare students for advanced practice as a Critical Care Paramedic. Students who complete the CCP courses can take the certification exam offer by the Board of Critical Care Transport Paramedic Certification.

A two-year program leads to an Associate of Applied Science degree in Emergency Medical Services. Students who have an A.A.S in Emergency Medical Services and who complete the Critical Care Paramedic courses will be awarded an Enhanced Skills Certificate. EMT-Intermediate and Paramedic Certificates of Completion are available for students who do not wish to pursue an associate's degree. The Department offers courses at both Temple and Taylor.

ADMISSION TO THE DEPARTMENT

There is no discrimination based on race, color, religion/creed, age, sex, disabling conditions, handicaps, or national origin. To be admitted to the EMS program, students must first meet the basic entrance requirements for admission to Temple College. However, admission to Temple College does not constitute automatic acceptance into the EMS program.

Applicants who believe they have a disability that will require accommodations during the application process or during their enrollment should contact the EMS Professions Department as early as possible. Students must be able to successfully complete all course and program requirements.

Persons enrolling in the EMT-Basic course (EMSP 1501/1160) must:

1. Apply for and achieve admission to Temple College.
2. Hold a high school diploma or a GED. (High school seniors may enroll but they must hold a high school diploma and be 18 years old to become eligible for certification.)
3. Document immunization against tetanus, diphtheria, mumps, measles, rubella, varicella, and hepatitis B (Some immunization series require five month to complete. Students must have all immunization completed prior to beginning the clinical rotations).
4. Document results from a tuberculosis skin test or chest x-ray performed within the previous 6 months.
5. Submit a completed EMT application packet.
6. Satisfy drug screening requirements (Refer to EMT Basic Application).
7. Satisfy criminal background requirements (Refer to EMT Basic Application).
8. Satisfy CPR requirements (Refer to EMT Basic Application).

A completed EMT application portfolio must be submitted according to deadlines established by the EMSP Department. The portfolio must include:

1. Verification of immunization against tetanus, diphtheria, mumps, measles, rubella, varicella, and hepatitis B.
2. Results from a tuberculosis skin test or chest x-ray performed within the last 6 months.
3. Documentation of high school graduation or a GED.
4. Documentation of current CPR certification.

The number of students in the EMT program is limited by spaces available for clinical experience in affiliated hospitals and EMS provider organizations. Enrollment is available on a first-come, first-served basis.

Persons enrolling in the Intermediate or Paramedic course must:

1. Apply for and achieve admission to Temple College
2. Take one of the Texas Success Initiative exams or document that you are exempt from this exam.
3. Take the HOBET, or its successor. All candidates should achieve the minimum passing score established by the Department (Refer to the Advanced Application Packet).
4. Document immunization against tetanus, diphtheria, mumps, measles, rubella, varicella, and hepatitis B. (Some immunization series require five month to complete) Students must have all immunization completed prior to beginning the clinical rotations).
5. Document results from a tuberculosis skin test or chest x-ray performed within the previous 6 months.
6. Show proof of EMT-Basic certification (NREMT or Texas DSHS). (Students who have completed an EMT course and are in the process of obtaining EMT certification are eligible to enroll.)
7. Submit a completed advanced application packet. Applicants for the intermediate or paramedic program who have completed an EMT-Basic course but who do not yet hold EMT-Basic certification may be accepted with the provision that they obtain EMT-Basic certification before starting clinical rotations during the first semester of advanced course work.
8. Satisfy criminal background requirements (Refer to Advanced Application Packet).
9. Satisfy drug screening requirements (Refer to Advanced Application Packet).
10. Satisfy CPR requirements (Refer to Advanced Application Packet).

Students are accepted for advanced course work beginning in the Fall semester at Taylor and in the Spring semester at Temple.

A completed advanced application portfolio must be submitted according to deadlines established by the EMSP Department. The portfolio must include:

1. An assessment score or documentation of exemption (ACCUPLACER, THEA, COMPASS, etc.).
2. Results of the HOBET, or its successors results
3. Results of the Department's comprehensive EMT-Basic examination. Students who successfully complete EMSP 1501 from Temple College are exempt from taking this examination and may substitute their score on the EMSP 1501 final examination.
4. Verification of immunization against tetanus, diphtheria, mumps, measles, rubella, varicella, and hepatitis B.
5. Results from a tuberculosis skin test or chest x-ray performed within the last 6 months.
6. Documentation of high school graduation or a GED.
7. Copies of all relevant academic transcripts: high school, college or university, military service schools, other (proprietary schools).
8. Documentation of EMT-Basic certification. Students who are currently enrolled in an EMT-Basic course or who have completed EMT-Basic course work and are engaged in the credentialing process should provide a statement to this effect.
9. Documentation of current CPR certification.
10. A resume or curriculum vitae showing work history with emphasis on EMS experience.

After a completed application portfolio is on file, an interview with at least one member of the EMSP faculty will be scheduled. Letters regarding admission status will be mailed within two weeks of interviews. If an application is rejected, the applicant may request a hearing before the Department Chairman. Requests must be submitted in writing and must include the reasons why the application should be reconsidered.

The number of students in the program is limited by spaces available for clinical experience in affiliated hospitals and EMS provider organizations. Competitive selection of students may become necessary if the number of applicants exceeds the number of seats available. In this event, a committee consisting of the Medical Director and EMSP faculty will review applicants. Factors that may be considered should competitive selection become necessary include:

1. Previous academic performance.
2. Results of the HOBET, or its successors results
3. Comprehensive departmental EMT-Basic exam scores (or scores on the EMSP 1501 comprehensive final examination).
4. Interview results.
5. Prior work experience in EMS.
6. Temple College service area residency status.
7. Employment by one of the Department's clinical affiliates

Persons enrolling in the Critical Care Paramedic course must:

1. Apply for and achieve admission to Temple College
2. Document immunization against tetanus, diphtheria, mumps, measles, rubella, varicella, and hepatitis B.
3. Document results from a tuberculosis skin test or chest x-ray performed within the previous 6 months.
4. Show proof of paramedic certification or licensure (NREMT or Texas DSHS).
5. Document at least two years experience as a paramedic.
6. Submit a completed advanced application packet.
7. Satisfy criminal background requirements (Refer to Advanced Application Packet).
8. Satisfy drug screening requirements (Refer to Advanced Application Packet).
9. Satisfy CPR requirements (Refer to Advanced Application Packet).

A completed CCP application portfolio must be submitted according to deadlines established by the EMSP Department. The portfolio must include:

1. An assessment score or documentation of exemption (ACCUPLACER, THEA, COMPASS, etc.).
2. Verification of immunization against tetanus, diphtheria, mumps, measles, rubella, varicella, and hepatitis B.
3. Results from a tuberculosis skin test or chest x-ray performed within the last 6 months.
4. Documentation of high school graduation or a GED.
5. Copies of all relevant academic transcripts: high school, college or university, military service schools, other (proprietary schools).
6. Documentation of paramedic certification or license.
7. A resume or curriculum vitae showing work history with emphasis on EMS experience.

The number of students in the CCP program is limited by spaces available for clinical experience in affiliated hospitals and EMS provider organizations. Enrollment is available on a first come first served basis.

UNIFORMS AND OTHER SUPPLIES Students enrolled in EMSP clinical courses must purchase uniforms consisting of black "pro-tuff" style pants, black boots, black belt, and a white uniform shirt. Purchase of a stethoscope also is required. The cost of clinical uniforms and equipment is not included in any College fees.

PROFESSIONAL LIABILITY INSURANCE Students will be assessed a professional liability insurance fee when they enroll in their first EMSP clinical course during an academic year. This fee will cover the cost of malpractice insurance coverage for the remainder of that academic year.

STUDENT EMPLOYMENT The decision to work while enrolled in the EMS program rests with the individual student. While students may be employed in or volunteer in the clinical setting outside of regular instructional hours, they may count time and patient care procedures toward completion of course requirements only if they are functioning in the capacity of a student on a scheduled clinical rotation.

The EMSP Department cannot guarantee that all required clinical rotations will be available at times outside of the hours of a student's regular employment. If a clinical rotation required for successful

completion of the course in which a student is enrolled is allowed only during a period of time when a student is engaged in his/her regular employment, the student will be required to arrange time off from work to complete the rotation.

STUDENT TRAVEL POLICY A significant portion of the rotations must take place at clinical sites that provide access to larger numbers of patients presenting common problems encountered in the delivery of emergency care. Temple College and the EMSP Department assume no responsibility for expenses incurred as a result of travel or transportation that must be arranged to satisfy course requirements.

CRIMINAL BACKGROUND AND DRUG SCREEN TESTING POLICY Clinical sites will require a criminal background check and a/or drug screen testing prior to beginning clinical rotations. If the student does not meet the standards set by the clinical site, the student will not be allowed to attend or complete the clinical at that site.

PROMOTION Once the student is accepted into advanced EMSP course work, it is expected that he or she will continue to progress directly to the next semester's courses. To do this, the student must:

1. Have completed all previously required EMSP courses with a grade of "C" or better.
2. Have satisfied the competency requirements for all previously required EMSP courses.
3. Maintain good academic standing according to Temple College's Minimum Academic Standards, Scholastic Probation, and Scholastic Suspension policies.
4. Meet all general Temple College requirements and be approved for registration.

The following grading scale applies to all EMSP courses:

Numerical Value	Letter Grade	Points
89.5-100	A	4.0
80.5-89.4	B	3.0
79.5-80.4	C	2.0
69.5-79.4	D	1.0
below 69.5	F	0.0

Instruction in EMSP course work is competency-based. Although minimum clock hour requirements for didactic instruction, clinical rotations, and field internship have been established, successful completion depends on the student's demonstrating proficiency in the knowledge, skills, and personal behaviors/attitudes required of an entry-level EMS professional. Paramedic students complete a field internship under the supervision of experienced preceptors. They must demonstrate the ability to apply and integrate the knowledge, skills, and personal behaviors/attitudes of an entry-level Paramedic and must receive a final evaluation of entry-level competency from their assigned preceptor(s). EMS Professions students also must successfully complete a comprehensive written exit examination and a clinical simulation/oral examination conducted at the end of the final semester.

CERTIFICATION AND LICENSURE Students who successfully complete the prescribed EMSP basic or advanced course work are eligible to take National Registry of EMT's (NREMT) examination at the appropriate level and to apply for Texas Department of State Health Service's (DSHS) certification or licensure. Students who complete the Critical Care Paramedic course work are eligible to take the Board of Critical Care Transport Paramedic Certification (BCCTPC) examination.

The NREMT and BCCTPC administers a separate process from the one used by Temple College for determining whether accommodations for disabilities will be granted during the certification examination process. Eligibility is evaluated on a case-by-case basis. Therefore, a student who receives an accommodation during a course taught at Temple College has no guarantee of receiving an accommodation for the NREMT certification examination.

The nature of EMS duties requires restrictions to be placed on credentialing of persons with criminal histories. Applicants with criminal histories who wish to take the NREMT or BCCTPC examination or be certified or licensed by DSHS are reviewed by those agencies on a case-by-case basis. Therefore, the EMSP Department is not able to advise a student with a criminal history if he/she will be eligible for certification and/or licensure upon course completion. Questions regarding certification or licensure of applicants with criminal histories should be directed to the Texas Department of State Health Services, Board of Critical Care Transport Paramedic Certification or the National Registry of EMTs.

Credentialing requirements, procedures, and fees vary significantly from state to state. It is the responsibility of a student who anticipates practicing in another state to contact the appropriate agency regarding credentialing or reciprocity procedures.

ASSOCIATE OF APPLIED SCIENCE DEGREE EMERGENCY MEDICAL SERVICES

Fall Semester

BIOL	2401	Human Anatomy and Physiology I	4
EMSP	1501	EMT-Basic	5
EMSP	1160	Clinical—EMS	1
		Total Hours	10

Spring Semester

BIOL	2402	Human Anatomy and Physiology II.....	4
EMSP	1438	Introduction to Advanced Practice	4
EMSP	2348	Emergency Pharmacology.....	3
EMSP	1356	Patient Assessment and Airway Management	3
EMSP	1162	Clinical—EMS	1
		Total Hours	15

Summer Semester

EMSP	1355	Trauma Management.....	3
EMSP	1263	Clinical—EMS	2
EMSP	2544	Cardiology.....	
5			
ITSE	1294	Information Technology in Health Care Occupations	2
PSYC	2301	General Psychology	3
		Total Hours	15

Fall Semester

EMSP	2434	Medical Emergencies	4
EMSP	2430	Special Populations.....	4
EMSP	2260	Clinical—EMS	2
ENGL	1301	Composition I	3
		Humanities Elective	3
		Total Hours	16

Spring Semester

EMSP	2143	Assessment Based Management	1
EMSP	2338	EMS Operations	3
EMSP	2135	Advanced Cardiac Life Support	1
EMSP	1147	Pediatric Advanced Life Support	1
EMSP	1149	PreHospital Trauma Life Support	1
EMSP	2460	Clinical—EMS	4
ENGL	2311	Technical Writing	3
		Total	14
		GRAND TOTAL.....	70

ENHANCED SKILLS CERTIFICATE CRITICAL CARE PARAMEDIC

Fall Semester

BIOL	2421	Microbiology for Science Majors.....	4
EMSP	2358	Critical Care Paramedic	3
EMSP	2163	Clinical—Emergency Medical EMT Paramedic	1
		TOTAL HOURS	8

LEVEL I - CERTIFICATE (TSI WAIVED**) EMT-INTERMEDIATE

Fall Semester

BIOL	2404	Introduction to Human Anatomy and Physiology*	4
EMSP	1501	EMT-Basic	5
EMSP	1160	Clinical—EMS	1
		Total Hours	10

Spring Semester

EMSP	1438	Introduction to Advanced Practice	4
EMSP	2348	Emergency Pharmacology.....	3
EMSP	1356	Patient Assessment and Airway Management	3
EMSP	1162	Clinical—EMS	1
		Total Hours	11

Summer Semester

EMSP	1355	Trauma Management.....	3
EMSP	1263	Clinical—EMS	2
		Total Hours	5
		GRAND TOTAL.....	26

* BIOL 2401 may be substituted for BIOL 2404

** Refer to page 47 for Texas Success Initiative (TSI) information

LEVEL II - CERTIFICATE OF COMPLETION (TSI REQUIRED)
PARAMEDIC

Fall Semester

BIOL	2404	Introduction to Human Anatomy and Physiology*	4
EMSP	1501	EMT-Basic	5
EMSP	1160	Clinical—EMS	1
		Total Hours	10

Spring Semester

EMSP	1438	Introduction to Advanced Practice	4
EMSP	2348	Emergency Pharmacology	3
EMSP	1356	Patient Assessment and Airway Management	3
EMSP	1162	Clinical—EMS	1
		Total Hours	11

Summer Semester

EMSP	1355	Trauma Management.....	3
EMSP	1263	Clinical—EMS	2
EMSP	2544	Cardiology.....	5
		Total Hours	10

Fall Semester

EMSP	2434	Medical Emergencies	4
EMSP	2430	Special Populations.....	4
EMSP	2260	Clinical—EMS	2
		Total Hours	10

Spring Semester

EMSP	2143	Assessment Based Management	1
EMSP	2338	EMS Operations	3
EMSP	2135	Advanced Cardiac Life Support	1
EMSP	1147	Pediatric Advanced Life Support	1
EMSP	1149	Pre-Hospital Trauma Life Support	1
EMSP	2460	Clinical—EMS	4
		Total Hours	11
		GRAND TOTAL.....	52

* BIOL 2401 may be substituted for BIOL 2404

NURSING**ASSOCIATE OF APPLIED SCIENCE DEGREE IN NURSING**

The Associate Degree Nursing (ADN) program leads to an Associate of Applied Science degree and allows the graduate to apply to take the state licensing exams for registered nursing. Completion of the AAS degree in nursing does not guarantee admittance to the registered nurse license examination. Graduates will be required to answer questions about their drug, alcohol, psychiatric, and/or conviction history for determination of eligibility to take the licensing exam for registered nursing. Criminal background checks are now required on all graduates. Further information is available in the office of the ADN Department. The Associate Degree Nursing Program is fully accredited by the National League for Nursing Accrediting Commission, Inc. 404-975-5000, 3343 Peachtree Road, NE, Suite 500, Atlanta, GA 30326.

PHILOSOPHY

The philosophy of the Temple College Associate Degree Nursing (ADN) program reflects the beliefs of the faculty and provides the foundation for the nursing program. The ADN philosophy is congruent with the institution's mission statement by providing quality education to prepare ADN graduates who are capable of entry-level employment in the diverse community served by Temple College. The purpose of the ADN program is to provide assistance in supplying the Central Texas area with qualified graduate nurses who are prepared to meet the licensure by examination requirements to become registered nurses.

The faculty recognizes the holistic nature of the individual with biological (physical being), psychological (mind), and social (relationship with others) dimensions. These dimensions are interrelated to create the whole; when one dimension changes, other dimensions may be affected. The individual is understood to be a dynamic being with varying capacity to meet their needs. Each individual has the right to be actively involved in a plan to meet their needs. When active involvement is not possible, the individual is entitled to assistance in a caring manner.

Nursing is a profession in which caring behaviors are provided by interaction with the client in response to actual or potential unmet needs. Caring behaviors are those practices that demonstrate the nurse's altruistic concern for the welfare of the client. These behaviors are integrated from both scientific and humanistic experiences. The five steps of the nursing process, assessment, diagnosis, planning, implementation, and evaluation, are utilized as the method to promote critical thinking to integrate scientific principles with humanistic concerns. The nurse provides caring behaviors by performing in the roles of provider of care, coordinator of care, and profession member. These roles may be performed in a variety of settings. The nurse is accountable for performance in these roles not only to one's self and the profession, but also to a local, national, and global society.

Nursing education consists of experiences both didactic and practicum that develop the individual's potential to provide quality care. The foundation for these experiences is derived from scientific and humanistic concepts and principles. The faculty facilitates learning opportunities that provide the student exposure to knowledge, skills, technology, and belief systems necessary for professional nursing practice. These learning opportunities draw from and build on each other to provide progression in the development of nursing roles. Course work specific to nursing and the general core curriculum, as outlined by the College, comprises the formal education plan for the associate degree nursing student.

Learning is viewed as a continuing process involving cognitive, affective, and psychomotor domains. Learning in the nursing program is dependent on faculty-student interaction. The faculty has the responsibility for guiding the learner to experiences that will assist them in meeting the objectives of the nursing program. The student has the responsibility for acquiring the knowledge, values and skills necessary to meet the objectives of the nursing program. Both participants have the responsibility for creating and participating in a learning climate that fosters the maximum development of each student's potential. This focus recognizes that learning beyond the formal educational setting is essential and does not stop upon completion of the formal learning plan.

Therefore, nursing curriculum incorporates the following concepts: the individual is a holistic being with varying capacity to meet their needs; nursing interacts with the individual in response to unmet needs by utilizing the nursing process to provide caring behaviors; the nurse performs in the roles of provider of care, coordinator of care, and profession member. Inherent within these concepts is the importance of communication in a variety of forms.

The role of the graduate associate degree nurse in the profession of nursing is to:

1. Display a commitment to the value of caring by delivering client-centered care;
2. Use the nursing process as a basis for critical thinking to integrate scientific and humanistic principles and concepts;
3. Act as a coordinator in organizing and facilitating quality client care;
4. practice as a coordinator and provider of care in a variety of settings where policies and procedures are specified and guidance is available;
5. Communicate effectively in performance of professional roles;
6. Practice within the ethical and legal framework of nursing and be accountable for ensuring high standards of nursing practice;
7. Be a contributing member within the profession of nursing.

CONCEPTUAL FRAMEWORK

The conceptual framework of Temple College's Associate Degree Nursing program reflects the philosophy's major concepts: the individual is a holistic being with varying capacity to meet their needs; nursing interacts with the individual in response to unmet needs by utilizing the nursing process to provide caring behaviors; the nurse performs in the roles of provider of care, coordinator of care, and profession member. Inherent within these concepts is the importance of communication in a variety of forms.

Holistic Individual	Each person is a unique integration of biological, psychological and social dimensions; the unified whole is greater than the sum of the parts.
Biological Dimension	The portion of the individual that is represented by the physical being: the body.
Psychological Dimension	The portion of the individual that is represented by the mind; the capacity for thinking, emotions, and spirituality.
Social Dimension	The portion of the individual that is represented by the individual's relationship with others. These relationships exist in a diverse environment. Contributing to this diversity are characteristics such as (but not limited to) culture, ethnicity, age, and socioeconomic status.
Need	That which is necessary, useful or desirable to maintain life. For one who is in a terminally ill state of life and/or involved in the dying process, the quality of life may become the focus.
Caring Behaviors	Those practices that demonstrate the nurse's altruistic concern for the welfare of the client. Caring behaviors are integrated from both scientific and humanistic experiences. The nurse provides caring behaviors by performing caring behavior roles: provider of care, coordinator of care, and profession member.
Client	An individual, family, or group who interacts with the nurse in response to actual or potential unmet needs; the recipient of care.
Nursing Process	A method of thinking critically that consists of a series of planned steps and actions to integrate scientific with humanistic experiences. The nursing process has five steps: assessment, diagnosis, planning, implementation and evaluation.

Provider of Care	The Associate Degree Nurse functions as a provider of care by applying the steps of the nursing process to formulate and deliver client-centered nursing care.
Coordinator of Care	The Associate Degree Nurse provides, organizes, and facilitates quality client care for a group of clients.
Profession Member	The Associate Degree Nurse is committed to professional growth, continuous learning, self-development, practicing within the ethical and legal framework of nursing. The nurse is also accountable for ensuring high standards of nursing practice to include the utilization of evidence based nursing.

OBJECTIVES

On the basis of this philosophy, the faculty believes that the Temple College Associate of Applied Science nursing program graduate will:

1. Integrate scientific and humanistic concerns to provide caring behaviors through a variety of practices.
2. Determine the health status of clients from a holistic perspective.
3. Participate with clients to formulate client-centered nursing diagnoses, goals, and a plan of care to meet their holistic health needs, incorporating promotion, prevention, maintenance, and restoration.
4. Implement the nursing plan of care according to standards of practice.
5. Provide for the safety of self and others.
6. Incorporate culturally sensitive nursing care for a diverse population. Contributing to this diversity are characteristics such as (but not limited to) culture, ethnicity, age, and socioeconomic status.
7. Participate with clients to evaluate their progress toward established goals.
8. Develop, implement, and evaluate individualized teaching-learning plans concerning promotion, maintenance, and restoration of health.
9. Establish and maintain effective communication with clients, nurses, and other health care team members.
10. Establish priorities, organize and provide care for multiple clients.
11. Delegate/assign aspects of care to appropriate health care providers commensurate with their educational preparation and experience.
12. Coordinate human and material resources to provide cost effective and quality care to meet health needs.
13. Collaborate with the client and other health care team members to meet the health needs of clients.
14. Refer clients to resources that facilitate continuity of care.
15. Assume professional responsibility and accountability.
16. Practice nursing within an ethical and legal framework, consistent with nursing practice standards as defined by professional and regulating organizations.
17. Act as an advocate to promote the provision of quality health care for clients.
18. Participate in activities that promote the development of self and nursing.
19. Use a critical thinking approach to analyze clinical data and current literature as a basis for decision making in nursing practice.

NOTE: Curriculum changes are pending, effective Fall, 2011

ADMISSION TO THE FALL 2011 ADN PROGRAM

Note: Curriculum changes are effective for students entering Fall, 2011. Students desiring admission to the Fall 2011 ADN program must:

1. Complete the Temple College (TC) admission process. All college requirements must be met. Students must be TSI complete.
2. Enroll in the prerequisite courses. These courses are BIOL 2401 Anatomy & Physiology I, ENGL 1301 Composition I and PSYC 2301 General Psychology. The 3 prerequisite courses must be completed or in progress during the Spring semester to be able to apply for the Fall 2011 semester class. Corequisite courses may be taken prior to acceptance into the nursing program.
3. Take the nursing admission exam. The exam will be given at the TC Testing Center in February and March for the Fall 2011 class. (See the TC Website for specific dates and instructions.)
4. Complete the ADN application process. Bring your nursing admission exam results to the Dell Martin Nursing Education Center. If you are bringing scores from another college, the results must be in a college letterhead, sealed envelope and indicate no calculator was used. After your scores have been received, you will be given an application.

The application process includes furnishing official transcripts of prerequisite course grades and any courses that may apply to the ADN program. You must have a minimum of a "C" in every course. A minimum overall grade point average (GPA) of 2.5 (in all courses that apply toward the nursing curriculum) is required for application to the ADN program. Biology courses must have been taken within the past ten years. Applications will not be processed if any of the stated admission requirements are missing or incomplete.

5. Applicants will be notified by letter of whether or not they are conditionally accepted into the program. If conditionally accepted into the program, the following must be completed:

A current physical examination (within six months prior to beginning the nursing program) verifying good physical and mental health with required immunizations. Note: Students shall receive the complete series of 3 Hepatitis b immunizations prior to the start of direct patient care. A drug screen also will be required.

A satisfactory criminal background check (specific instructions will be given). Any healthcare facility associated with Temple College may also require criminal background checks. Permission to perform the criminal background check must be given by the student. It may be necessary to dismiss students from a program if they are barred from practicing at any healthcare facility. Future employment and licensing may be affected by the results of a criminal background check. The Texas Board of Nursing will also conduct a criminal background check at the completion of the program. The background check you will do for us will NOT guarantee you will meet the BON requirements. Written documentation of successful completion of a CPR course designed for health care providers (e.g., Basic Cardiac Life Support for Health Care Providers from the American Heart Association or CPR for the Professional Rescuer from the American Red Cross). No student will be permitted in the clinical setting without current documentation on file (must remain current throughout the ADN program). On-line CPR courses are not acceptable.

Students seeking admission to the ADN program are admitted on the basis of the following criteria, with maximum point totals awarded as indicated:

- GPA (only general education courses that apply to the ADN curriculum) (5 points)
- Number of general education credits that apply toward the ADN curriculum (3 points)
- Temple College service area residency status (1 point)
- Nursing admission exam (4 pts)

One point will be deducted from an applicant's point total if the applicant has failed any nursing course in another nursing program.

Admission to the nursing program is determined during the late spring for the fall semester. In the case of competitive admissions, requirements over and above the minimum may be necessary.

Admission to Temple College does not constitute automatic acceptance into the nursing program. In the event the application is rejected, the applicant may request a review by the ADN Department Chair.

PROMOTION

Once a student is accepted into and begins the ADN program curriculum, it is expected that the student will continue to progress directly to the next semester's courses. In order to do this, the student must:

1. Have completed all previously required courses with a "C" grade (2.0 based on a 4.0 scale) or better;
2. Be concurrently enrolled in required non-nursing courses scheduled for that semester, or have previously passed these courses with a minimum grade of "C" (2.0);
3. Maintain good academic standing (See the College Catalog, Academic Standards, Scholastic Probation, & Scholastic Suspension policies);
4. Meet all general Temple College requirements (be approved for registration).

Failure in any required nursing course indicates possibility of failure on the board exam. Therefore, no more than one nursing course may be repeated during the program, due to failure, and that course may be repeated only once. In all nursing courses, the following grading scale will be used.

Numerical Value	Letter Grade	Points
93-100	A	4.0
85-92	B	3.0
75-84	C	2.0
Below 75	F	0

In all courses, both nursing and non-nursing, that count toward graduation, the minimum passing grade is a "C" or 2.0 on the 4.0 scale. Further grading criteria can be found in each course outline.

READMISSION TO THE ADN PROGRAM

Students may apply for readmission to the ADN program following their withdrawal or dismissal by submitting a new application to the ADN Department office. Students seeking readmission who have successfully completed any nursing courses more than three years prior to readmission will be required to re-enroll in the nursing courses. All policies specified by Temple College for readmitting students will apply (see the College Catalog section on readmission under the Application for Admission policy.) Applicants being readmitted to the first semester of nursing courses will be considered using the same criteria as new applicants. All other requests for readmission are determined by the priority criteria as listed below. Applicants being considered for readmission to other semesters will be considered on a space available basis by the ADN Director, or designee.

The ADN Director, or designee, will review the applicant's record and make recommendations as to placement in the program.

A student who was dismissed for an unsatisfactory grade in a nursing course (class and/or clinical) will be asked to discuss the problems that led to dismissal; and actions that have been taken that would enable him/her to reasonably expect success in completing the program, passing the licensing exams, and contributing to the profession of nursing. After a second nursing program failure or withdrawal, a student is not eligible for readmission. Students who were dismissed from the nursing program for unsafe practice are not eligible for re-admittance.

TRANSFER TO THE TC ADN PROGRAM FROM ANOTHER NURSING PROGRAM

Transfer students who have been enrolled in an approved RN level nursing school will be considered for admission on a space available basis. All policies specified by Temple College for accepting transfer students will apply (see the College Catalog, Transfer of Credits, Resolution of Transfer Disputes, and Transfer Students.)

Required non-nursing courses will be evaluated for transferability by the Director of Admissions and Records. The student must arrange for all official transcripts to be sent directly to the Admissions and Records office. In addition, if a course description is not readily available in the Admissions and Records office, the student will be responsible for providing a copy of the appropriate course description prior to the final determination. An official copy of all transcripts and course descriptions should also be sent to the ADN Department office.

Required nursing courses will be evaluated for transferability by the ADN Director or designee, in association with the Director of Admission and Records. The student must arrange for an official transcript to be sent directly to the Admissions and Records office. In addition, the student will be responsible for providing a copy of the course description, syllabus, objectives, and an official transcript to the ADN Department. Prior to the final determination, the ADN Director, or designee may request the student to provide further information and may consult with specific faculty regarding the acceptability of potential nursing transfer courses into the Temple College curriculum.

Upon final determination of the transferability of any courses, the ADN Director will approve the curriculum plan to be followed by the transfer student. Any student transferring into the nursing program from another nursing program will enter Temple College ADN program with only one attempt to complete the program.

PRIORITIZATION LISTING FOR READMISSION AND TRANSFERS

Request for readmission or transfer students will be prioritized as follows:

1. First priority: Former Temple College students with a passing grade in previous nursing courses.
2. Second priority: Transfer students with passing grades in previous nursing courses.
3. Third priority: Former Temple College students with a previous nursing course failure.
4. Fourth priority: Transfer students with a previous nursing course failure. Within each priority group, preference is given based on nursing GPA.

REQUIREMENTS FOR ASSOCIATE OF APPLIED SCIENCE DEGREE Beginning with the FALL 2011 class

In order to graduate from Temple College and receive the Associate of Applied Science degree in Nursing, the student must meet the following requirements:

1. Six semester hours of English: ENGL 1301 and 2311. ENGL 1302 may be used instead of ENGL 2311 if the student also takes three hours of Speech: SPCH 1311, 1315, 1318, or 1321.
2. Six semester hours in behavioral sciences: PSYC 2301 and PSYC 2314.
3. Three semester hours in fine arts or humanities to be selected from the disciplines of art, history, literature, music, philosophy (excluding logic), drama/theater and humanities.
4. Eight semester hours of anatomy and physiology: BIOL 2401 and BIOL 2402. Four semester hours of microbiology: BIOL 2421. For any variation from these prescribed requirements to be counted toward graduation, a written statement to this effect, signed by the ADN Director and the Vice President of Educational Services, must be on file in the student's record.
5. For the basic level entry student: 72 semester hours of course credit, exclusive of developmental courses. Included in the 72 semester hours of course work must be all of the required nursing courses, or their equivalent, for a total of 45 hours of credit. For the LVN Bridging student: 60 semester hours of course credit, exclusive of developmental courses. Included in the 60 semester hours of course work must be all of the nursing courses required in the LVN Bridging curriculum, or their equivalent.. For both programs, all prescribed courses must be completed with a minimum of a "C" grade. For any variation from these requirements to be counted toward graduation, approval must be given by the ADN Director.
6. Complete the last 18 semester hours of the work toward graduation at Temple College or earn a total of 32 semester hours of TC work applicable toward the degree requirements.
7. Complete the Application for Graduation by deadline date.

ASSOCIATE OF APPLIED SCIENCE DEGREE FALL 2011 NURSING (ADN PROGRAM)

Prerequisites

BIOL	2401	Human Anatomy and Physiology I	4
ENGL	1301	Composition I	3
PSYC	2301	General Psychology	3
		Total Hours	10

FIRST YEAR**Fall Semester**

BIOL	2402	Human Anatomy and Physiology II.....	4
RNSG	1301	Pharmacology	3
RNSG	1360	Clinical-Nursing I –Registered Nurse Training	3
RNSG	1205	Nursing Skills I.....	2
RNSG	1309	Introduction to Nursing	3
		Total Hours	15

Spring Semester

BIOL	2421	Microbiology.....	4
RNSG	1431	Principles of Clinical Decision-Making.....	4
RNSG	1146	Legal & Ethical Issues for Nurses	1
RNSG	1110	Introduction to Community-based Nursing	1
RNSG	1361	Clinical-Nursing II-Registered Nurse Training	3
		Total Hours	13

Summer Semester I

PSYC	2314	Lifespan Growth & Development	3
		Total Hours	3

Summer Semester II

RNSG	2313	Mental Health Nursing.....	3
RNSG	1163	Clinical-Nursing III-Registered Nurse Training	1
		Total Hours	4

SECOND YEAR**Fall Semester**

Elective		Fine Arts/Humanities	3
RNSG	1447	Concepts of Clinical Decision-Making.....	4
RNSG	2201	Care of Children & Families	2
RNSG	2221	Management of Client Care	2
RNSG	2360	Clinical-Nursing IV-Registered Nurse Training	3
		Total Hours	14

Spring Semester

ENGL	2311	Technical & Business Writing** or ENGL 1302 Composition II and 3 credits Speech (1311,1315,1318,1321)	3-6
RNSG	1251	Care of the Childbearing Family	2
RNSG	2441	Advanced Concepts of Clinical Decision-Making +	4
RNSG	2130	Professional Nursing Review & Licensure Preparation	1
RNSG	2361	Clinical-Nursing V-Registered Nurse Training	3
		Total Hours	13-16
		GRAND TOTAL HOURS	72-75

** Course includes speech component.

+ Comprehensive, end of program Exam – All candidates for graduation will be required to complete the comprehensive, end of program examination requirements prior to graduation from the Associate Degree Nursing Program.

BRIDGING PROGRAM (LVN TO ADN) (Summer 2011)

Note: Curriculum changes are effective for Bridging students entering Summer 2011. Additional changes are pending for the Summer 2012 class.

This program prepares the Licensed Vocational Nurse to make the transition into the professional nursing role. Upon completion of this program, graduates receive an Associate of Applied Science degree which qualifies them to apply for the state licensing examinations for registered nursing. Graduates will be required to answer questions about their drug, alcohol, psychiatric, and/or conviction history for determination of eligibility to take the licensing exam for registered nursing. Criminal background checks are now required on all graduates. Further information is available in the office of the ADN department. NLNAC is an additional resource for program information, (404) 975-5000, Peachtree Road, NE, Suite 500, Atlanta, GA 30326.

ADMISSION TO THE LVN BRIDGING PROGRAM

Students desiring admission to the 2011 LVN Bridging program must:

1. Complete the Temple College admission process. All college requirements must be met. Must be TSI complete.
2. Complete the following prerequisite courses: BIOL 2401, BIOL 2402, BIOL 2421, ITSE 1294, PSYC 2301, PSYC 2314, and VNSG 1423. These courses must be completed by the end of the Fall semester before you apply. The VNSG 1423 course will be equated to a basic skills/fundamentals type course that the applicant completed in their Vocational Nursing program.
3. Complete the ADN application process (see the TC Website for specific dates and instructions). This process requires proof of:
 - **Graduation** from a Texas VN program or out-of-state NLNAC accredited program; A valid Texas VN license in good standing.
 - A **grade of "C" or better** in all VN courses and any course that applies toward the ADN curriculum/degree;.
 - **Nursing practice experience** of six months full time or one year part time within the last two years, if the applicant graduated more than two years before admission (part time is defined as a minimum of 800 hours per year; a letter from the employer(s) will be required to verify work experience).
 - Complete an **application** from the Dell Martin Nursing Education Center.
 - Furnish **official transcripts** of prerequisite course grades and any courses that may apply to the Bridging program.

You must have a minimum of a "C" in every course. Proof of VN graduation with a minimum average of "C" must show on the transcripts. A minimum overall grade point average (GPA) of 2.5 (in all courses that apply toward the nursing curriculum) is required for admission to the Bridging program. Biology courses must have been taken within the past ten years.

Applications will not be processed if any of the stated admission requirements are missing or incomplete. See the TC Website for specific dates and instructions.

4. Applicants will be notified by letter of whether or not they were conditionally accepted into the program. If conditionally accepted into the program, the following must be completed:

A current **physical examination** (within six months prior to beginning the nursing program) verifying good physical and mental health with required immunizations. Note: Students must receive the complete series of three (3) Hepatitis B immunizations prior to the start of direct patient care. A drug screen also will be required.

A satisfactory **criminal background check** (specific instructions will be given). Any healthcare facility associated with Temple College may also require criminal background checks. Permission to perform the criminal background check must be given by the student. It may be necessary to dismiss students from a program if they are barred from practicing at any healthcare facility. Future employment and licensing may be affected by the results of a criminal background check. The Texas Board of Nursing will also conduct a criminal background check at the completion of the program. The background check that is done for admission does **NOT** guarantee that the student will meet the BON requirements.

Written documentation of successful completion of a **CPR course** designed for health care providers(e.g., **Basic Cardiac Life Support for Health Care Providers** from the American Heart Association or **CPR for the Professional Rescuer** from the American Red Cross). No student will be permitted in the Clinical setting without current documentation on file (must remain current throughout the ADN program). Online CPR courses are not acceptable.

Students seeking admission to the LVN Bridging program are admitted to the program on the basis of the following criteria, with maximum point totals awarded as indicated:

- GPA, only general education courses that apply to the ADN curriculum (5 points)
- Number of general education credits that apply to the ADN curriculum (3 points)
- Graduate of Temple College Vocational Nursing Program (1 point) or
- Temple College service area residency status (1 point)
- Beginning Summer 2011, applicants may receive only one point from the TC graduate or service area resident categories, if applicable.

One point will be deducted from an applicant's point total if the applicant has failed any nursing course in a nursing program.

* Admission to the Bridging Nursing Program is determined during the mid spring for the summer semester. In case of competitive admissions, requirements above the minimum may be necessary. Admission to Temple College does not constitute automatic acceptance into the nursing program. In the event the applicant is not accepted for admission to the nursing program, the applicant may request a review by the ADN Department Chairman.

Policies on promotion, readmission, and transfer apply to both Bridging and ADN students.

Note: Curriculum changes are effective for Bridging students entering Summer 2011. Additional changes are pending for the Summer 2012 class.

ASSOCIATE OF APPLIED SCIENCE DEGREE (SUMMER 2011) NURSING (LVN BRIDGING PROGRAM) (Must be a Licensed Vocational Nurse)

Prerequisites

BIOL	2401	Human Anatomy and Physiology I	4
BIOL	2402	Human Anatomy and Physiology II.....	4
BIOL	2421	Microbiology.....	4
ITSE	1294	Special Topics in Computer Science	2
PSYC	2301	General Psychology	3
PSYC	2314	Lifespan Growth and Development	3
VNSG	1323	Basic Nursing Skills (credit transferred from VN Program)	3
		Total Hours	23

Summer Semester I

RNSG	2307	Transition to Nursing Practice	3
RNSG	1162	Clinical-Nursing-Registered Nurse Training	1
		Total Hours	4

Summer Semester II

RNSG	2313	Mental Health Nursing.....	3
RNSG	1163	Clinical-Nursing III-Registered Nurse Training	1
		Total Hours	4

SECOND YEAR**Fall Semester**

ENGL	1301	Composition I	3
Elective		Humanities/Fine Arts	3
RNSG	1447	Concepts of Clinical Decision-Making	4
RNSG	2201	Care of Children & Families	2
RNSG	2360	Clinical-Nursing IV-Registered Nurse Training	3
		Total Hours	15

Spring Semester

ENGL	2311	Technical & Business Writing** or ENGL 1302 Composition II and 3 credits Speech (1311, 1315, 1318, 1321)	3-6
RNSG	2441	Advanced Concepts of Clinical Decision-Making +	4
RNSG	1251	Care of the Childbearing Family	2
RNSG	2221	Management of Client Care	2
RNSG	2361	Clinical-Nursing V-Registered Nurse Training	3
		Total Hours	14-17
		GRAND TOTAL HOURS	60-63

** Course includes speech component

+ Comprehensive, end of program Exam – All candidates for graduation will be required to complete the comprehensive, end of program examination requirements prior to graduation from the Associate Degree Nursing Program

Note: Curriculum changes are pending for Bridging students entering Summer 2012. Changes will be posted on the TC website when available.



VOCATIONAL NURSING

This one-year Vocational Nursing (VN) program is designed to prepare students with the experience and education to function in a variety of health care settings under the supervision of a registered nurse. Upon successful completion of the program, a certificate is awarded by Temple College, and allows graduates to apply to take the state licensing examination for vocational nursing. Completion of the VN program does not guarantee admittance to the vocational nursing licensure examination. Graduates will be required to answer questions about their drug, alcohol, psychiatric, and/or conviction history for determination of eligibility to take the licensing examination for vocational nursing. Further information is available in the office of the VN department.

PHILOSOPHY

The philosophy of the Temple College Vocational Nursing program reflects the beliefs of the faculty and provides the foundation for the nursing program. The philosophy of the program complements the institution's mission statement by providing quality education to prepare VN graduates who are capable of entry-level employment in the diverse community served by Temple College. The purpose of the VN program is to provide assistance in supplying the Central Texas area with qualified vocational nurses who are prepared to take the National Council Licensure Examination to become licensed vocational nurses.

The Vocational Nursing Faculty supports the following beliefs:

Individual - Each individual is recognized as a holistic being with physical, psychological, socio-cultural and spiritual dimensions which are interrelated to create a whole. Individuals continuously adapt to an ever changing environment while experiencing varying degrees of health throughout the lifespan. Therefore, each person has the right to make positive lifestyle choices for his/her health to maintain optimum quality of life. These lifestyle choices must focus on meeting the basic needs that are essential to life and progress toward self-actualization. Each individual has the right and responsibility to be given treatment in a caring manner and to be actively involved in planning this care to meet their individual needs.

Society - A society is formed by the networking of individuals, families, and communities. Each person brings to this group their own perceptions, values, attitudes, skills and knowledge. In a society that is dynamic and culturally diverse, everyone benefits when individuals work together to form common goals that meet the needs of all members.

Nursing - Nursing synthesizes knowledge from both the arts and the sciences to form the theoretical base for the profession. It combines the art of caring and nurturing with scientific principles and skills in providing preventative, therapeutic, and rehabilitative care for individuals and families. The nursing process is used as a basis for providing a systematic decision making approach in providing holistic care to clients in various stages of the life cycle. As nurses increase their levels of expertise, they demonstrate competency in the roles of provider of care, coordinator of care, and member of a profession according to their levels of responsibility.

Vocational nursing - The vocational nurse is an integral component of the health care team. Each nurse provides direct basic care for multiple clients in structured settings and assists in the coordination of care in collaboration with other health care professionals. These nurses recognize the role of nursing research in improving client care. Vocational nurses are accountable for their own actions and must provide a standard of practice that is within legal and ethical parameters. Each nurse must seek opportunities that promote personal and professional growth.

The Teaching-Learning process - Learning is defined as an interactive process demonstrated as a partnership that fosters professional growth. The teaching-learning process must be individualized and collaborative. The faculty must provide a curriculum that is continuously evaluated to meet the ever changing educational and technological needs of society. Faculty members must inspire excellence as they serve as role models and facilitators in providing learning experiences that target the learner's needs. The student must demonstrate responsibility for learning by actively participating in the learning process. Learning experiences proceed on a continuum from simple to complex.

Nursing education - All nursing education consists of nursing theory principles integrated with clinical experiences in varied health care settings. Nursing education empowers students to problem solve and

use critical thinking skills to seek solutions to problems. Students from diverse cultural and educational backgrounds must be provided opportunities to develop the knowledge, attitudes, and skills necessary to become competent, caring, and legal-ethical members of the health care team. Quality nursing education must be provided in an environment conducive to helping students achieve their personal and professional goals.

Education as a Lifelong Process - Education is a process that enhances one's knowledge by building on experiences and skills. Therefore, the basic blocks for learning must be formed into a strong foundation so that learning can continue as a lifelong process. As each person acquires skills, knowledge, and legal-ethical growth, their educational goals may be attained for the present, but new ones should be formed for the future. Each person must learn to evaluate their need for continuing education to maintain a lifelong accountability in their educational journey.

APPLICATION TO THE VN PROGRAM

Students applying to the Vocational Nursing program must meet the following requirements:

1. Complete the Temple College admission procedure.
2. Complete the application procedure for the VN Department:
 - Schedule to take the nursing admission assessment test. This test score is valid for one year. This nursing admission assessment test is given in October, and November for the class beginning the following summer. Check with the Vocational Nursing Office for specific testing dates. Study guides for the nursing admission assessment test are available in the Temple College bookstore. The test is given in the Testing Center, located in One College Centre. A minimum composite score of 70 is required on the admission assessment test in order to file an application.
 - Complete an application from the VN Department after taking the Admission Assessment test.
 - If you have college credits that apply toward the VN curriculum, you must furnish official transcripts to the VN office of all course work from these colleges or universities. Biological Science courses must have been taken within the past ten years.
 - If you do not have college course work that applies to the VN curriculum, you must furnish evidence of an official high school transcript to the VN office showing evidence of graduation or an official General Education Development Equivalency certificate.
3. After satisfactory completion of the above application process, individuals will be notified by letter of whether or not they were conditionally accepted into the program.
4. If conditional acceptance to the VN program, the following requirements must be completed:
 - A satisfactory criminal background history check (specific instructions will be given). Any healthcare facility associated with Temple College may also require criminal background history checks. Permission to perform the criminal background history check must be given by the student. Failure to give permission could result in dismissal from the program. It may be necessary to dismiss students from a program if they are barred from practicing at any healthcare facility. Future employment and licensing may be affected by the results of a criminal background history check. The Board of Nursing for the State of Texas will also conduct a criminal background history check at the completion of the program. The background history check you will do for us will NOT guarantee you will meet the BON requirements.
 - Current physical examination (within six months prior to beginning the nursing program) verifying good physical and mental health with required immunizations. Note: Students shall receive a complete series of Hepatitis B vaccine prior to the start of direct patient care.
 - Written documentation of successful completion of a CPR course designed for health care providers (e.g., Basic Cardiac Life Support for Health Care Providers from American Heart Association or CPR for the Professional Rescuer from the American Red Cross). No student will be permitted in the clinical setting without current documentation on file (must remain current throughout the VN program).
 - A urine drug screen in accordance with instructions provided by VN office.
5. In the event the application is rejected, the applicant may request a meeting with the VN Director. Such a request is submitted in writing and includes reasons why the application should be reviewed.

6. All nursing students will be required to purchase professional liability insurance at the time of registration. Additional expenses incurred as part of the program are the responsibility of the student.

Note: Admission to Temple College does not constitute automatic acceptance into the nursing program. Admission to the nursing program is determined during the early spring for the summer semester. In the case of competitive admissions, requirements over and above the minimum may be necessary. Applications will not be processed if any of the stated admission requirements are missing or incomplete.

Students seeking admission to the VN program are admitted to the program on the basis of the following criteria, with maximum point totals awarded as indicated:

- Admission Assessment test scores (minimum of 70 composite score required) (Up to 6 points)
- Completion of these courses prior to or during the fall semester of the application period: (up to 2 points)
 1. BIOL 2404: Intro to Anatomy and Physiology (1 point)
 2. ITSE 1294: Special Topics in Computer Science (1 point)
- Temple College Service Area Residency Status (1 point)

Based on evaluation of admission criteria, applicants may be contacted for an interview by VN faculty prior to deciding on admission to the VN program.

One point will be deducted from an applicant's point total if the applicant has failed any nursing course in another vocational nursing program.

PROMOTION

Once a student is accepted into and begins the VN curriculum, it is expected that the student will continue to progress directly to the next semester's courses. In order to do this, the student must:

1. Have completed all previously required courses with a "C" grade (2.0 based on a 4.0 scale) or better;
2. Maintain good academic standing (see the College catalog, Minimum Academic standards, Scholastic Probation, & Scholastic Suspension policies);
3. Meet all general Temple College requirements (be approved for registration).
4. Failure in any required nursing course indicates the possibility of failure on the board exam. Therefore, after a second nursing program failure or withdrawal for any reason, a student may not reapply.

In all nursing courses, the following grading scale will be used.

Numerical Value	Letter Grade	Points
100-93	A	4.0
92-85	B	3.0
84-75	C	2.0
Below 75	F	0

The minimum passing grade in each nursing course is a "C" or 2.0 on the 4.0 scale. Further grading criteria can be found in each course outline.

READMISSION

Eligible students may apply for readmission to the VN program following their withdrawal or dismissal by submitting a new application to the VN Program office. Applicants will be required to complete a re-admission assessment test in order to be considered for acceptance into the nursing program. Students requesting readmission who have successfully completed any nursing courses more than two years prior to the request will be required to repeat the admission process and re-enroll in all nursing program courses. The time from first VNSG classes until successful graduation from the program cannot extend beyond two years. All policies specified by Temple College for readmitting students will apply (see the College catalog section on readmission under the Application for Admission policy). Applicants being readmitted to the first semester of nursing courses will be considered using the same criteria as new applicants. All requests for readmission are determined by the priority criteria as listed below. Applicants being considered for readmission to other semesters will be considered on a space available basis by the VN Director (See prioritization listing).

The VN Director will review the applicant's record and make the recommendations as to placement in the program.

A student who was dismissed for an unsatisfactory grade in a nursing course (class and/or clinical) will be asked to discuss the problems that led to dismissal and actions that have been taken that would enable him/her to reasonably expect success in completing the program, passing the licensing exam, and contributing to the profession of nursing.

After a second nursing program failure or withdrawal, a student is not eligible for readmission. Students who were dismissed for unsafe practice cannot be readmitted to the program.

TRANSFER TO THE TC VN PROGRAM FROM ANOTHER NURSING PROGRAM

Transfer students who have been enrolled in an approved VN level nursing school will be considered by the Department Chairman for admission on a space available basis. Applicants will be required to complete an admission assessment test in order to be considered for transfer into the TC Vocational nursing program. Also, all policies specified by Temple College for accepting transfer students will apply (see the College catalog section on transfer students under Application for Admission and Academic Honors and Standards policies).

Required non-nursing courses will be evaluated for transferability by the Division Director of Student Enrollment Services and the VN Department Chairman. The student must arrange for all official transcripts to be sent directly to the Admissions and Records office for any non-nursing course they wish to have considered for transfer. In addition, if a course description is not readily available in the Admissions and Records office, the student will be responsible for providing a copy of the appropriate course description prior to the final determination. An official copy of the transcript and course description should also be sent to the VN Department office.

Required nursing courses will be evaluated for transferability by the VN Director, in association with the Division Director of Student Enrollment Services. The student must arrange for an official transcript to be sent directly to the Admissions and Records office. In addition, the student will be responsible for providing a copy of the course description, syllabus, objectives, and an official transcript to the VN Director. Nursing courses in consideration for transfer from other programs must have been completed within two years of the request for transfer. The time from first transferred VNSG classes until successful graduation from the TC program cannot extend beyond two years. Prior to the final determination, the VN Director may request the student to provide further information and may consult with specific faculty regarding the acceptability of potential nursing transfer courses into the Temple College curriculum.

Upon final determination of the transferability of any courses, the VN Director will approve the curriculum plan to be followed by the transfer student. Any student transferring into the nursing program from another nursing program will enter Temple College VN program with only one attempt to complete the program.

PRIORITIZATION LISTING FOR READMISSIONS AND TRANSFERS

Request for readmission or transfer students will be prioritized as follows:

1. First priority: Former Temple College students with a passing grade in previous nursing courses.
2. Second priority: Transfer students with passing grades in previous nursing courses.
3. Third priority: Former Temple College students with a previous nursing course failure.
4. Fourth priority: Transfer students with a previous nursing course failure.

Within each priority group, preference is given based on nursing GPA.

**CERTIFICATE OF VOCATIONAL NURSING
(TSI WAIVED*)**

Note: This is a full-time program. All individuals admitted to this program must enroll in a prescribed set of courses for three consecutive semesters. Individuals may not enroll on a part-time student basis.

VOCATIONAL NURSING REQUIREMENTS (47 SEMESTER HRS.)

Summer semester

VNSG	1423	Basic Nursing Skills	4
BIOL	2404	Intro to Human Anatomy & Physiology	4
VNSG	1126	Gerontology.....	1
VNSG	1122	Vocational Nursing Concepts	1
VNSG	1160	Clinical – LVN Training I.....	1
VNSG	1136	Mental Health	1
		Total Hours.....	12

Fall semester

VNSG	1330	Maternal-Neonatal Nursing.....	3
VNSG	2331	Advanced Nursing Skills	3
VNSG	1231	Pharmacology	2
VNSG	1509	Nursing in Health & Illness II	5
VNSG	1560	Clinical – LVN Training II.....	5
		Total Hours.....	18

Spring Semester

VNSG	1334	Pediatrics	3
VNSG	1510	Nursing in Health & Illness III	5
ITSE	1294	Special Topics in Computer Science	2
VNSG	2561	Clinical – LVN Training III	5
VNSG	1119	Professional Development.....	1
VNSG	1138	Mental Illness	1
		Total Hours.....	17
		GRAND TOTAL HOURS	47

** Refer to page 47 for Texas Success Initiative (TSI) information

RESPIRATORY CARE

The Respiratory Care Program is accredited by the Commission on Accreditation for Respiratory Care Education (CoARC). The program provides educational experiences and all course work necessary to prepare the student as an advanced respiratory therapist and qualify the graduate for the credentialing exams offered by the National Board for Respiratory Care (NBRC). Students desiring admission into the Respiratory Care Program must first meet the basic entrance requirements for Temple College. They then must file for admission to the Respiratory Care Program.

Program Admission Criteria

- I. A completed portfolio should be submitted to the Respiratory Care Department by the third Monday in June. The portfolio should contain the following:
 - A. Texas Success Initiative scores - all candidates should have passed all three parts of an assessment test by this time in order to be considered for full enrollment.
 - B. Departmental aptitude test: HOBET, or its successor - all candidates should achieve the minimum passing score established by the department for the test.
 - C. Complete a structured tour at the VA and Scott & White hospitals and turn in the appropriate report form.
 - D. Copies of all relevant transcripts: (1) High School, (2) College/University, (3) Military Service schools, (4) other (proprietary schools, etc.)
 - E. Two letters of reference.
 - F. Complete a series of mandated immunizations, including Hepatitis B (the first two inoculations in the series must be completed by the end of June of the year the student seeks admission into the program).
 - G. Complete a physical exam and receive medical clearance to participate in the program.
 - H. Special consideration will be given to those prospective students desiring admission who are transferring from military programs and/or those programs accredited by CoARC.
- II. Interview with the Respiratory Care selection panel. Candidates will be interviewed separately by at least three different panel members.
- III. Letters of notification should be mailed by the close of business on the Friday following the selection process. In the event a candidate is not selected for entry into the program at this time, alternatives will be made available at the candidate's request.

Criminal background checks will be required by clinical affiliated healthcare institutions, and it is the responsibility of the student to pay for and have such a background check performed no more than 30 days prior to the beginning of the first clinical course. Drug screenings may also be required by some affiliates and may be done for cause at any time by Temple College or any health care facility associated with Temple College. Permission for the criminal background check must be given by the student. Failure to give permission will result in the student being ineligible for admission to the program.

PROMOTION

Students must maintain a "C" or better course grade in all respiratory care classes in order to continue in the program on schedule. In all other supporting classes the student must maintain at least an overall "C" (2.0) average. Failure to maintain academic requirements may temporarily or permanently discontinue the student's progress in the program. Re-admission to the program is not guaranteed but depends on the availability of available training slots and resolution of issues related to the non-passing grade at the time the student desires re-entry. Re-admission is also contingent upon review and evaluation of the student's grades, performance and remediation while previously enrolled in the program, as well as work completed since that time. In these the Department Chairman and Faculty will meet to approve the student's readmission into the program and determine needed course requirements.

A grade of "D" in any Respiratory Care course will result in the student having to "Stop Out;" i.e., being dropped from the program until the next year, when the course may be repeated. A particular course may be repeated only once. If a student is unsuccessful the second time they will be dropped from the program permanently. A student may not make more than two D grades in the entire program without being dropped. A grade of "F" will result in the student being dropped from the program without recourse to reapply.

Two fees will be assessed by the program. The first, is incurred in the first semester as part of the cost for RSPT 1410 and is \$60 for access to DataArc, a clinical tracking software package that tracks student activities throughout the program. Liability insurance for clinical practice is purchased through the College at approximately \$28. The cost of this fee is assessed as part of the cost for the first clinical course (RSPT 1360) and covers the student for the rest of the program.

Students must take a comprehensive NBRC-like exit exam as a major curriculum component in order to fully satisfy the requirements for the last clinical course (RSPT 2362). Students will have an additional opportunity to pass the exit examination if they are unsuccessful on the first administration. When all curriculum requirements are satisfied an Associate of Applied Science Degree is awarded. The student then becomes an advanced respiratory therapist graduate and upon applying to the Texas Department of State Health Services is eligible to be credentialed as a Respiratory Care Practitioner (RCP) once the Certified Respiratory Therapist credential is attained. The graduate should expect to take the CRT exam as soon as possible after graduation. This will enable graduates to sit for the two-part Registry Examination for Advanced Respiratory Therapy Practitioners offered by the NBRC. Upon passing both the Written Registry and Clinical Simulation exams the candidate becomes a Registered Respiratory Therapist (RRT).

Students are encouraged to become student members of the American Association for Respiratory Care, Texas Society for Respiratory Care, and the Association of Respiratory Care Students (a TC student club.) Each of these organizations will aid the student in becoming more familiar with the field of respiratory care.

ASSOCIATE OF APPLIED SCIENCE DEGREE RESPIRATORY CARE

PREREQUISITES

ENGL1301	Composition I	3
BIOL 2401	Human Anatomy and Physiology I	4
Elective	Social/Behavioral Science	3
	Total Hours	10

FIRST YEAR

Fall Semester

RSPT1410	Respiratory Care Procedures I.....	4
RSPT1307	Cardiopulmonary Anatomy and Physiology.....	3
RSPT1201	Introduction to Respiratory Care	2
BIOL 2402	Human Anatomy and Physiology II.....	4
	Total Hours	13

Spring Semester

RSPT2317	Respiratory Care Pharmacology	3
RSPT 1411	Respiratory Care Procedures II.....	4
RSPT1360	Clinical - Respiratory Therapy Technician	3
RSPT2310	Cardiopulmonary Disease	3
	Total Hours	13

Summer (12 weeks)

RSPT2660	Clinical - Respiratory Therapy Technician	6
	Total Hours	6

SECOND YEAR

Fall Semester

RSPT2305	Pulmonary Diagnostics.....	3
RSPT2414	Mechanical Ventilation	4
RSPT2353	Neonatal/Pediatric Cardiopulmonary Care.....	3
RSPT2361	Clinical - Respiratory Therapy Technician	3
ENGL2311	Technical & Business Writing.....	3
	Total Hours	16

Spring Semester

RSPT2239	Advanced Cardiac Life Support.....	2
RSPT2230	Exam Preparation	2
RSPT2425	Cardiopulmonary Diagnostics	4
RSPT2362	Clinical - Respiratory Therapy Technician	3
Elective	Fine Arts/Humanities.....	3
	Total Hours	14
	GRAND TOTAL HOURS	72

SURGICAL TECHNOLOGY

The Surgical Technology Program is accredited by the Commission Accreditation of Allied Health Programs (CAAHEP) 1361 Park Street Clearwater, FL 33756. The one-year (full-time) Surgical Technology Program provides technical and educational experiences that prepare the graduate for the position as a surgical technologist in the operating room and to meet the eligible criteria to write the national certification examination sponsored by the National Board of Surgical Technology and Surgical Assisting. New classes begin in the summer semester of each year. Applications are processed prior to the actual beginning of the surgical technology program. Admission to the program is based upon completion of all requirements as listed below with student selection according to the HOBET reading and math scores, with emphasis placed on the reading scores.

Criminal background history checks and Drug Screening are required before entry into the clinical sites. Drug testing may be administered at any time by Temple College or any health care facility associated with Temple College. The criminal background history check and Drug Screening will be at the expense of the student. Failure to meet the criminal background and drug screening requirements of the clinical sites will result in dismissal from the program.

Updated and supplemental information can be viewed on the Temple College website, www.templejc.edu/dept/SurgTech/SurgTech1.htm.

Students desiring admission to the Surgical Technology Program must complete the following:

1. Complete the Temple College admission procedure.
2. Attend Surgical Technology Information Session (call department for dates and time).
3. Pass the HOBET pre-entrance examination with established departmental minimum scores.
4. Submit a formal application to the program.

Uniforms in the classroom will consist of a Caribbean blue scrub suit with name badge, white knee-length lab coat with attached ST patch, and professional shoes. A list of anticipated expenditures is provided at the Information Session.

Students will be required to meet the criminal background requirements and submit a physical examination, including all immunizations, complete Hepatitis B series and medical-mandated tests, with medical clearance by a physician to gain entrance to clinical setting and provide patient care.

Requirements for graduation include:

1. Complete all Surgical Technology curriculum courses with a grade of "C" or better.
2. Pass the Surgical Technology Exit Examination with grade of "C" or better)
3. Complete program required clinical competencies.
4. Present a current "Health Care Provider" or "Professional Rescuer CPR" certificate.
5. Write the Association of Surgical Technology National Certification Examination.

Please refer to on-line Program website at <http://www.templejc.edu/dept/SurgTech/Competencies.htm>

Work Policy Statement- All student activities associated with the curriculum especially while students are completing his or her clinical rotations will be educational in nature. Students will not receive monetary remuneration during this educational experience, nor will he or she be substituted for hired staff personnel with the clinical institution, in the capacity of a surgical technologist. Students are provided opportunity to join the Association of Surgical Technologists, Inc. Additional information concerning a career as a surgical technologist is available at www.ast.org.

LEVEL I - CERTIFICATE (TSI WAIVED*)
SURGICAL TECHNOLOGY

Summer Entry**First Semester**

BIOL	2404	Introduction to Human Anatomy & Physiology	4
SRGT	1301	Medical Terminology	3
SRGT	1509	Fundamentals of Perioperative Concepts and Techniques	5
		Total Hours	12

Second Semester (Fall Semester)**First 4 Weeks**

SRGT	1505	Introduction to Surgical Technology	5
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Last 12 Weeks

SRGT	1541	Surgical Procedures I	5
SRGT	1560	Clinical - Surgical Technology/ Technologist, Introductory	5
		Total Hours	5

Third Semester (Spring Semester)**First 8 Weeks**

SRGT	1542	Surgical Procedures II	5
SRGT	1361	Clinical - Surgical Technology/ Technologist, Intermediate	3

Second 8 Weeks

SRGT	1462	Clinical - Surgical Technology/ Technologist, Advanced.....	4
SRGT	2130	Professional Readiness	1
		Total Hours	13
		TOTAL PROGRAM HOURS	40

* Refer to page 47 for Texas Success Initiative (TSI) information

COURSE DESCRIPTIONS

COURSE NUMBERS

Temple College is a participating institution in the Texas Common Course Numbering System. Courses designed for transfer have a standardized four-letter prefix followed by a four-digit number. The four-letter prefix identifies the subject area. For example, ENGL is the common prefix for English courses, while DRAM is the common prefix for drama/theatre courses. The four-digit number following the prefix identifies specific courses within the subject area. Each digit in the four-digit sequence gives additional information about the course. The first digit identifies the course as either freshman level (1) or sophomore level (2). The second digit identifies the number of credit hours students earn upon successfully completing the course. Most often this digit will be a 1, 2, 3, or 4. The final two digits serve to establish the sequence in which courses are generally taken. Thus, General Chemistry I-CHEM 1311 is taken before General Chemistry II CHEM 1312.

Developmental courses not designed for college credit or transfer have a 0 (zero) as the first digit. Courses that are included in a certificate or an Associate of Applied Science degree are technical (terminal) courses and are not intended as transfer courses. The student should consult with the intended transfer institution to determine the transferability of technical courses. Course equivalency guides are available in the Advising office.

Course numbers are arranged in alphabetical/numerical sequence.

• Accounting

ACCT 2401: PRINCIPLES OF ACCOUNTING I – FINANCIAL (4:3-3)

Accounting concepts and their application in transaction analysis and financial statement preparation; analysis of financial statements; and asset and equity accounting in proprietorships, partnerships and corporations. R, M.

ACCT 2402: PRINCIPLES OF ACCOUNTING II – MANAGERIAL (4:3-3)

Continuation of ACCT 2401. Introduction to cost behavior, budgeting, responsibility accounting, cost control, and product costing. This course is offered in the spring semester. Prerequisite: ACCT 2401.

ACNT 1303: INTRODUCTION TO ACCOUNTING I ((3:3-1)

A study of analyzing, classifying, and recording business transactions in a manual and computerized environment. Emphasis on understanding the complete accounting cycle and preparing financial statements, bank reconciliations, and payroll. \$24 lab fee.

ACNT 1311: INTRODUCTION TO COMPUTERIZED ACCOUNTING (3:2-2)

Introduction to utilizing the computer in maintaining accounting records with primary emphasis on a general ledger package. \$24 lab fee.

ACNT 1425: PRINCIPLES OF ACCOUNTING I (4:3-3)

A study of accounting concepts and their application in transaction analysis and financial statement preparation. Emphasis on the accounting cycle for service and merchandising enterprises. R, M.

ACNT 1426: PRINCIPLES OF ACCOUNTING II (4:3-3)

A study of the fundamentals of managerial accounting. Emphasis on budgeting, planning, management decision making, and analysis of financial reports. This course is offered in the spring semester. Prerequisite: ACNT 1425.

• Anthropology

ANTH 2301: PHYSICAL ANTHROPOLOGY (3:3-0)

The primary objective of this course is to provide students with an understanding of the biological diversity of human beings throughout the world. The course gives an overview of human origins and biocultural adaptations. It also introduces methods and theory in the excavation and interpretation of material remains of past cultures. R

ANTH 2302: INTRODUCTION TO ARCHAEOLOGY (3:3-0)

Archaeology is the study of the material remains of past human behavior. Focus is on the multi disciplinary methodology of archaeology, beginning with an examination of the material remains that archaeologists use. The course demonstrates how archaeologists reconstruct past environments, subsistence, technology, settlement patterns and social organization, and their attempt to explain cultural change through time. Case studies are examined to demonstrate the methodologies that archaeologists actually use to address anthropological questions.

ANTH 2346: GENERAL ANTHROPOLOGY (3:3-0)

As the "science of man," anthropology examines human biological and cultural variation, both present and past. The course begins with a foundation in human biology and examines the genetic and cultural causes of diversity. It then follows man's beginnings in Africa to his dominion of the earth, and in the process, examines the development and divergence of cultural systems found throughout the world. R

ANTH 2351: CULTURAL ANTHROPOLOGY (3:3-0)

The primary objective of this course is to develop students' understanding of the diversity of human cultural systems around the world. The course includes key concepts, methods and theory in the study of cultural diversity, social institutions, linguistics, and culture change among world peoples.

ANTH 2389: ACADEMIC COOPERATIVE IN ANTHROPOLOGY (3:3-4)

Integrates on-campus study with practical experiences in anthropology/archaeology. In conjunction with class seminars and consultation with the instructor, each student sets specific goals and objectives in the study of anthropology archeology.

• Art Resources Technical Courses

ARTC 1313: DIGITAL PUBLISHING I (3:2-2)

The fundamentals of using digital layout as a primary publishing tool and the basic concepts and terminology associated with typography and page layout. This course is offered in the fall semester. Lab fee \$24.

ARTC 1325: INTRODUCTION TO COMPUTER GRAPHICS (3:2-2)

A survey of computer design concepts, terminology, processes, and procedures. Topics include computer graphics hardware, electronic images, electronic publishing, vector-based graphics, and interactive multimedia. This course is offered in the spring semester. Lab fee \$24..

ARTV 1351: DIGITAL VIDEO (3:2-2)

Producing and editing video and sound for multimedia or web productions. Emphasizes capture, editing, and outputting of video using a digital video workstation. This course is offered in the spring semester. Student must provide video camera. Lab fee \$24.

• Art

Those students planning to pursue a major or minor in art should enroll in the following core courses during their freshman year: ARTS 1303, ARTS 1304, ARTS 1311, ARTS 1312, and ARTS 1316. Departments of Art at many senior institutions also expect students to complete ARTS 1301. Students should consult the catalogs of senior colleges to which they may transfer before planning their freshman year here.

Students interested in enrolling in an art course as an elective, or for personal enrichment, may take individual courses with the consent of the instructor or an advisor.

ARTS 1301: ART APPRECIATION (3:3-0)

An introduction to the visual arts through an exploration of their purposes and processes. May be taken either year of the curriculum. This course is open to both non-art majors and art majors or minors. Students with little or no background in art are welcome in the course. R, W

ARTS 1303: ART HISTORY SURVEY I (3:3-0)

A historical and thematic examination of painting, sculpture, architecture, and other arts. May be taken in either year of the curriculum. This course is open to both non-art majors and art majors and minors. Students with little or no background in art are welcome in the course. This course offered usually in the fall semester. R, W

ARTS 1304: ART HISTORY SURVEY II (3:3-0)

A further historical and thematic examination of painting, sculpture, architecture, and other arts. May be taken in either year of the curriculum. This course is open to both non-art majors and art majors and minors. Students with little or no background in art are welcome in the course. This course offered usually in the spring semester. R, W

ARTS 1311: DESIGN I (3:2-4)

A studio course concerning the fundamentals of art with emphasis on 2-dimensional concepts. This course offered usually in the fall semester. Lab fee \$24.

ARTS 1312: DESIGN II (3:2-4)

A studio course concerning the fundamentals of art with emphasis on 3-dimensional concepts. This course offered usually in the spring semester. Lab fee \$24.

ARTS 1316: DRAWING I (3:2-4)

A studio course investigating a variety of media techniques, descriptive, and expressive possibilities. Offered in the fall and spring semesters. Lab fee \$24.

ARTS 1317: DRAWING II (3:2-4)

A further investigation of media techniques, descriptive, and expressive possibilities. Lab fee \$24.

ARTS 2313: DESIGN COMMUNICATIONS I (3:2-4) - ILLUSTRATOR

Communication of ideas through processes and techniques of graphic design and illustration using the Macintosh computer. This course will include page layout and illustration created with appropriate software. Lab fee \$24.

ARTS 2314: DESIGN COMMUNICATIONS II (3:2-4) - PHOTOSHOP

Communication of ideas through processes and techniques of graphic design and illustration using the Macintosh computer. This course will include techniques of scanning and manipulating images with appropriate software. Lab fee \$24.

ARTS 2316: PAINTING I (3:2-4)

A studio course exploring the potentials of painting media with emphasis on color and composition. Lab fee \$24.

ARTS 2317: PAINTING II (3:2-4)

A further investigation of painting with emphasis on individual expression. This course offered usually in the spring semester. Lab fee \$24.

ARTS 2323: LIFE DRAWING I (3:2-4)

A studio course emphasizing structure and action of the human figure. Model fee \$50.

ARTS 2326: SCULPTURE I (3:2-4)

A studio course exploring sculptural approaches in a variety of media. Special Material Fee \$35.

ARTS 2327: SCULPTURE II (3:2-4)

The purpose of Sculpture II is to continue the exploration of the language of 3-dimensional form through hands-on creative studio experiences. Special Material Fee \$35.

ARTS 2333: PRINTMAKING I (3:2-4)

An introductory studio class in basic printmaking processes and techniques. Printmaking supplies fee \$35.

ARTS 2334: PRINTMAKING II (3:2-4)

A further investigation of printmaking processes and techniques. Printmaking supplies fee \$35.

ARTS 2346: CERAMICS I (3:2-4)

An introductory studio course in basic ceramic processes: hand building, throwing, decorating, and firing techniques. Special Material Fee \$40.

ARTS 2347: CERAMICS II (3:2-4)

A further investigation of ceramic processes with an emphasis on throwing, decorating, and firing techniques. Special Material Fee \$40.

ARTS 2348: DIGITAL ART I (3:2-4)

A studio course which explores the potential of the computer hardware and software medium for their visual, conceptual, and practical uses in the visual arts. Lab fee \$24.

ARTS 2349: DIGITAL ART II (3:2-4)

A studio course which uses computer hardware and software as a medium for visual and conceptual expression in the visual arts. Lab fee \$24.

ARTS 2356: PHOTOGRAPHY I (3:2-4)

This studio course is an introduction to black and white photography as an artistic medium. Learn fundamental photographic theory, methods, materials, and equipment. Student must provide film camera. Photography supplies fee \$35.

ARTS 2357: PHOTOGRAPHY II (3:2-4)

This studio course offers further investigation into the possibilities of photography as an artistic medium. Student must provide film camera. Photography supplies fee \$35.

• Business Computer Information Systems

BCIS 1301: MICROCOMPUTER APPLICATIONS: (3:2-2)

Overview of computer information systems. Introduces computer hardware, software, procedures, systems, and human resources and explores their integration and application in business and other segments in society. The fundamentals of computer problem solving and programming in a higher level programming language may be discussed and applied. Lab fee \$24.

BCIS 1316: COMPUTER PROGRAMMING -BASIC (3:2-2)

Introduction to business programming techniques. Includes structured programming methods, designing customized software applications, testing documentation, input specification, and report generation. Lab fee \$24. This course is offered in the spring only. Lab fee \$24

BCIS 1405: BUSINESS COMPUTER APPLICATIONS (4:3-2)

This course discusses computer terminology, hardware, software, operating systems and information systems relating to the business environment. The main focus of this course is on business applications of software, including word processing, spreadsheets, databases, presentations graphics and business-oriented utilization of the internet. Lab fee \$24.

BCIS 1420: INTRODUCTORY C PROGRAMMING (4:3-2)

Introduction to business programming techniques using the C or C++ language. Includes structured programming methods, designing customized software applications, testing documentation, input specification, and report generation. This course is offered in the spring semester. Lab fee \$24.

BCIS 2390: SYSTEM ANALYSIS & DESIGN (3:3-1)

Analysis of business information needs and preparation of specifications and requirements for appropriate data system solutions. Includes instruction in information requirements analysis, specification development and writing, prototype evaluation, and network application interfaces. This course is offered Fall semester only. Lab fee \$24.

BCIS 2416: ADVANCED STRUCTURED PROGRAMMING TECHNIQUES BASIC (4:3-2)

Further applications of business programming techniques. Advanced topics may include varied file access techniques, system profiles and security, control language programming, data validation program design and testing, and other topics not normally covered in an introductory information systems programming course. Visual BASIC is the programming language used. Lab fee \$24.

BCIS 2420: ADVANCED C PROGRAMMING (4:3-2)

Further applications of business programming techniques. Advanced topics may include varied file access techniques, system profiles and security, control language programming, data validation program design and testing, and other topics not normally covered in an introductory information systems programming course. This course is offered in the fall semester and should be taken during the student's second year. Lab fee \$24.

• Biology

BIOL 1406: BIOLOGY FOR SCIENCE MAJORS I (4:3-3)

Considers the basic principles of biology: the nature of science, simple chemistry important in biological systems, cytology, energetics, mitosis and meiosis, patterns of inheritance, DNA and its structure, gene regulation, evolution, populations, and ecology. Usually offered in fall, spring, and first summer semesters. Lab fee \$24. R, W

BIOL 1407: BIOLOGY FOR SCIENCE MAJORS II (4:3-3)

Considers the great diversity of living organisms. A discussion of how living things are classified and of the Five Kingdom scheme leads to an analysis of each of the Kingdoms with special emphasis on the form and function of the most advanced members of the Plant and Animal Kingdoms. Viruses also investigated. This course meets the recommended requirement for BIOL 1424. Usually offered in the spring and second summer semesters. Lab fee \$24. R, W

BIOL 1411: GENERAL BOTANY (4:3-3)

This course emphasizes the form and function and the evolution and ecology of vascular plants, with an emphasis on flowering plants. There is also a brief survey of the plant kingdom. The course prepares the student for upper-level courses in botany. This course meets the recommended requirements for BIOL 1424.

Usually offered in the fall semester. No Prerequisite required. Lab fee \$24. R, W

BIOL 1413: GENERAL ZOOLOGY (4:3-3)

Emphasizes the cytology, morphology, physiology, taxonomy, and ecology of animals. Field trips will be conducted to observe animals in the wild. Usually offered in the spring semester. Lab fee \$24. R, W

BIOL 1414: INTRODUCTION TO BIOTECHNOLOGY (4:3-3)

An introduction to biotechnology, including career exploration, history and applications of DNA/RNA technology, molecular biology, genomics, proteomics, bioethics, laboratory operations and safe practices. The course is supplemented with laboratory exercises, and demonstrations that emphasize biotechnology applications in a variety of settings. Prerequisites: College biology course or Advanced Placement biology; BIOL 1406 recommended; Lab fee \$24. R,W,M.

BIOL 1424: SYSTEMATIC BOTANY (4:3-3)

Emphasis on collection and identification of major plant families of the angiosperms although all vascular plants are considered. Discussion of the classification of plants, including the artificial, natural, and the more recent attempts at phylogenetic classification schemes such as biosystematics; also, the underlying principles of plant nomenclature, the origin of the angiosperms, and the role of herbaria and botanical gardens. Usually offered in the spring semester.

Prerequisite: BIOL 1407 or BIOL 1411 or permission of the instructor. Lab fee \$24. R, W

BIOL 2316: GENETICS (3:3-0)

A study of Mendelian, molecular, and population genetics as developed since 1900. The course considers among other topics basic inheritance, transmission of hereditary material, linkage, chromosome mapping, the central role of DNA and its function in the cell, as well as genetics of populations and its importance in evolutionary theory. This is a non-laboratory science course. Prerequisite: BIOL 1406 or permission of the instructor. R, W

BIOL 2389: Academic Cooperative (3:1-2)

Provides practical training and experiences in laboratory and field investigations, while presenting a research approach to the principles of biology with emphasis on scientific methodologies and techniques. Students work under the supervision of the instructor after a research project of mutual interest is selected. Students design and perform laboratory or field investigations and present the results at the end of the course. Course covers research design, data collection, data organization and analysis, and presentation of data.

Prerequisite: 3 hours of biological science. Lab fee \$24. R, W

BIOL 2401: ANATOMY AND PHYSIOLOGY I (4:3-3)

The first of two sequential courses in human anatomy and physiology for students majoring in Nursing and certain other allied health fields. Structure and function of the human body are integrated in a systems approach. Function is explained in terms of microanatomy and gross anatomy. In the introduction cell chemistry and cytology are emphasized. Histology, the skin, the skeletal system, and the muscular system are included in the first semester.

Lab fee \$24. R, W

BIOL 2402: ANATOMY AND PHYSIOLOGY II (4:3-3)

The second of two sequential courses in human anatomy and physiology for students majoring in Nursing and certain other allied health fields. The organ systems covered are: nervous, endocrine, circulatory and immunity against disease, respiratory, digestive, urinary, and reproductive. Prerequisite: BIOL 2401, or permission of the instructor.

Lab fee \$24. R, W

BIOL 2404: ANATOMY AND PHYSIOLOGY (4:3-3)

A one-semester course in human anatomy and physiology for students majoring in Licensed Vocational Nursing, Surgical Technology, Respiratory Technology, and Emergency Medical Technology. Lecture and laboratory materials are taught in an integrated approach. This course is offered most semesters and is also offered via internet during some semesters. Lab fee \$24. (This is a one semester condensed course and does not substitute for BIOL 2401 or 2402.)

BIOL 2421: MICROBIOLOGY FOR SCIENCE MAJORS (4:3-3)

Morphology and physiology of microorganisms with emphasis in the laboratory on bacteria. Microorganisms of medical, economic and environmental importance are stressed. This course is recommended for students in Nursing and allied health programs. Prerequisite: 3 hours of biological science. Lab fee \$24. R, W

BIOL 2428: VERTEBRATE ZOOLOGY (4:3-3)

An introductory study of the vertebrates with emphasis on natural history and systematics; the ecology, distribution, and morphology are also studied. This course includes field trips for observing and collecting. Usually offered in the fall semester. Lab fee \$24. R, W

BIOL 2470: GENERAL ENTOMOLOGY (4:3-3)

A survey of the major orders of insects with emphasis on the taxonomy, morphology, ecology, and life history. Special emphasis will be given to those forms affecting man and domestic animals. Field trips and a collection will be required. Prerequisite: Four credit hours in Biology or consent of instructor. Usually offered in the summer session.

Lab fee \$24. R, W

• Biotechnology

BITC 1250: SPECIAL STUDIES AND BIOETHICAL ISSUES OF BIOTECHNOLOGY (2:2-0)

Addresses current events, skills, attitudes, and professional behavior, pertinent to biotechnology and professional development in the field. The course will also explore ethical and legal behaviors in the context of the biotechnology industry. Federal, state, and local regulations will be addressed. Prerequisite: BITC 1411/BIOL 1414, R,W.

BITC 1302: BIOTECHNOLOGY LABORATORY METHODS AND TECHNIQUES (3:1)

A study of laboratory operations, management, equipment, instrumentation, problem-solving, quality assurance and quality control procedures, laboratory math, and safety practices. Researching information on the computer and data analysis using spreadsheets is also covered. Laboratories involve practice with pH meters, spectrophotometers, electrophoresis, chromatographs, preparation of solutions and dilutions, data analysis and separation techniques.

Prerequisite: BITC 1411/BIOL 1414. R,W,M

BITC 1411/BIOL 1414: INTRODUCTION TO BIOTECHNOLOGY (4:3-3)

An introduction to biotechnology, including career exploration, history and applications of DNA/RNA technology, molecular biology, genomics, proteomics, bioethics, laboratory operations and safe practices. The course is supplemented with laboratory exercises, and demonstrations that emphasize biotechnology applications in a variety of settings. Prerequisites: College biology course or Advanced Placement biology; BIOL 1406 recommended; \$24 lab fee, R,W,M.

BITC 2411: BIOTECHNOLOGY LABORATORY INSTRUMENTATION (4:3-3)

Presentation of the theory, applications, and operation of various analytical instruments used in research and biotechnology laboratories. Students will practice separation and identification techniques, including electrophoresis, spectrophotometry, and chromatography. Laboratories will focus on qualitative and quantitative analyses.

Prerequisites: BITC 1411/BIOL 1414 and CHEM 1311 and CHEM 1111. \$24 lab fee, R, W, M

BITC 2431: CELL CULTURE TECHNIQUES (4:3-3)

Theory and applications of cell culture techniques. Laboratory emphasis is on the principles and practices of initiation, cultivation, maintenance, preservation of cell lines and applications. Prerequisite: BITC 1411/BIOL 1414, \$24 lab fee, R, W, M.

BITC 2441: MOLECULAR BIOLOGY TECHNIQUES (4:3-3)

In depth coverage of the theory and laboratory techniques in molecular biology with an emphasis on gene expression and regulation, transcription, DNA and RNA techniques, and nucleic acids. Prerequisites: BITC 1411/BIOL 1414 and BITC 2411, \$24 lab fee, R, W, M.

BITC 2445: MEDICAL BIOTECHNOLOGY (4:3-3)

Biotechnology as it applies to medicine and medical research. Includes molecular mechanisms underlying diseases such as cancer, diabetes, heart disease and AIDS. Covers the applications of biotechnology to the diagnosis and treatment of disease, the development of drugs or therapeutic agents. Emphasizes research and medical -related biotechnology methods and procedures. Prerequisite: BITC 1411/BIOL 1414 and BITC 2411 . R,W,M; Lab fee \$24.

BITC 2587: INTERNSHIP - BIOTECHNOLOGY LABORATORY TECHNICIAN (5:0-0-30)

A Capstone work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts in a biotechnology laboratory. The student will be supervised by a professional in the assigned laboratory and will be expected to achieve the objectives related to the site. Course is a requirement for the Associate of Applied Science Degree in Biotechnology and the Advanced Technical Certificate in Biotechnology. Prerequisites: BITC 1411 BIOL 1414, BITC 2411,1302, 2431, 2445, 1250 and 2441. Students must be in good academic standing (Overall GPA \geq 2.0 and Biotechnology course GPA \geq 2.0) and must submit an application packet to the Department Chair at least 1 semester before the Internship. Final approval for enrollment is required from the Department Chair. Internship sites are limited and enrollment is on a first-come first serve basis. This course is full-time, 40 hours per week, for 12 weeks. Liability insurance (fee ~ \$20.00), an acceptable criminal background check (applicable fee), hepatitis B vaccinations, health record and a drug screen within 60 days of the internship are required.

• Business

BMGT 1301: SUPERVISION (3:3-0)

The role of the supervisor. Includes managerial functions as applied to leadership, counseling, motivation, and human relations skills.

BMGT 1305: Communications in Management (3:3-0)

Basic theory and processes of communication skills necessary for the management of an organization's workforce.

BMGT 1325: OFFICE MANAGEMENT (3:3-0)

Systems, procedures, and practices related to organizing and planning office work, supervising employee performance, and exercising leadership skills.

BMGT 1327: PRINCIPLES OF MANAGEMENT (3:3-0)

Concepts, terminology, principles, theories, and issues in the field of management.

BMGT 1341: BUSINESS ETHICS (3:3-0)

Discussion of ethical issues, the development of a moral frame of reference, and the need for an awareness of social responsibility in management practices and business activities. Includes ethical corporate responsibility.

BMGT 1382: COOPERATIVE EDUCATION I-BUSINESS ADMINISTRATION AND MANAGEMENT, GENERAL (3:1-20)

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

BMGT 1383: COOPERATIVE EDUCATION II-BUSINESS ADMINISTRATION AND MANAGEMENT, GENERAL (3:1-20)

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

BMGT 2303: PROBLEM SOLVING AND DECISION MAKING (3:3-0)

Decision-making and problem-solving processes in organizations, utilizing logical and creative problem solving techniques. Application of theory is provided by experiential activities using managerial decision tools.

BMGT 2309: LEADERSHIP (3:3-0)

Concepts of leadership and its relationship to management. Prepares the student with leadership and communication skills needed to motivate and identify leadership styles.

BMGT 2331: PRINCIPLES OF QUALITY MANAGEMENT (3:3-0)

Quality throughout organizations. Includes planning and implementing quality programs in an organization and analyzing cost/benefit of quality. Also covers the impact of employee empowerment.

BMGT 2341: STRATEGIC MANAGEMENT (3:3-0)

A study of the strategic management process, including analysis of how organizations develop and implement a strategy for achieving organizational objectives in a changing environment.

BMGT 2382: COOPERATIVE EDUCATION III-BUSINESS ADMINISTRATION AND MANAGEMENT, GENERAL (3:1-20)

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

BUSA 1315: INVESTMENTS AND SECURITIES (3:3-0)

A study of relevant terminology and changes in the stock market as a result of economic and political events and changes in interest rates and taxes.

BUSG 1301: INTRODUCTION TO BUSINESS (3:3-0)

Fundamental business principles including structure, functions, resources, and operational processes.

BUSG 1303: PRINCIPLES OF FINANCE (3:3-0)

Financial dynamics of a business. Includes monetary and credit theory, cash inventory, capital management, and consumer and government finance. Emphasizes the time value of money.

BUSG 1341: SMALL BUSINESS FINANCING (3:3-0)

Financial structure of a small business. Includes business financing, budgeting, record keeping, taxation, insurance, and banking.

BUSG 2309: SMALL BUSINESS MANAGEMENT/ENTREPRENEURSHIP (3:3-0)

Starting, operating, and growing a small business. Includes essential management skills, how to prepare a business plan, accounting, financial needs, staffing, marketing strategies, and legal issues.

BUSG 2317: BUSINESS LAW/COMMERCIAL (3:3-0)

The relationships of law and business as they relate to commercial transactions.

BUSI 1301: BUSINESS PRINCIPLES (3:3-0)

A course of study of the principles of the modern business world that provides a foundation for further study of other business courses. This course emphasizes the study of economics, global dimensions of business, ethics, forms of ownership, management, marketing, and finance. R, W.

BUSI 1307: PERSONAL FINANCE (3:3-0)

Personal and family accounts, budgets and budgetary control, bank accounts, charge accounts, borrowing, investing, insurance, standards of living, renting or home ownership, and wills and trust plans.

BUSI 2301: BUSINESS LAW (3:3-0)

General principles of law to acquaint the student with the legal environment in which business enterprise operates in its relationship to the whole body of law. Topics include historical and constitutional foundations of law, ethics, courts, court procedures, torts (against both persons and businesses), criminal law, and contracts. R, W.

• Child Development

CDEC 1303: FAMILIES, SCHOOL AND COMMUNITY (3:3-1)

Study of the child, family, community, and schools. Includes parent education and involvement, family and community lifestyles, child abuse, and current family life issues. Course content is aligned with State Board for Educator Certification Pedagogy and Professional Responsibilities standards. Requires students to participate in a minimum of 16 hours field experience with children from infancy through age 12 in a variety of settings with varied and diverse populations. Lab fee \$24.

CDEC 1311: EDUCATING YOUNG CHILDREN (3:3-1)

An introduction to the education of the young child. Includes developmentally appropriate practices and programs, theoretical and historical perspectives, ethical and professional responsibilities, and current issues. Course content is aligned with State Board for Educator Certification Pedagogy and Professional Responsibilities standards. Requires students to participate in a minimum of 16 hours of field experience with children from infancy through age 12 in a variety of settings with varied and diverse populations. Lab fee \$24.

CDEC 1317: CHILD DEVELOPMENT ASSOCIATE TRAINING I (3:2-2)

Based on the requirements for the Child Development Associate credential (CDA). Topics include CDA overview, observation skills, and child growth and development. The four functional areas of study are creative, cognitive, physical, and communication. This course requires students to participate in 16 hours of relevant field experience. Prerequisite: Must have departmental approval prior to enrolling in this course. Lab fee \$24.

CDEC 1318: WELLNESS OF THE YOUNG CHILD (3:3-1)

Factors impacting the well-being of young children. Includes healthy behavior, food, nutrition, fitness, and safety practices. Focuses on local and national standards and legal implications of relevant policies and regulations. Course content is aligned with State Board of Educator Certification Pedagogy and Professional Responsibilities standards. Requires students to participate in a minimum of 16 hours field experience with children from infancy through age 12 in a variety of settings with varied and diverse populations. Lab fee \$24.

CDEC 1343: INDEPENDENT STUDY IN CHILD DEVELOPMENT (3:2-2)

Study of an approved career topic. Research, presentation of findings, and practical applications are emphasized as they relate to the selected topic. This course requires students to participate in 32 hours of relevant field experience. Prerequisite: Must have departmental approval prior to enrolling in this course. Lab fee \$24.

CDEC 1354: CHILD GROWTH AND DEVELOPMENT (3:3-0)

Physical, emotional, social, and cognitive factors impacting growth and development of children through adolescence.

CDEC 1356: EMERGENT LITERACY FOR EARLY CHILDHOOD (3:2-2)

An exploration of principles, methods, and materials for teaching young children language and literacy through a play-based integrated curriculum. This course requires students to participate in 16 hours of relevant field experience. Lab fee \$24.

CDEC 1358: CREATIVE ARTS FOR EARLY CHILDHOOD (3:2-2)

An exploration of principles, methods, and materials for teaching children music, movement, visual arts, and dramatic play through process-oriented experiences to support divergent thinking. This course requires students to participate in 16 hours of relevant field experience. Lab fee \$24.

CDEC 1359: CHILDREN WITH SPECIAL NEEDS (3:3-0)

A survey of information regarding children with special needs including possible causes and characteristics of exceptionalities, intervention strategies, available resources, referral processes, the advocacy role, and legislative issues.

CDEC 1413: CURRICULUM RESOURCES FOR EARLY CHILDHOOD PROGRAMS: (4:3-2)

A study of the fundamentals of developmentally appropriate curriculum design and implementation in early care and education programs for children. This course requires students to participate in 32 hours of relevant field experience. Lab fee \$24.

CDEC 1419: CHILD GUIDANCE (4:3-2)

An exploration of guidance strategies for promoting prosocial behaviors with individual and groups of children. Emphasis on positive guidance principles and techniques, family involvement and cultural influences. Practical application through direct participation with children. This course requires students to participate in 32 hours of relevant field experience. Lab fee \$24.

CDEC 1421: THE INFANT AND TODDLER (4:3-2)

A study of appropriate infant and toddler programs (birth to age 3), including an overview of development, quality routines, learning environments, materials and activities, and teaching/guidance techniques. This course requires students to participate in 32 hours of relevant field experience. Lab fee \$24.

CDEC 2307: MATH AND SCIENCE FOR EARLY CHILDHOOD (3:2-2)

An exploration of principles, methods, and materials for teaching children math and science concepts and process skills through discovery and play. This course requires students to participate in 16 hours of relevant field experience. Lab fee \$24.

CDEC 2315: DIVERSE CULTURAL/MULTILINGUAL EDUCATION (3:2-2)

An overview of multicultural topics and education. Includes relationships with the family and community awareness and sensitivity to diversity, and individual needs of children. This course requires students to participate in 16 hours of relevant field experience. Lab fee \$24.

CDEC 2322: CHILD DEVELOPMENT ASSOCIATE TRAINING II (3:2-2)

A continuation of the study of the requirements for the Child Development Associate credential (CDA). The six functional areas of study include safe, healthy, learning environment, self, social, and guidance. Prerequisite: Must have departmental approval prior to enrolling in this course. In order to pursue CDA credential, the student must be employed in a childcare facility. This course requires students to participate in 16 hours of relevant field experience. Lab fee \$24.

CDEC 2324: CHILD DEVELOPMENT ASSOCIATE TRAINING III (3:2-2)

Continuation of the requirements for the Child Development Associate credential (CDA). The three functional areas of study include family, program management and professionalism. Prerequisite: Must have

departmental approval prior to enrolling in this course. In order to pursue CDA credential, the student must be employed in a childcare facility. This course requires students to participate in 16 hours of relevant field experience. Lab fee \$24.

CDEC 2326: ADMINISTRATION OF PROGRAMS FOR CHILDREN I (3:3-0)

Application of management procedures for early care education programs. Includes planning, operating, supervising, and evaluating programs. Topics cover philosophy, types of programs, policies, fiscal management, regulations, staffing, evaluation, and communication.. Prerequisite: TECA 1311 or CDEC 1311 and must have departmental approval prior to enrolling in this course

CDEC 2328: ADMINISTRATION OF PROGRAMS FOR CHILDREN II (3:3-0)

An in-depth study of the skills and techniques in managing early care and education programs, including legal and ethical issues, personnel management, team building, leadership, conflict resolution, stress management, advocacy, professionalism, fiscal analysis and planning parent education/partnerships. Prerequisite: TECA 1311 or CDEC 1311 and must have departmental approval prior to enrolling in this course.

CDEC 2384: COOPERATIVE EDUCATION-CHILD DEVELOPMENT (1-0-20)

Career-related activities encountered in the student's area of specialization offered through an individualized agreement. Among the college, employer, and student. Under the supervision of the college and the employer, the student combines Classroom learning with work experience. Includes a lecture component.

CDEC 2441: THE SCHOOL AGE CHILD (4:3-2)

A study of programs for the school age child (5 to 13 years), including an overview of development, learning environments, materials, and activities and teaching/guidance techniques. This course requires students to participate in 32 hours of relevant field experience. Lab fee \$24.

• Chemistry

CHEM 1104: CHEMICAL CALCULATIONS (1:1-1)

This course involves chemical calculations with emphasis on computer techniques for collection, storage, graphing, and reporting of data. Interfacing of equipment for processing of data is reinforced through demonstrations and projects. This course is individualized instruction. Offered when sufficient demand exists. Prerequisites: CHEM 1111, 1311, and permission of the instructor. Lab fee \$24. M

CHEM 1105: INTRODUCTORY CHEMISTRY LABORATORY I (1:0-3)

This course is designed to complement CHEM 1305. The laboratory work involves beginning laboratory techniques, lab safety, fundamental experimental data operations, and fundamental data calculations. Prerequisite: CHEM 1305 or corequisite CHEM 1305. Permission from department chair required. Lab fee \$24. R, M

CHEM 1111: GENERAL CHEMISTRY LABORATORY I (1:0-3)

This course is designed to complement CHEM 1311. The laboratory work involves beginning laboratory techniques, lab safety, fundamental experimental data operations, and chemical calculations. Prerequisite: CHEM 1311 or corequisite CHEM 1311. Lab fee \$24. R, M

CHEM 1112: GENERAL CHEMISTRY LABORATORY II (1:0-3)

This course is designed to complement CHEM 1312. The laboratory work includes laboratory techniques, qualitative analysis, pH of weak acids and bases, buffer systems, solubility, equilibrium, and chemical calculations. Prerequisites: CHEM 1111 and CHEM 1312 or corequisite CHEM 1312. Lab fee \$24. R, M

CHEM 1305: INTRODUCTORY CHEMISTRY I (3:3-0)

This course is designed for students in nursing, respiratory therapy, and similar health care areas. It also serves as a basic introductory course for students not majoring in science who wish to investigate some of the fundamentals of chemistry while meeting a physical science degree requirement. It covers the metric system, fundamental laws and theories, the structure of matter, formula and equation writing, periodic classification, gas laws, acid, bases, salts and solutions. The student should consult with an advisor relative to the use of this course in a degree sequence. Permission from department chair required. R, M

CHEM 1311: GENERAL CHEMISTRY I (3:3-0)

CHEM 1311 provides a basis for advanced work in the sciences. Topics covered include fundamental laws and theories, the structure of matter and periodic classification relationships, bonding theory, acids, bases and salts, properties of gases and solutions. Emphasis is placed on chemical calculations. Prerequisite: MATH 0350 or THEA with a score of 270 or ACCUPLACER with a score of 95 or ASSET IA with a score of 43 or COMPASS with a score of 76. R, M

CHEM 1312: GENERAL CHEMISTRY II (3:3-0)

Topics studied include equilibrium systems, electrochemistry, thermochemistry, nuclear chemistry, advanced bonding, kinetics, pH, buffers, and a brief introduction to organic chemistry. Chemical calculations are stressed. Prerequisite: CHEM 1311. R, M

CHEM 1405: INTRODUCTORY CHEMISTRY I (4:3-3)

This course is designed for students in nursing, respiratory therapy, and similar health care areas. It also serves as a basic introductory course for students not majoring in science who wish to investigate some of the fundamentals of chemistry while meeting a physical science degree requirement. It covers the metric system, fundamental laws and theories, the structure of matter, formula and equation writing, periodic classification, gas laws, acid, bases, salts and solutions. Includes a laboratory portion related to the lecture material. The student should consult with an advisor relative to the use of this course in a degree sequence. Lab fee \$24. R, M

CHEM 1407: INTRODUCTORY CHEMISTRY II (4:3-3)

This is a continuation of CHEM 1305. Radioactivity and nuclear changes, equilibrium systems, the pH scale, and chemical systems are studied. Most of the semester is devoted to the study of carbon compounds with emphasis on physiological chemistry. Includes a laboratory portion related to the lecture material. The student should consult an advisor on the use of this course in a degree sequence. Prerequisite: CHEM 1305 and CHEM 1105, or CHEM 1311 and CHEM 1111. Lab fee \$24. R, W

CHEM 1408: INTRODUCTORY CHEMISTRY II (4:3-3) -- INTRODUCTION TO BIO-ORGANIC CHEMISTRY

This course is the equivalent of CHEM 1407 but with allied health emphasis. Topics include radioactivity, classes of organic compounds and their reactions. Also included is the study of carbohydrates, proteins, lipids, DNA and RNA, and important substances in biological processes. Includes a laboratory portion related to the lecture material. The student should consult an advisor on the use of this course in a degree sequence. Prerequisite: CHEM 1305 and CHEM 1105, or CHEM 1311 and CHEM 1111. Lab fee \$24. R, W

CHEM 2423: ORGANIC CHEMISTRY I (4:3-4)

This course is a systematic study of the aliphatic and aromatic hydrocarbons and their derivatives. Emphasis is placed on synthesis, mechanisms, stereoisomerism and practical applications. Laboratory techniques in synthesis and purification are stressed. Infrared instrumentation is used. This course is designed to satisfy pre-medical, pre pharmacy, pre-engineering, chemistry and other science major requirements. Prerequisites: CHEM 1112 and 1312. \$24 lab fee. R, W

CHEM 2425: ORGANIC CHEMISTRY II (4:3-4)

This course is a continuation of CHEM 2423. Emphasis is placed on spectroscopy, organic reactions and mechanisms, and the study of the aromatic systems. Laboratory techniques in synthesis and qualitative analysis are stressed. Infrared instrumentation is used. Prerequisite: CHEM 2423. Lab fee \$24. R, W.

• Criminal Justice

CJCR 1307: CORRECTIONAL SYSTEMS AND PRACTICES (3:3-0)

Corrections in the criminal justice systems, organization of correctional systems, correctional role, institutional operations, alternatives to institutionalization, treatment and rehabilitation, current and future issues.

CJCR 2324: COMMUNITY RESOURCES IN CORRECTIONS (3:3-0)

An introductory study of the role of the community in corrections, community programs for adults and juveniles, administration of community programs, legal issues, future trends in community treatment.

CJLE 2247: TACTICAL SKILLS FOR POLICE (2:1-3)

Development of proficiency with a range of impact weapons and/or chemical agents and defensive techniques necessary to control violent person. Lab fee \$24.

CJSA 1308: CRIMINALISTICS I (3:3-0)

Introduction to the field of criminalistics. Topics include the application of scientific and technical methods in the investigation of crime including location, identification, and handling of evidence for scientific analysis.

CJSA 1312: CRIME IN AMERICA (3:3-0)

American crime problems in historical perspective, social and public policy factors affecting crime, impact and crime trends, social characteristics of specific crimes, prevention of crime.

CJSA 1313: COURT SYSTEMS AND PRACTICES (3:3-0)

The judiciary in the criminal justice system, structure of the American court system, prosecution; right to counsel, pre-trial release, grand juries, adjudication process, types and rules of evidence, sentencing.

CJSA 1317: JUVENILE JUSTICE SYSTEM (3:3-0)

A study of the juvenile justice process to include specialized juvenile law, role of the juvenile law, role of the juvenile courts, role of police agencies, role of correctional agencies, and theories concerning delinquency.

CJSA 1322: Introduction to Criminal Justice (3:3-0)

History and philosophy of criminal justice and ethical considerations, crime defined, its nature and impact, overview of criminal justice system, law enforcement, court system, prosecution and defense, trial process, corrections.

CJSA 1325: CRIMINOLOGY (3:3-0)

Current theories and empirical research pertaining to crime and criminal behavior and its causes, methods of prevention, systems of punishment, and rehabilitation.

CJSA 1327: FUNDAMENTALS OF CRIMINAL LAW (3:3-0)

A study of the nature of criminal law, philosophical and historical development, major definitions and concepts, classification of crime, elements of crimes and penalties using Texas statutes as illustrations, criminal responsibility.

CJSA 1342: CRIMINAL INVESTIGATION (3:3-0)

Investigative theory, collection and preservation of evidence, sources of information, interview and interrogation, uses of forensic sciences, case and trial preparation.

CJSA 1348: ETHICS IN CRIMINAL JUSTICE (3:3-0)

Ethical philosophies and issues pertaining to the various professions in the criminal justice system. Includes ethical issues emanating from constitutional conflict with public protection and individual rights, civil liberties, and correctional policies.

CJSA 1359: POLICE SYSTEM AND PRACTICES (3:3-0)

The police profession, organization of law enforcement systems, the police role, police discretion, ethics, police-community interaction, current and future issues.

CJSA 1382: COOPERATIVE EDUCATION I-CRIMINAL JUSTICE STUDIES (3:1-20)

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

CJSA 2300: LEGAL ASPECTS OF LAW ENFORCEMENT (3:3-0)

Police authority, responsibilities, constitutional constraints, laws of arrest, search and seizure, police liability.

CJSA 2382: Cooperative Education II-Criminal Justice Studies (3:1-20)

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

• Computer Office Systems

COSC 1301: MICROCOMPUTER APPLICATIONS (3:2-2)

Overview of computer systems-hardware, operating systems, and microcomputer application software, including the Internet, word processing, spreadsheets, presentation graphics and databases. Current issues such as the effect of computer on society, and the history and use of computers in business, educational, and other modern settings are also studied. Lab fee \$24.

COSC 1309: LOGIC DESIGN (3:3-0)

A discipline approach to problem solving with structured techniques and representation of algorithms using pseudo code and graphical tools. Discussion of methods for testing, evaluation and documentation is included.

COSC 1315: FUNDAMENTALS OF PROGRAMMING (3:2-2)

Introduction to computer programming. Emphasis on the fundamentals of structured design, development, testing, implementation and documentation. Includes coverage of language syntax, data and file structures, input/output devices, and disks/files. This course is offered in the spring semester. Lab fee \$24.

COSC 1436: PROGRAMMING FUNDAMENTALS I (4:3-2)

Introduces the fundamental concepts of structured programming. Topics include software development methodology, data types, control structures, functions, arrays, and the mechanics of running, testing, and debugging. This course assumes computer literacy. Lab fee \$24.

COSC 1437: PROGRAMMING FUNDAMENTALS II (4:3-2)

Review of control structures and data types with emphasis on structured data types. Applies the object-oriented programming paradigm, focusing on the definition and use of classes along with the fundamentals of object-oriented design. Includes basic analysis of algorithms, searching and sorting techniques, and an introduction to software engineering. Prerequisite: COSC 1436. Lab fee \$24.

COSC 2430: ADVANCED STRUCTURED LANGUAGES (4:3-2)

Further applications of programming techniques. Topics may include file access methods, data structures and modular programming, program testing and documentation, and other topics not normally covered in an introductory computer-programming course. This course is offered in the summer semester. JAVA is the language used. Lab fee \$24.

COSC 2436: PROGRAMMING FUNDAMENTALS III (4:3-2)

Further applications of programming techniques, introducing the fundamental concepts of data structures and algorithms. Topics include recursion, fundamental data structures (including stacks, queues, linked lists, hash tables, trees, and graphs), and algorithmic analysis. This course is offered in the fall semester. Prerequisite: COSC 1437. Lab fee \$24.

CPMT 1303: INTRODUCTION TO COMPUTER TECHNOLOGY (3:2-2)

A fundamental computer course that provides explanation of the procedures to utilize hardware and software. Emphasis on terminology, acronyms, and hands-on activities. Lab fee \$24.

CPMT 1311: INTRODUCTION TO COMPUTER MAINTENANCE (3:2-4)

Introduction to the installation, configuration, and maintenance of a microcomputer system. Lab fee \$24.

CPMT 1345: COMPUTER SYSTEMS MAINTENANCE (3:2-4)

Functions of the components within a computer system. Development of skills in the use of test equipment and maintenance aids. Lab fee \$24. Prerequisite: CPMT 1311.

CPMT 1404: MICROCOMPUTER SYSTEM SOFTWARE (4:3-2)

Skill development in the installation, configuration, maintenance and troubleshooting of system software in microcomputers. Topics may include operating systems, utility software and other software affecting the basic operation of a microcomputer system. Lab fee \$24. Prerequisite: ITSC 1305.

CPMT 2402: HOME TECHNOLOGY INTEGRATION (4:3-2)

Integration and maintenance of various home technology subsystems. Includes home automation, security and surveillance, home networks, video and audio networks, and structured wiring. Lab fee \$24.

CPMT 2445: COMPUTER SYSTEM TROUBLESHOOTING: (4:3-2)

Principles and practices involved in computer system troubleshooting techniques and repair procedures including advanced diagnostic test programs and the use of specialized test equipment. Lab fee \$24.

CPMT 2449: ADVANCED COMPUTER NETWORKING TECHNOLOGY (4:3-2)

Network technology emphasizing network operating systems, network connectivity, hardware, and software. Includes implementation, troubleshooting, and maintenance of LAN and/or WAN network environments. This course is offered in the fall semester. Lab fee \$24.

• Criminal Justice

CRIJ 1301: INTRODUCTION TO CRIMINAL JUSTICE (3:3-0)

History, philosophy, and ethical considerations of criminal justice; the nature and impact of crime; and an overview of the criminal justice system, including law enforcement and court procedures.

CRIJ 1306: COURT SYSTEMS AND PRACTICES (3:3-0)

Study of the judiciary in the American criminal justice system and the adjudication processes and procedures.

CRIJ 1307: CRIME IN AMERICA (3:3-0)

American crime problems in historical perspective, social and public policy factors affecting crime, impact and crime trends, social characteristics of specific crimes, and prevention of crime.

CRIJ 1310: FUNDAMENTALS OF CRIMINAL LAW (3:3-0)

Study of criminal law, its philosophical and historical development, major definitions and concepts, classifications and elements of crime, penalties using Texas statutes as illustrations, and criminal responsibility.

CRIJ 1313: JUVENILE JUSTICE SYSTEM (3:3-0)

A study of the juvenile justice process to include specialized juvenile law, role of juvenile law, role of juvenile courts, role of police agencies, role of correctional agencies, and theories concerning delinquency.

CRIJ 2301: COMMUNITY RESOURCES IN CORRECTIONS (3:3-0)

An introductory study of the role of the community in corrections; community programs for adults and juveniles; administration of community programs; legal issues; future trends in community treatment.

CRIJ 2313: CORRECTIONAL SYSTEMS AND PRACTICES (3:3-0)

Corrections in the criminal justice system; organization of correctional systems; correctional role; institutional operations; alternatives to institutionalization; treatment and rehabilitation; current and future issues.

CRIJ 2314: CRIMINAL INVESTIGATION (3:3-0)

Investigative theory; collection and preservation of evidence; sources of information; interview and interrogation; uses of forensic sciences; case and trial preparation.

CRIJ 2323: LEGAL ASPECTS OF LAW ENFORCEMENT (3:3-0)

Police authority; responsibilities; constitutional restraints; laws of arrest, search, and seizure; police liability.

CRIJ 2328: POLICE SYSTEMS AND PRACTICES (3:3-0)

The police profession; organization of law enforcement systems; the police role; police discretion; ethics; police community interaction; current and future issues.

• Dance

DANC 1241: BALLET I (2:1-2)

Instruction and participation in ballet technique.

DANC 1247: JAZZ I (2:1-2)

Development of basic principles and theories involved in composition. Emphasis is placed on movement principles, group and structured forms of jazz dance style.

DANC 1248: JAZZ II (2:1-2)

Instruction and participation in jazz dance technique.

• Drafting

DFTG 1305: TECHNICAL DRAFTING (3:2-4)

Introduction to the principles of drafting to include terminology and fundamentals, including size and shape descriptions, projection methods, geometric construction, sections, and auxiliary views. Lab fee \$24.

DFTG 1309: BASIC COMPUTER-AIDED DRAFTING (3:2-4)

An introduction to computer-aided drafting. Emphasis is placed on setup; creating and modifying geometry; storing and retrieving predefined shapes; placing, rotating, and scaling objects, adding text and dimensions, using layers, coordinate systems, and plot/print to scale. Lab fee \$24.

DFTG 1317: ARCHITECTURAL DRAFTING - RESIDENTIAL (3:2-4)

Architectural drafting procedures, practices, terms, and symbols. Preparation of detailed working drawings for residential structures. Emphasis on light frame construction methods. Lab fee \$24. Prerequisite: DFTG 1309 and DFTG 1305, or instructor approval.

DFTG 1358: ELECTRICAL/ELECTRONICS DRAFTING (3:2-4)

Electrical and electronic drawings stressing modern representation used for block diagrams, schematic diagrams, logic diagrams, wiring/assembly drawings, printed circuit board layouts, motor control diagrams, power distribution diagrams, and electrical one-line diagrams. Lab fee \$24. Prerequisite: DFTG 1309 and DFTG 1305, or instructor approval.

DFTG 2302: MACHINE DRAFTING (3:2-4)

Production of detail and assembly drawings of machines, threads, gears, utilizing tolerances, limit dimensioning, and surface finishes. Lab fee \$24. Prerequisite: DFTG 1309 and DFTG 1305, or instructor approval.

DFTG 2306: MACHINE DESIGN (3:2-4)

Theory and practice of design. Projects in problem-solving, including press fit, bolted and welded joints, and transmission components. Lab fee \$24.

DFTG 2308: INSTRUMENTATION DRAFTING (3:2-4)

Principles of instrumentation applicable to industrial applications; fundamentals of measurement and control devices; currently used ISA (Instrument Society of America) symbology; basic flow sheet layout and drafting practices. Lab fee \$24. Prerequisite: DFTG 2319 or instructor approval.

DFTG 2312: TECHNICAL ILLUSTRATION AND PRESENTATION (3:2-4)

Study of pictorial drawings including isometrics, obliques, perspectives, charts, and graphs. Emphasis on rendering and using different media. Lab fee \$24.

DFTG 2319 INTERMEDIATE COMPUTER-AIDED DRAFTING (3:2-4)

A continuation of practices and techniques used in basic computer-aided drafting including the development and use of prototype drawings, construction of pictorial drawings, extracting data and basics of 3D. Lab fee \$24.

Prerequisite: DFTG 1309 and DFTG 1305, or instructor approval.

DFTG 2321: TOPOGRAPHICAL DRAFTING (3:2-4)

Plotting of surveyor's field notes. Includes drawing elevations, contour lines, plan and profiles, and laying out traverses. Lab fee \$24.

DFTG 2328: ARCHITECTURAL DRAFTING – COMMERCIAL (3:2-4)

Architectural drafting procedures, practices, governing codes, terms, and symbols including the preparation of detailed working drawings for a commercial building, with emphasis on commercial construction methods.

Lab fee \$24. Prerequisite: DFTG 2319 or instructor approval.

DFTG 2330: CIVIL DRAFTING (3:2-4)

An in-depth study of drafting methods and principles used in civil engineering. Lab fee \$24. Prerequisite: DFTG 2319 or instructor approval.

DFTG 2331: Advanced Technologies in Architectural Design and Drafting (3:2-4)

Use of architectural specific software to execute the elements required in designing standard architectural exhibits utilizing custom features to create walls, windows and specific design requirements for construction in residential commercial and industrial architecture. Autodesk Revit Architecture is the preferred software. Lab fee \$24.

Prerequisite: DFTG 1317 or instructor approval.

DFTG 2340: SOLID MODELING/DESIGN (3:2-4)

A computer-aided modeling course. Development of three-dimensional drawings and models from engineering sketches and orthographic drawings and utilization of three-dimensional models in design work. Lab fee \$24.

Prerequisite: DFTG 2319 or instructor approval.

DFTG 2380: COOPERATIVE EDUCATION-DRAFTING AND DESIGN TECHNOLOGY/TECHNICIAN, GENERAL (3:1-20)

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

DFTG 2438: FINAL PROJECT-ADVANCED DRAFTING (4:2-4)

A drafting course in which students participate in a comprehensive project from conception to conclusion. Lab fee \$24.

• Dental Hygiene

DHYG 1123: DENTAL HYGIENE PRACTICE (1:1-0)

Emphasis on the laws governing the practice of dentistry and dental hygiene, moral standards, and the ethical standards established by the dental hygiene profession. Examination of the dental hygienist's role in practice settings and office operations; and preparation for employment, resume preparation and interviewing. End-of-course outcomes: Explain the Dental Practice Act governing the dental and dental hygiene profession; evaluate ethical and moral issues affecting dental hygiene practice; describe traditional and non-traditional dental hygiene practice settings; and prepare for employment. Prerequisites: DHYG 2361, DHYG 1315, DHYG 1239, SOCI 1301, ENGL 2311. Corequisites: DHYG 2262, DHYG 1291, and a Fine Arts-Humanities elective. A grade of "C" or higher is required in all prerequisite and corequisite courses. R.W. M.

DHYG 1207: GENERAL AND DENTAL NUTRITION (2:2-0)

General nutrition and nutritional biochemistry with emphasis on the effects of nutrition, dental health, diet, and application of counseling strategies. End-of-course outcomes: Explain general nutritional requirements, deficiencies, and major biochemical reactions within the human body; and interpret and analyze dietary records. Prerequisites: DHYG 1431, DHYG 1304, DHYG 2201, ENGL 1301. Corequisites: DHYG 1311, DHYG 1260, DHYG 2231, PSYC 2301. A grade of "C" or higher is required in all prerequisite and corequisite courses. R, W, M.

DHYG 1219: DENTAL MATERIALS (2:1-4)

Physical and chemical properties of dental materials including the application and manipulation of the various materials used in dentistry. End-of-course outcomes: Differentiate between the various types of dental materials and

their respective properties; and manipulate materials used in dentistry. Prerequisites: DHYG 1311, DHYG 1260, DHYG 1207, DHYG 2231, PSYC 2301. Corequisite: DHYG 1235. A grade of "C" or higher is required in all prerequisite and corequisite courses. \$40 dental materials fee. R, W, M.

DHYG 1235: PHARMACOLOGY FOR THE DENTAL HYGIENIST (2:2-0)

Classes of drugs and their uses, actions, interactions, side effects, contraindications, and systemic and oral manifestations with emphasis on dental applications. End-of-course outcomes: Identify the uses, actions, and contraindications of drugs; differentiate the classification of drugs; and recognize systemic and oral manifestations associated with their use. Prerequisites: DHYG 1311, DHYG 1260, DHYG 1207, DHYG 2231, PSYC 2301

Corequisite: DHYG 1319. A grade of "C" or higher is required in all prerequisite and corequisite courses. R, W, M.

DHYG 1239: GENERAL AND ORAL PATHOLOGY (2:2-0)

Disturbances in human body development, diseases of the body, and disease prevention measures with emphasis on the oral cavity and associated structures. End-of-course outcomes: Differentiate between normal and abnormal conditions of the human body with emphasis on the oral cavity; and identify the major principles for disease prevention. Prerequisites: DHYG 1235, DHYG 1319, Corequisites: DHYG 2361, DHYG 1315, SOCI 1301, ENGL 2311. A grade of "C" or higher is required in all prerequisite and corequisite courses. R, W, M.

DHYG 1260: CLINICAL DENTAL HYGIENIST I (2:0-12)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional. This instruction provides detailed education, training and work-based experience and direct patient/client care. Specific and gradually more challenging learning objectives are developed by the clinical faculty for each clinical course. On-site clinical instruction, supervision, and evaluation are the responsibility of the College faculty. End-of-course outcomes: As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry. Prerequisites: DHYG 1431, DHYG 1304, DHYG 2201, ENGL 1301. Corequisites: DHYG 1311, DHYG 1207, DHYG 2231, PSYC 2301. A grade of "C" or higher is required in all prerequisite and corequisite courses. Clinical Fee \$48. R, W, M.

DHYG 1291: SPECIAL TOPICS IN DENTAL HYGIENE (2:1-4)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. An in-depth study of selected topics that addresses recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the dental health care delivery system and to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency. End-of-course outcomes: Learning outcomes/objectives are determined by local occupational need and business and industry standards. Prerequisites: successful completion of all prior required dental hygiene courses, SOCI 1301, ENGL 2311. Corequisites : DHYG 2262, DHYG 1123, Fine Arts Humanities elective. A grade of "C" or higher is required in all prerequisite and corequisite courses. Lab fee \$24. R, W, M.

DHYG 1301: OROFACIAL ANATOMY, HISTOLOGY AND EMBRYOLOGY (3:2-4)

The histology and embryology of oral tissues, gross anatomy of the head and neck, tooth morphology, and individual tooth identification. End-of-course outcomes: Identify the histological and embryological development of the orofacial structures; locate the major structures of the head and neck; and compare and contrast various teeth including the crown and root morphology. Prerequisite: Formal admission to the Dental Hygiene Program. Corequisites: DHYG 1327. A grade of "C" or higher is required in all prerequisite and corequisite courses. Lab Fee. \$30. R, W, M.

DHYG 1304: DENTAL RADIOGRAPHY (3:2-4)

Radiation physics, biology, hygiene and safety theories with an emphasis on the fundamentals of oral radiographic techniques and interpretation of radiographs. Includes exposure of intra-oral radiographs, quality assurance, radiographic interpretation, patient selection criteria, and other ancillary radiographic techniques. End-of-course outcomes: Explain the theories of radiation physics, biology, hygiene, and safety; produce and interpret diagnostically acceptable radiographs utilizing various radiographic techniques; apply the principles of quality assurance in dental radiography; and describe the fundamentals of oral radiographic techniques and interpretation. Corequisites: DHYG 2201, DHYG 1431, ENGL 1301. A grade of "C" or higher is required in all prerequisite and corequisite courses. \$72 radiology film fee ; R, W, M.

DHYG 1311: **PERIODONTOLOGY (3:3-1)** Normal and diseased

periodontium including the structural, functional, and environmental factors. Emphasis on etiology, pathology, treatment modalities, and therapeutic and preventive periodontics. End-of-course outcomes: Contrast normal and abnormal periodontium; analyze the etiology and pathology of periodontal disease; differentiate treatment modalities used for therapy and prevention; and interpret periodontal assessment data to develop a dental hygiene treatment plan. Prerequisites: DHYG 1431, DHYG 1304, DHYG 2201, ENGL 1301. Corequisites: DHYG 1260, DHYG 1207, DHYG 2231, PSYC 2301. A grade of "C" or higher is required in all prerequisite and corequisite courses. Lab fee \$24. R, W, M.

DHYG 1315: COMMUNITY DENTISTRY (3:3-1)

The principles and concepts of community public health and dental health education emphasizing community assessment, educational planning, implementation, and evaluation including methods and materials used in teaching dental health education in various community settings. End-of-course outcomes: Design a dental hygiene program that meets the needs of a target population; differentiate the governmental, sociological, environmental, and cultural

concerns of the community; and describe the principles and concepts of community public and dental health education and evaluation. Prerequisites: DHYG 1319, DHYG 1235. Corequisites: DHYG 2361, DHYG 1239, SOCI 1301, ENGL 2311. A grade of "C" or higher is required in all prerequisite and corequisite courses. Lab fee \$24. R, W, M.

DHYG 1327: PREVENTIVE DENTAL HYGIENE CARE (3:3-1)

The dental hygienist in the dental health care system emphasizing the basic concepts of disease prevention and health promotion. Communication and behavior modification skills are utilized to facilitate the role of the dental hygienist as an educator. End-of-course outcomes: Describe the role of the dental hygienist as a preventive dental team member; explain the concepts of dental disease prevention and health promotion; and develop a patient education plan utilizing the concepts of communication and behavior modification. Prerequisites: Formal admission to the program. Corequisite: DHYG 1301. A grade of "C" or higher is required in all prerequisite and corequisite courses. Lab fee \$24. R, W, M.

DHYG 1431: PRE-CLINICAL DENTAL HYGIENE (4:2-8)

Foundational knowledge for performing clinical skills on patients with emphasis on procedures, rationale and professionalism for performing dental hygiene care. End-of-course outcomes: Demonstrate basic dental hygiene instrumentation skills; and explain the procedures and rationale for dental hygiene care. Prerequisite: DHYG 1301, DHYG 1327. Corequisites: DHYG 2201, DHYG 1304, ENGL 1301. A grade of "C" or higher is required in all prerequisite and corequisite courses. Clinical Fee \$48; \$20 liability insurance fee. R, W, M.

DHYG 2201: CONTEMPORARY DENTAL HYGIENE CARE I (2:2-0)

Dental hygiene care for the medically or dentally compromised patient including supplemental instrumentation techniques. End-of-course outcomes: Assess various patient needs; formulate a treatment plan for the medically and dentally compromised patient; and describe supplemental instrumentation techniques. Prerequisites: DHYG 1301, DHYG 1327. Corequisites: DHYG 1431, DHYG 1304, ENGL 1301. A grade of "C" or higher is required in all prerequisite and corequisite courses R, W, M.

DHYG 2231: CONTEMPORARY DENTAL HYGIENE CARE II (2:2-0)

A continuation of Contemporary Dental Hygiene Care I. Dental hygiene care for the medically and dentally compromised patient including advanced instrumentation techniques. End-of-course outcomes: Assess various patient needs; formulate a treatment plan for the medically and dentally compromised patient; and describe advanced instrumentation techniques. Prerequisites: DHYG 1431, DHYG 1304, DHYG 2201, ENGL 1301. Corequisites: DHYG 1311, DHYG 1260, DHYG 1207, PSYC 2301. A grade of "C" or higher is required in all prerequisite and corequisite courses. R, W, M.

DHYG 2361: CLINICAL DENTAL HYGIENIST II (3:0-16)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. This instruction provides detailed education, training and work-based experience and direct patient/client care. Specific and gradually more challenging learning objectives are developed by the clinical faculty for each course. On-site clinical instruction, supervision, and evaluation are the responsibility of the College faculty. End-of-course outcomes: As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, laws, and interactions with and among political, economic, environmental, social and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry. Prerequisites: DHYG 1319, DHYG 1235. Corequisites: DHYG 1315, DHYG 1239, SOCI 1301, ENGL 2311. A grade of "C" or higher is required in all prerequisite and corequisite courses. Clinical Fee \$48, \$20 liability insurance fee. R, W, M.

DHYG 2262: CLINICAL DENTAL HYGIENIST III (2:0-12)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. This instruction provides detailed education, training and work-based experience and direct patient/client care. Specific and gradually more challenging learning objectives are developed by the clinical faculty for each course. On-site clinical instruction, supervision, and evaluation are the responsibility of the College faculty. End-of-course outcomes: As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business industry. Prerequisites: DHYG 2361, DHYG 1315, DHYG 1239, SOCI 1301, ENGL 2311. Corequisites: DHYG 1123, DHYG 1291, and a Fine Arts/Humanities Elective. A grade of "C" or higher is required in all prerequisite and corequisite courses. Clinical Fee \$48, \$20 liability insurance fee. R, W, M.

• Diagnostic Medical Sonography

DMSO 1110: INTRODUCTION TO SONOGRAPHY (1:1-0-0)

An introduction to the profession of sonography and the role of the sonographer. Emphasis on medical terminology, ethical/legal aspects, written and verbal communication, and professional issues relating to registry, accreditation, professional organizations and history of the profession. Prerequisites: A grade of 2.0 or higher in each of the prerequisites and accepted into the DMS program.

DMSO 1302: BASIC ULTRASOUND PHYSICS (3:3-0-0)

Basic acoustical physics and acoustical waves in human tissue. Emphasis on ultrasound transmission in soft tissues, attenuation of sound energy, parameters affecting sound transmission, and resolution of sound beams. Design of the transducer, ultrasound equipment, and production of the sound beam, controls on the ultrasound equipment to demonstrate adequate sonographic images, fundamentals of pulse-echo ultrasound systems.

Prerequisites: A grade of 2.0 or higher in each of the prerequisites and accepted into the DMS program.

DMSO 1342: INTERMEDIATE ULTRASOUND PHYSICS (3:3-0-0)

Continuation of Basic Ultrasound Physics. Includes interaction of ultrasound with tissues, mechanics of ultrasound production and display, various transducer designs and construction, quality assurance, bioeffects, and image artifacts. May introduce methods of Doppler flow analysis. Prerequisites: A grade of 2.0 or higher in each of the following DMSO 1103, DMSO 1110, DMSO 1302

DMSO 1361: CLINICAL I – DIAGNOSTIC MEDICAL SONOGRAPHY (3:0-16-0)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisites: A grade of 2.0 or higher in each of the following DMSO 1110, DMSO 1441, DMSO 1302, DSVT 1103, and DMSO 1342

DMSO 1441: ABDOMINOPELVIC SONOGRAPHY (4:3-3-0)

Normal anatomy and physiology of the abdominal and pelvic cavities as related to scanning techniques, transducer selection, and scanning protocols. This course has a lab. Prerequisites: A grade of 2.0 or higher in each of the following DMSO 1103, DMSO 110, DMSO 1302. Lab Fee \$24.

DMSO 2230: ADVANCED ULTRASOUND AND REVIEW (2:2-0-0)

Knowledge, skills, and professional values within a legal and ethical framework addressing emerging technologies and professional development. Review of basic and intermediate ultrasound principles.

Prerequisites: A grade of 2.0 or higher in each of the following DMSO 2442, DMSO 2354, and DMSO 2366

DMSO 2245: ADVANCED SONOGRAPHY PRACTICES (2:2-0-0)

Exploration of advanced sonographic procedures and emerging ultrasound applications.

Prerequisites: A grade of 2.0 or higher in each of the following DMSO 2442, DMSO 2354, and DMSO 2366

DMSO 2351: DOPPLER PHYSICS (3:3-0-0)

Doppler and hemodynamic principles relating to arterial and venous imaging and testing.

Prerequisites: A grade of 2.0 or higher in each of the following DMSO 1110, DMSO 1441, DMSO 1302, DSVT 1103, and DMSO 1342

DMSO 2353: SONOGRAPHY OF SUPERFICIAL STRUCTURES (3:2-3-0)

Detailed study of normal and pathological superficial structures as related to scanning techniques, patient history and laboratory data, transducer selection, and scanning protocols. This course has a lab. Prerequisites: A grade of 2.0 or higher in each of the following DMSO 2442, DMSO 2354, and DMSO 2366 Lab fee \$24.

DMSO 2354: NEUROSONOLOGY (3:3-0-0)

Normal and pathological neonatal head structures. Prerequisites: A grade of 2.0 or higher in each of the following DMSO 2363, and DMSO 2405

DMSO 2363: CLINICAL II – DIAGNOSTIC MEDICAL SONOGRAPHY (3:0-0-1824)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisites: A grade of 2.0 or higher in each of the following DMSO 2441, DMSO 1361, and DMSO 2351

DMSO 2366: PRACTICUM I – DIAGNOSTIC MEDICAL SONOGRAPHY (3:0-0-24)

Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. Prerequisites: A grade of 2.0 or higher in each of the following DMSO 2405, AND DMSO 2363

DMSO 2367: PRACTICUM II – DIAGNOSTIC MEDICAL SONOGRAPHY (3:0-0-24)

Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student. Prerequisites: A grade of 2.0 or higher in each of the following DMSO 2442, DMSO 2354, and DMSO 2366

DMSO 2405: SONOGRAPHY OF OBSTETRICS AND GYNECOLOGY (4:3-3-0)

Detailed study of the pelvis and obstetrics/gynecology as related to scanning techniques, patient history and laboratory data, transducer selection, and scanning protocols. This course has a lab. Prerequisites: A grade of 2.0 or higher in each of the following DMSO 2441, DMSO 1361, DMSO 2351 Lab Fee \$24.

DMSO 2441: SONOGRAPHY OF ABDOMINOPELVIC PATHOLOGY (4:3-3-0)

Pathologies and disease states of the abdomen and pelvis as related to scanning techniques, patient history and laboratory data, transducer selection, and scanning protocols. Emphasizes endocavitary sonographic anatomy and procedures including pregnancy. This course has a lab. Prerequisites: A grade of 2.0 or higher in each of the following DMSO 1110, DMSO 1441, DMSO 1302, DSVT 1103, and DMSO 1342 Lab fee \$24.

DMSO 2442: SONOGRAPHY OF HIGH RISK OBSTETRICS (4:3-3-0)

Maternal disease and fetal abnormalities. Includes scanning techniques, patient history and laboratory data, transducer selection, and scanning protocols. This course has a lab. Prerequisites: A grade of 2.0 or higher in each of the following DMSO 2405, and DMSO 2363. Lab fee \$24.

• *Drama***DRAM 1120: THEATRE PRACTICUM I (1:0-3)**

This is a laboratory course for extensive participation in theatre activities. It consists of work in drama for public presentation, backstage work, use of makeup, properties, lighting, and other facets of technical theatre. An average of three hours each week or a minimum of forty-eight hours of participation during the semester is required. This course may be repeated for credit. Maximum of 4 credits.

DRAM 1121: THEATRE PRACTICUM II (1:0-3)

This is a laboratory course for extensive participation in theatre activities. It consists of work in drama for public presentation, backstage work, use of makeup, properties, lighting, and other facets of technical theatre. An average of three hours each week or a minimum of forty-eight hours of participation during the semester is required. This course may be repeated for credit. Prerequisite: DRAM 1120 or permission of the instructor. Maximum of 4 credits.

DRAM 1310: INTRODUCTION TO THEATRE (3:3-0)

A general survey of all phases of theatre with emphasis on the various types and styles of plays, elementary theory, introduction to acting and directing, and introduction to technical production. Designed as a theatre appreciation course for the non-drama major and an introduction to theatre activities for the drama major. R, W

DRAM 1330: STAGECRAFT I (3:3-2)

An introduction to the fundamentals of technical theatre. Basic techniques of play production including scenery design and construction, make-up, costuming, properties, and lighting.

DRAM 2331: STAGECRAFT II (3:3-2)

A continuation of DRAM 1330, emphasizing the study and application of visual aesthetics of design.

Prerequisite: DRAM 1330 or permission of the instructor.

DRAM 1341: MAKE-UP (3:3-2)

The theory and practice of make-up for the stage. Principles of designing and applying make-up for characters in a play. Intensive practical application.

DRAM 1351: ACTING I (3:3-0)

A study of characterization and the creation of roles for the stage including study of voice production, study of movement, and practice in scenes from plays. Role playing through improvisations is used as a foundation for the course. R.

DRAM 1352: ACTING II (3:3-2)

An extensive study of practical experience in creating characterization. Emphasis on development of vocal and physical skill in acting through performances in solo acting, duet acting, group scenes from plays, and participation in productions staged by the College. Prerequisite: DRAM 1351 or consent of instructor. R, W

DRAM 2336: VOICE FOR THE THEATRE (3:3-0)

Physiology and mechanics of effective voice production with practice in articulation, pronunciation, and enunciation. Introduction to the International Phonetic Alphabet. This is the same course as SPCH 1342 but can be taken for Theatre credit. Credit will not be granted for both DRAM 2336 and SPCH 1342. R, W

DRAM 2366: DEVELOPMENT OF THE MOTION PICTURE I (3:3-2)

Analysis of the visual and aural aspects of selected motion pictures. Important classic films will be viewed to illustrate the historical growth and sociological impact of film as an art. R, W

• *Diagnostic Sonography Vascular Technology***DSVT 1103: INTRODUCTION TO VASCULAR TECHNOLOGY (1:1-0-0)**

Introduction to basic non-invasive vascular theories. Emphasizes image orientation, transducer handling, and identification of anatomic structures. Prerequisites: A grade of 2.0 or higher in each of the prerequisites and accepted into the DMS program.

• Economics

ECON 2301: PRINCIPLES OF MACROECONOMICS (3:3-0)

This course surveys the American economic system emphasizing the impact of choices made by consumers and firms on the total level of economic activity. Introduces the fundamental economic principles underlying the economic problem; special emphasis on aggregate economic analysis; determinants of policy; inflation and unemployment; economic growth; macroeconomic equilibrium, fiscal policy, monetary policy, government budget deficits and public debt, international trade, money and banking. Specific topics are examined using basic methods of economics. Pre-requisite: R, W

ECON 2302: PRINCIPLES OF MICROECONOMICS (3:3-0)

This course surveys the American economic system emphasizing choices made by consumers and firms and the impact that those choices have on specific markets in relation to the overall economy. Specific topics include: the economizing problem, production possibilities, international trade, demand and supply, elasticities, analysis of consumer choice, production and cost, wages and employment, interest rates and the markets for capital and natural resources, perfect competition, the monopoly model, monopolistic competition and oligopoly, public finance and public choice, and selected microeconomic applications. Specific topics are examined using basic methods of economics. Pre-requisite: R, W

• Education

EDUC 1301—INTRODUCTION TO THE TEACHING PROFESSION (3:3-1)

An enriched integrated pre-service course and content experience that provides active recruitment and institutional support of students interested in a teaching career, especially in high need fields; provides students with opportunities to participate in early field observations at all levels of P-12 schools with varied and diverse student populations; provides students with support from college and school faculty, preferably in small cohort groups, for the purpose of introduction to and analysis of the culture of schooling and classrooms; and includes 16 contact hours of field experience in P-12 classrooms.

EDUC 2301—INTRODUCTION TO SPECIAL POPULATIONS (3:3-1)

An enriched integrated pre-service course and content experience that provides an overview of schooling and classrooms from the perspective of language, gender, socioeconomic status, ethnic, and academic diversity and equity with an emphasis on factors that facilitate learning; provides students with opportunities to participate in early field observations of P-12 special populations; includes 16 contact hours of field experience in P-12 classrooms with special populations. Prerequisite: EDUC 1301. This course usually offered in the spring semester.

• Emergency Medical Services Professions

EMSP 1147: PEDIATRIC ADVANCED LIFE SUPPORT (1:1-0-0)

A course in the management of the pediatric patient experiencing difficulties in medical and/or trauma related emergencies. Prerequisites: EMSP 2434, 2430, 2260. Corequisites: EMSP 2143, 2135, 2338, 1149, 2460.

EMSP 1149: PRE-HOSPITAL TRAUMA LIFE SUPPORT (1:1-0-0)

Intense skill development in emergency field management, systematic rapid assessment, resuscitation, packaging, and transportation of patients. Includes experience necessary to meet initial certification requirements. Prerequisites: EMSP 2434, 2430, 2260. Corequisites: EMSP 2143, 2135, 1147, 2338, 2460.

EMSP 1160: CLINICAL-EMERGENCY MEDICAL TECHNOLOGY/TECHNICIAN (1:0-0-5)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Corequisite: EMSP 1501. \$25 Clinical fee. Approximately \$71 liability insurance fee.

EMSP 1162: Clinical-Emergency Medical Technology/Technician (1:0-0-4)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisites: Formal acceptance into ESP Program, EMSP 1501, 1160. Prerequisite or Corequisite: BIOL 2401 or 2404. Corequisites: EMSP 2348, 1438, 1356. \$50 Clinical fee. Approximately \$71 liability insurance fee if not paid previously during current academic year.

EMSP 1263: CLINICAL-EMERGENCY MEDICAL TECHNOLOGY/TECHNICIAN (2:0-0-6)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisites: EMSP 2348, 1356, 1438, 1162. Corequisite: EMSP 1355. Clinical Fee \$50.

EMSP 1305: EMERGENCY CARE ATTENDANT (3:2-2-0)

First responder course in emergency medical care. Emphasis on requirements of national and state accrediting agencies. No fees, prerequisites or corequisites.

EMSP 1355: TRAUMA MANAGEMENT (3:2-2-0)

A detailed study of the knowledge and skills in the assessment and management of patients with traumatic injuries. Prerequisites: EMSP 2348, 1356, 1438, 1162. Corequisite: EMSP 1263. Micro Simulation Fee \$40.

EMSP 1356: PATIENT ASSESSMENT AND AIRWAY MANAGEMENT (3:2-2-0)

A detailed study of the knowledge and skills required to perform patient assessment and airway management. Prerequisites: Formal acceptance into EMSP Program, EMSP 1501, 1160. Prerequisite or corequisite: BIOL 2401 or 2404. Corequisites: EMSP 2348, 1438, 1162. Micro Simulation Fee \$40.

EMSP 1438: INTRODUCTION TO ADVANCED PRACTICE (4:3-2-0)

An exploration of the foundations necessary for mastery of the advanced topics of clinical practice out of the hospital. Prerequisites: Formal acceptance into EMSP Program, EMSP 1501, 1160. Prerequisite or corequisite: BIOL 2401 or 2404. Corequisites: EMSP 1162, 1356, 2348.

EMSP 1501: EMERGENCY MEDICAL TECHNICIAN-BASIC (5:3-8-0)

Introduction to the level of Emergency Medical Technician (EMT)-Basic. Includes all skills necessary to provide emergency medical care at a basic life support level with an ambulance service or other specialized services. Corequisite: EMSP 1160.

EMSP 2135: ADVANCED CARDIAC LIFE SUPPORT (1:1-0-0)

Skill development for professional personnel practicing in critical care units, emergency departments, and paramedic ambulances. Establishes a system of protocols for management of the patient experiencing cardiac difficulties. Prerequisites: EMSP 2434, 2430, 2260. Corequisites: EMSP 2143, 2338, 1147, 1149, 2460.

EMSP 2143: ASSESSMENT BASED MANAGEMENT (1:0-3-0)

Comprehensive, assessment-based patient care management. Includes specific care when dealing with pediatric, adult, geriatric and special needs patients. Prerequisites: EMSP 2434, 2430, 2260. Corequisites: EMSP 2338, 2135, 1147, 1149, 2460. \$40 Micro Simulation fee.

EMSP 2163: CLINICAL – EMERGENCY MEDICAL EMT PARAMEDIC (1:0-0-6)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisites: Current State or National Certification as a paramedic. Corequisites: EMSP 2458. Approximately \$71 liability insurance fee if not paid previously during current academic year.

EMSP 2260: CLINICAL-EMERGENCY MEDICAL EMT PARAMEDIC (2:0-0-8)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisites: EMSP 1355, 1263, 2544. Corequisites: EMSP 2430, 2434. \$50 Clinical fee. Approximately \$71 liability insurance fee if not paid previously during current academic year.

EMSP 2338: EMS OPERATIONS (3:2-2-0)

A detailed study of the knowledge and skills to safely manage the scene of an emergency. Prerequisites: EMSP 2434, 2430, 2260. Corequisites: EMSP 2143, 2135, 1147, 1149, 2460.

EMSP 2348: EMERGENCY PHARMACOLOGY (3:3-1-0)

A comprehensive course covering all aspects of the utilization of medications in treating emergency situations. Course is designed to complement Cardiology, Special Populations, and Medical Emergencies courses. Prerequisites: Formal acceptance into EMSP Program; EMSP 1501, 1160; Prerequisite or corequisite: BIOL 2401 or 2404. Corequisites: EMSP 1438, 1356, 1162.

EMSP 2430: SPECIAL POPULATIONS (4:3-2-0)

A detailed study of the knowledge and skills necessary to reach competence in the assessment and management of ill or injured patients in nontraditional populations. Prerequisites: EMSP 1355, 1263, 2544. Corequisites: EMSP 2434, 2260.

EMSP 2434: MEDICAL EMERGENCIES (4:4-3-0)

A detailed study of the knowledge and skills in the assessment and management of patients with medical emergencies. Prerequisites: EMSP 1355, 1263, 2544. Corequisites: EMSP 2430, 2260. \$40 Micro Simulation fee.

EMSP 2460: CLINICAL-EMERGENCY MEDICAL EMT PARAMEDIC (4:0-0-14)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisites: EMSP 2434, 2430, 2260. Corequisites: EMSP 2143, 2135, 1147, 1149, 2338. \$50 Clinical fee. Approximately \$71 liability insurance fee if not paid previously during current academic year.

EMSP 2544: CARDIOLOGY (5:4-4-0)

Assessment and management of patients with cardiac emergencies. Includes basic dysrhythmia interpretation, recognition of 12-Lead EKGs for field diagnosis, and electrical and pharmacologic interventions. Prerequisites: EMSP 2348, 1356, 1438, 1162.

• *English***ENGL 0301: BASIC WRITING I (3:3-0)**

This course stresses mastery of fundamentals of language in writing. The course emphasizes mastery of basic grammar and mechanics and basic compositional skills. The construction of well-organized paragraphs will be stressed. This course is not for college level credit. Must make a grade of "C" or better to attempt next level.

ENGL 0302: BASIC WRITING II (3:3-0)

This course stresses individual self-expression through language. It provides opportunities for students to express their ideas through written composition. Basic forms of rhetoric are analyzed. This course will focus on the skills needed to write 300-600 word essays. This course is not for college level credit. Prerequisite: A grade "C" or above in ENGL 0301 or ASSET score of 35 or COMPASS score of 44 or ACCUPLACER score of 62 or THEA-W score of 205 and a Writing Score of 5. Must make a grade of "C" or better to complete the Basic Writing program.

ENGL 0307: ENGLISH AS A SECOND LANGUAGE (3:3-0)

This course is a concentrated study of vocabulary, pronunciation, and sentence structure. It includes review of grammatical structure, exposure to common sentence-level grammatical mistakes, and an introduction to the basic principles of composition. The course will emphasize computer-assisted instruction through the Learning Assistance Center.

ENGL 1301: COMPOSITION I (3:3-0)

The course consists of an intensive study of the principles of writing, analysis and discussion of expository selections, theme writing, collateral reading, and grammar. W, R

ENGL 1302: COMPOSITION II (3:3-0)

Emphasis is placed on the careful reading of, critical and analytical writing about, selected literary genre. Research writing is required. Prerequisite is 1301: Composition I or credit for English 1301 by examination. W, R

ENGL 2307: CREATIVE WRITING I (3:3-0)

This course offers an introduction to creative writing. It is designed to encourage students to express themselves in positive ways. The course will concentrate on writing short stories, poems, and short narratives. Prerequisite: ENGL 1301, W, R

ENGL 2308: CREATIVE WRITING II (3:3-0)

This course offers an opportunity to enhance creative writing skills. The course will focus on writing short stories, poems, and/or longer narratives. Submission procedures for publication will also be covered.

Prerequisite: ENGL 2307, R, W

ENGL 2311: TECHNICAL AND BUSINESS WRITING (3:3-0)

This course is designed for science, pre-engineering, computer-aided design, computer information systems, entertainment and business software development, child development, dental hygiene, nursing (ADN), general business and management students. The course covers the writing of letters, reports, memoranda, proposals, progress reports, and resumes. The course includes audience analysis and empirical research. The preparation and presentation of oral reports include PowerPoint and/or video presentations. The student will also use word-processing programs. Prerequisite: ENGL 1301 or consent of the instructor. R, W

ENGL 2322: BRITISH LITERATURE I (3:3-0)

This course is a survey of English Literature from the Old English Period through the Eighteenth Century. A study of prose and poetry, assigned reading, essays, and tests constitute the work of the course. Research writing is required. Prerequisite: ENGL 1302 or ENGL 2311. R

ENGL 2323: BRITISH LITERATURE II (3:3-0)

This course is a continuation of the study of English Literature from the Romantic Period through the Modern Period. A study of prose and poetry, assigned reading, essays, and tests constitute the work of the course. Research writing is required. Prerequisite: ENGL 1302 or ENGL 2311. R

ENGL 2327: AMERICAN LITERATURE I (3:3-0)

This course is a historical and critical study of the major poetry and prose writers from the Puritan Period to the Civil War. A study of prose and poetry, assigned reading, essays, and tests constitute the work of the course. Research writing is required. Prerequisite: ENGL 1302 or ENGL 2311. R

ENGL 2328: AMERICAN LITERATURE II (3:3-0)

This course, a continuation of the study of American Literature, is a historical and critical study of the major poetry and prose writers from the Reconstruction Period to the Present. A study of prose and poetry, assigned reading, essays, and tests constitute the work of the course. Prerequisite: ENGL 1302 or ENGL 2311. R

ENGL 2332: WORLD LITERATURE I (3:3-0)

A study of Western World Literature from the Classical Period to the Renaissance. Writing intensive. Prerequisite: ENGL 1302 or ENGL 2311. R

ENGL 2333: WORLD LITERATURE II (3:3-0)

A study of Western World Literature from the Neoclassical Period to the present. Writing intensive. Prerequisite: ENGL 1302 or ENGL 2311. R

• Engineering

ENGR 1201: INTRODUCTION TO ENGINEERING (2:2-0)

An introduction to engineering and its branches of specialization by examining current practices of the profession. Covers technical areas including computational methods and presentation of problem solutions with emphasis on the computer as an engineering tool. Introduction to MATLAB structured programming. Required for all engineering majors. Recommended for all mathematics and physical science majors. R, W, M

ENGR 1304: ENGINEERING GRAPHICS I (3:2-3)

Study of the basic skills necessary for CAD drawings, including solid modeling. Prerequisite: MATH 1316 and MATH 1348, or MATH 2412; or corequisite: MATH 1348 or MATH 2412 or permission of the instructor. Lab fee \$24. R, W

ENGR 2301: ENGINEERING MECHANICS I - STATICS (3:3-0)

A comprehensive study of the engineering methods and applications of equilibrium, including free-body diagrams, force systems, trusses, beams, cables, friction, distributed loads, centroids, and moment of inertia. Vector algebra and calculus are used. Offered when sufficient demand exists. Prerequisites: PHYS 2425 and corequisite MATH 2414. R, W

ENGR 2302: ENGINEERING MECHANICS II - DYNAMICS (3:3-0)

A study of kinematics and dynamics, including work-energy and impulse-momentum methods, applied to engineering problems involving particles and rigid bodies. Vector algebra and calculus are used. Offered when sufficient demand exists. Prerequisites: ENGR 2301 and corequisite: MATH 2415. R, W

• Environmental Science

ENVR 1101: ENVIRONMENTAL SCIENCE LABORATORY I (1:0-2)

The laboratory will provide practical exposure to the methods of measurement, analysis and interpretation of environmental data. The student, in addition to doing lab experiments, will be involved in the collection of data from the environment and report preparation. Field trips may be required. Prerequisite: ENVR 1301 or corequisite ENVR 1301. Lab fee \$24. R

ENVR 1301: ENVIRONMENTAL SCIENCE I (3:3-0)

This is a one semester course designed for non-science majors, and others who desire a low mathematical view of environmental science. It is a general interest course requiring a minimum of previous science background. The course involves relating scientific knowledge to problems involving energy and the environment and addressing issues that range from local to global effects. Topics include energy resources, water, mineral resources, air and water pollutants, pesticides and other toxic chemicals, solid and hazardous wastes, crowding, land use and abuse, economic considerations and some governmental regulatory agencies. R

• Forensic Science

FORS 2440: INTRODUCTION TO FORENSIC SCIENCE (4:2-2)

Survey of the procedures of crime scene investigation in gathering evidence and applicable scientific technologies that follow established protocols by first responders; a preview of how criminalistics in forensic laboratories will process the gathered evidence presented. Lab fee \$24. R, W

FORS 2450: INTRODUCTION TO FORENSIC PSYCHOLOGY (4:3-1)

Survey of current perspectives and technologies in the analysis of criminal mind suggested by crime scene evidence; introduction applications of forensic psychology including the history and current practice of criminal profiling in the apprehension of serial killers as sexual predators. Lab fee \$24. Prerequisites: Psychology 2301, R, W

• French

FREN 1411: BEGINNING FRENCH I (4:3-2)

Students study the French language and culture. Emphasis is placed on grammar and speaking skills. This is a foundation course in which basic communication skills of the French language are developed. Language Lab will be a part of class instruction.

FREN 1412: BEGINNING FRENCH II (4:3-2)

A continuation of FREN 1411 with increasing emphasis on using French to give and receive non-memorized information. This course teaches the structural patterns necessary to convey messages. Prerequisite: FREN 1411.

FREN 2311: INTERMEDIATE FRENCH I: ORAL EXPRESSION, READING AND COMPOSITION (3:3-0)

An expansion of the study of structural patterns in French. The course will continue to provide information on the cultural and linguistic elements of French. Students will work on oral expression, reading, comprehension, and composition.

FREN 2312: INTERMEDIATE FRENCH II: ORAL EXPRESSION, READING AND COMPOSITION (3:3-0)

A continuation of the study of the French language. The course will continue to advance through the study of the cultural and linguistic elements of French. Students will work on oral expression, reading, comprehension, and composition. Prerequisite: FREN 2311 or equivalent.

• Geography

GEOG 1300: PRINCIPLES OF GEOGRAPHY (3:3-0)

The basic elements of cultural and physical geography. This will include maps, weather and climate, land forms, population, urban, nations, states, and other related topics.

GEOG 1301: PHYSICAL GEOGRAPHY (3:3-0)

A study of the earth as the habitat of man; an interpretative description of the earth in space; maps; weather and climate; spatial distribution of land forms, soils, water, minerals, plants and animals. Usually offered only in the spring semester.

GEOG 1302: CULTURAL GEOGRAPHY (3:3-0)

Introduction to the concepts which provide a foundation for continued study of geography. Includes the different elements of natural environment as related to human activities, modes of living and map concepts.

GEOG 1303: WORLD REGIONAL GEOGRAPHY (3:3-0)

A study of major world regions with emphasis on prevailing conditions and developments, including emerging conditions and trends, and the awareness of diversity of ideas and practices to be found in those regions. Course content may include one or more regions.

GEOG 2312: ECONOMIC GEOGRAPHY (3:3-0)

Analytical study of the historical development of particular economic distributions as they relate to social, cultural, political, and physical factors. Includes critical inquiry into the reasons for location of various types of economic activity, production, and marketing. (Also known as ECON 2311)

GEOG 2389: ACADEMIC COOPERATIVE (3:2-4)

An instructional program designed to integrate on-campus study with practical hands-on experience in geography. In conjunction with class seminars, the individual student will set specific goals and objectives in the study of human social behavior and/or social institutions. Lab Fee \$16.

• Geology

GEOL 1103: PHYSICAL GEOLOGY LABORATORY (1:0-3)

This course is designed to complement GEOL 1303. The laboratory includes investigation of current and past geologic events as well as identification of the different rock types. Laboratory examinations and experiments as well as computer modeling and simulations will be used. Some field trips may be required. Prerequisite: GEOL 1303 or corequisite: GEOL1303. Lab fee \$24. R, W

GEOL 1104: HISTORICAL GEOLOGY LABORATORY (1:0-3)

This course is designed to complement GEOL 1304. This course will present a study of the geologic history and evolution of the earth to the present. The course involves laboratory examinations and experiments, as well as, computer modeling and simulations. Some field trips may be required. Prerequisite: GEOL 1103 and GEOL 1304 or corequisite: GEOL 1304. Lab fee \$24. R, W

GEOL 1303: PHYSICAL GEOLOGY (3:3-0)

Principles of physical geology. This course studies the earth's composition, structure, and resources. Also examined are the internal and external processes that change and shape the planet we live on. R, W

GEOL 1304: HISTORICAL GEOLOGY (3:3-0)

This course will present a study of the geological history and evolution of the Earth. The course focuses on the relationship between geologic events throughout Earth's history and the evolution of its plants and animals.

Prerequisite: GEOL 1303, R, W

GEOL 1305: ENVIRONMENTAL GEOLOGY (3:3-0)

This course studies the earth as a habitat. The main focus is on the interrelationships between humans and the environment with emphasis placed on the geological aspect. Some topics to be included are water resources, mass wasting, geology and climate interactions, soil resources, mineral and energy resources, and pollution. Environmental law and land use planning may also be studied. Prerequisite: GEOL 1303. R, W

• Geographic Information Systems

GISC 1301: CARTOGRAPHY AND GEOGRAPHY IN GEOGRAPHICAL INFORMATION SYSTEMS (GIS) AND GLOBAL POSITIONING SYSTEM (GPS) (3:2-4)

Introduction to the principles of cartography and geography. Emphasis on global reference systems and the use of satellites for measurements and navigation. Lab fee \$24.

GISC 1311: INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS) (3:2-4)

Introduction to basic concepts of vector GIS using several industry specific software programs including nomenclature of cartography and geography. ArcGIS® software will be used. Lab fee \$24.

GISC 1321: INTRODUCTION TO RASTER-BASED GEOGRAPHIC INFORMATION SYSTEMS (GIS) (3:2-4)

Instruction in GIS data sets including raster-based information such as images or photographs, acquisitions of such data, and processing and merging with vector data. Lab fee \$24.

GISC 1391: SPECIAL TOPICS IN CARTOGRAPHY (3:2-4)

Topics address recently identified current events, skills, knowledge's, and/or attitudes and behaviors pertinent to the technology or occupation and relative to the professional development of the student. Lab fee \$24.

GISC 2301: DATA ACQUISITION & ANALYSIS IN GEOGRAPHIC INFORMATION SYSTEMS (GIS) (3:2-4)

Study of the management of geographic information, system life cycles, and costs and benefits.

Includes institutional issues such as data providers, data management, combination of attribute and graphical data, information storage and access, Texas and national standards for spatial data; and applications of GIS for data modeling and analysis. Lab fee \$24. Prerequisite: GISC 1301, GISC 1311, or instructor's approval.

GISC 2311: GEOGRAPHIC INFORMATION SYSTEMS (GIS) APPLICATIONS (3:2-3)

Application of GIS technology to real workplace applications from public and private sector. Completion of Global Positioning Systems (GPS) fieldwork required for lab exercises. Lab fee \$24. Prerequisite: GISC 1301, GISC 1311, or instructor's approval.

GISC 2320: INTERMEDIATE GEOGRAPHIC INFORMATION SYSTEMS (GIS) (3:2-4)

This course focuses on the study of spatial data structures and the display, manipulation, and analysis of geographic information. Students will study the technical aspects involved in spatial data handling, analysis and modeling.

Instruction will include theories and procedures associated with the implementation and management of GIS projects. A variety of GIS software packages will be used in the laboratory. Lab fee \$24. Prerequisite: GISC 1301, GISC 1311, or instructor's approval.

GISC 2380: COOPERATIVE EDUCATION – CARTOGRAPHY (3:1-20)

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component. Prerequisite: GISC 1301, GISC 1311, or instructor's approval.

• Government

GOVT 2301: AMERICAN GOVERNMENT I (3:3-0)

This course surveys the origin and development of the U.S. and Texas Constitutions, federalism, interstate relations, political parties, interest groups, political campaigns, and elections. Meets Texas teacher certification requirement.

GOVT 2301 and GOVT 2302 are separate courses and neither is prerequisite for the other. Either may be taken first or both may be taken in the same semester. R, W

GOVT 2302: AMERICAN GOVERNMENT II (3:3-0)

Primary emphasis is on the legislative, executive, and judicial systems of local, state, and federal governments as established in the Texas and U.S. Constitutions. Included are the bureaucracy and selected problems in making public policy. Meets Texas teacher certification requirement. GOVT 2301 and GOVT 2302 are separate courses and neither is prerequisite for the other. Either may be taken first, or both may be taken in the same semester. R, W

GOVT 2304: INTRODUCTION TO POLITICAL SCIENCE (3:3-0)

A survey of the development, philosophies, and methodologies of the political discipline. Topics covered will include: theory and theory building, research techniques and sources, constitutional law, comparative government, international relationships, political socialization, political behavior, public administration, and political philosophy.

This course will not satisfy the Government class requirement for graduation. It is highly recommended for potential government and social science majors. R, W, M-College Algebra

• Health Information/Medical Records Technology/Technician

HITT1305: MEDICAL TERMINOLOGY I (3:3-0)

Study of word origin and structure through the introduction of prefixes, suffixes, root words, plurals, abbreviations and symbols, surgical procedures, medical specialties, and diagnostic procedures.

• Health Professions

This course is an overview of the roles of various members of the health care system, educational requirements, employment opportunities and issues affecting the delivery of health care. This course is intended for individuals who are either entering the health care field for the first time, already in the workforce but are transitioning into the health field, and those who are moving into Health Care Administration. It is being offered as an Internet course.

HPRS 1201: INTRODUCTION TO HEALTH PROFESSIONS (2:2 – 0)

A discussion of the roles of various health care professionals in the current health care delivery system; an outline of the educational background methods of credentialing and licensing requirements of health care professions on a state and national level; identify legal and ethical issues affecting the practice of health care professionals; define professionalism and the rights and responsibilities of being a health care professional.

• History

HIST 1301: UNITED STATES HISTORY I (3:3-0)

A general survey of the United States from the period of discovery through the Reconstruction. Requirement for Associate in Arts Degree and teacher certification. R,W.

HIST 1302: UNITED STATES HISTORY II (3:3-0)

A continuation of History 1301. The history of the United States since the Reconstruction to the present time. Requirement for Associate in Arts Degree and teacher certification. R,W.

HIST 2301: TEXAS HISTORY (3:3-0)

This course gives a rapid survey of the history of Texas. Topics stressed include: European approach to Texas, Spanish and French rivalry, exploration and settlement by the Spanish, the coming of the Anglo-Americans, relations with Mexico, Texas Revolution, Republic, annexation, statehood, reconstruction, recovery and development with special emphasis on Texas in the 20th Century. R, W

HIST 2311: WESTERN CIVILIZATION I (3:3-0)

A general survey of western civilization from prehistoric times to 1600. R, W

HIST 2312: WESTERN CIVILIZATION II (3:3-0)

A general survey of western civilization from 1600 to the present. R, W

• Homeland Security

HMSY 1337: INTRODUCTION TO HOMELAND SECURITY (3:3-0)

Overview of homeland security. Evaluation of the progression of homeland security issues throughout Texas and the United States. An examination of the roles undertaken and methods used by governmental agencies and individuals to respond to those issues.

HMSY 1339: HOMELAND SECURITY EMERGENCY CONTINGENCY PLANNING (3:2-2)

Procedures for developing implementing, and updating an Emergency Contingency Plan that outlines public agencies and private industry responses, recovery, and mitigation. Includes types of aid available to individuals and communities after a disaster. Also covers interagency and intergovernmental emergency preparedness, planning, training, and exercises are included. Lab fee \$24.

• Human Resources

HRPO 1311: HUMAN RELATIONS (3:3-0)

Practical application of the principles and concepts of the behavioral sciences to interpersonal relationships in the business and industrial environment.

HRPO 2301: HUMAN RESOURCES MANAGEMENT (3:3-0)

Behavioral and legal approaches to the management of human resources in organizations.

HRPO 2307: ORGANIZATIONAL BEHAVIOR (3:3-0)

The analysis and application of organizational theory, group dynamics, motivation theory, leadership concepts, and the integration of interdisciplinary concepts from the behavioral sciences.

• Humanities

HUMA 1301: INTRODUCTION TO THE HUMANITIES I (3:3-0)

An exploration of human values significant to western civilization, incorporating influences of Asian and African cultures through great works of philosophy, architecture, literature, music and the visual arts from prehistory to the twentieth century. Interdisciplinary, multi-perspective assessment of factors critical to the formulation of values of the individual and society. R, W

HUMA 1302: INTRODUCTION TO THE HUMANITIES II (3:3-0)

A continuation of HUMA 1301 focusing on the students' directed studies of two or more cultural systems through the application of principles and skills found in the several humanities disciplines. Emphasis will be placed on the diversity of ethnic and national cultures represented in America today. R, W

• Information Technology

IMED 1316: WEB DESIGN I (3:2-2)

Instruction in web page design and related graphic design issues including mark-up languages, web sites, and browsers. Lab fee \$24.

IMED 2309: INTERNET COMMERCE (3:3-1)

An overview of the Internet as a marketing and sales tool with emphasis on developing a prototype for electronic commerce. Topics include dynamic data integration, data collection, and on-line transactions. This course is offered in the spring semester. Lab fee \$24. Prerequisite: IMED 2315.

IMED 2311: PORTFOLIO DEVELOPMENT (3:2-2)

Preparation and enhancement of portfolio to meet professional standards, development of presentation skills, and improvement of job-seeking techniques. This course is offered in the spring semester. Lab fee \$24.

IMED 2315: WEB DESIGN II (3:2-2)

A study of mark-up language advanced layout techniques for creating web pages. Emphasis on identifying the target audience and producing web sites according to accessibility standards, cultural appearance, and legal issues. Lab fee \$24. Prerequisite: IMED 1316.

IMED 2359: INTERACTIVE WEB ELEMENTS (3:2-2)

Production of projects using current web development tools that may incorporate dynamic data, web graphics, animation, video and audio streaming. Lab fee \$24.

INEW 2338: ADVANCED JAVA PROGRAMMING (3:2-2)

A continuation of Java programming techniques such as servlets, and advanced graphical functions. Lab fee \$24. Prerequisite: ITSE 2417.

ITNW 1325: FUNDAMENTALS OF NETWORKING TECHNOLOGIES (3:3-1)

Instruction in networking technologies and their implementation. Topics include the OSI reference model, network protocols, transmission media, and networking hardware and software. Lab fee \$24.

ITNW 1454: IMPLEMENTING AND SUPPORTING SERVERS (4:3-2)

Implement, administer, and troubleshoot information systems that incorporate servers in a networked computing environment. Lab fee \$24.

ITNW 1458: NETWORK + (4:3-2)

Assist individuals in preparing for the Computing Technology Industry Association (CompTIA) Network + certification exam and career as a network professional. This course is offered in the spring semester. Lab fee \$24

ITNW 2405: NETWORK ADMINISTRATION (4:3-2)

Topics include network components, user accounts, and groups, network file systems, file system security, and network printing. Lab fee \$24.

ITNW 2413: NETWORKING HARDWARE (4:3-2)

Maintain network hardware devices. Topics include network cables, servers, and workstations; network connectivity devices such as routers, hubs, bridges, gateways, repeaters, and uninterruptible power supplies; and other networking hardware devices. Lab fee \$24.

ITNW 2453: ADVANCED ROUTING AND SWITCHING (4:3-2)

Implementation, operation, and troubleshooting of switched and routed environments. Emphasizes advanced routing protocols, Multi Protocol Label Switching (MPLS), and advanced security. This course is offered in the spring semester. Lab fee \$24. Prerequisite: ITNW 2413 or consent of instructor.

ITSC 1301: INTRODUCTION TO COMPUTERS: (3:3-1)

Overview of computer information systems. Introduces computer hardware, software, procedures, and human resources. Lab fee \$24.

ITSC 1305: INTRODUCTION TO PC OPERATING SYSTEMS: (3:2-2)

Introduction to personal computer operating systems including installation, configuration, file management, memory and storage management, control of peripheral devices, and use of utilities. Lab fee \$24. Prerequisite: Student must be comfortable with Windows or ITSC 1301.

ITSC 1307: UNIX OPERATING SYSTEM I: (3:2-2)

Introduction to the UNIX operating system including multi-user concepts, terminal emulation, use of system editor, basic UNIX commands, and writing script files. Includes introductory systems management concepts. Lab fee \$24.

ITSC 1309: INTEGRATED SOFTWARE APPLICATIONS I: (3:2-2)

Introduction to business productivity software suites using word processing, spreadsheets, databases, and/or presentation software. Lab fee \$24.

ITSC 1315: PROJECT MANAGEMENT SOFTWARE: (3:2-2)

Use of project management software for developing a project plan including timelines, milestones, scheduling, life cycle phases, management frameworks, skills, processes, and tools. Lab fee \$24.

ITSC 2486: INTERNSHIP - COMPUTER AND INFORMATION SCIENCES, GENERAL: (4:0-20)

A work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. A learning plan is developed by the college and the employer. This may be a paid or unpaid experience. Prerequisite: 24 credit hours of CIS classes. To be taken last semester of degree plan or with prior approval of instructor. This course is offered in the fall and spring semester.

ITSE 1294: SPECIAL TOPICS IN COMPUTER SCIENCE: INFORMATION TECHNOLOGY IN HEALTH CARE OCCUPATIONS: (2:1-2)

The student will describe the purpose and value of information technology in a health care setting; demonstrate ability to successfully complete computerized tasks using software available; describe various uses of computers and information technology in health care. (This course is for students whose major is in health occupations.) Lab fee \$24.

ITSE 1311: BEGINNING WEB PROGRAMMING: (3:2-2)

Skill development in web page programming including mark-up and scripting languages. May include use of XHTML, CGI, JavaScript, and/or ASP. Introduction to structure and object oriented programming design. Lab fee \$24.

ITSE 1329: PROGRAMMING LOGIC AND DESIGN: (3:3-0)

Problem-solving applying structured techniques and representation of algorithms using design tools. Includes testing, evaluation, and documentation.

ITSE 1331: INTRODUCTION TO VISUAL BASIC PROGRAMMING: (3:2-2)

Introduction to computer programming using Visual BASIC. Emphasizes the fundamentals of structured design, development, testing, implementation, and documentation. Includes language syntax, data and file structures, input/output devices, and files. This course is offered in the spring semester. Lab fee \$24.

ITSE 1350: SYSTEM ANALYSIS AND DESIGN: (3:3-1)

Introduction to the planning, design, and construction of computer information systems using the system development life cycle and other appropriate design tools. This course is offered Fall semester only. Lab fee \$24.

ITSE 1356: EXTENSIBLE MARKUP LANGUAGE (XML) (3:2-2)

Introduction of skills and practices related to the Extensible Markup Language (XML). Includes Document Type Definition (DTD), well-informed and valid XML documents, XML schemes, and Extensible Style Language (XSL). Lab fee \$24

ITSE 1402: COMPUTER PROGRAMMING (4:3-2)

Introduction to computer programming including design, development, testing, implementation, and documentation. This course is offered in the spring semester. Lab fee \$24

ITSE 1407: INTRODUCTION TO C++ PROGRAMMING: (4:3-2)

Introduction to computer programming using C++. Emphasis on the fundamentals of object oriented design with development, testing, implementation, and documentation. Includes language syntax, data and file structures, input/output devices, and files. This course is offered in the spring semester. Lab fee \$24.

ITSE 2417: JAVA PROGRAMMING: (4:3-2)

Introduction to object-oriented JAVA programming including the fundamental syntax and semantics of JAVA for applications and web applets. This course is offered in the summer semester. Lab fee \$24.

ITSE 2431: ADVANCED C++ PROGRAMMING: (4:3-2)

Further application of C++ programming techniques including file access, abstract data structures, class inheritance, and other advanced techniques. This course is offered in the fall semester and should be taken in the student's second year. Lab fee \$24.

ITSE 2449: ADVANCED VISUAL BASIC PROGRAMMING: (4:3-2)

Advanced Visual BASIC programming including file access methods, data structures, modular programming, program testing and documentation. Lab fee \$24.

ITSE 2457: ADVANCED OBJECT-ORIENTED PROGRAMMING: (4:3-2)

Application of advanced object-oriented programming techniques such as abstract data structures, class inheritance, polymorphism, and exception handling. This course is offered in the spring semester and should be taken in the student's second year. Lab fee \$24.

ITSW 1301: INTRODUCTION TO WORD PROCESSING (3:2-2)

An overview of the production of documents, tables, and graphics. This course is offered in the spring semester. Lab fee \$24.

ITSW 1304: INTRODUCTION TO SPREADSHEETS: (3:2-2)

Instruction in the concepts, procedures, and application of electronic spreadsheets. This course is offered in the spring semester. Lab fee \$24.

ITSW 1307: INTRODUCTION TO DATABASE: (3:2-2)

Introduction to database theory and the practical applications of a database. This course is offered in the fall semester. Lab fee \$24.

ITSW 1310: INTRODUCTION TO PRESENTATION GRAPHICS SOFTWARE: (3:2-2)

Instruction in the utilization of presentation software to produce multimedia presentations. Graphics, text, sound, animation and/or video may be used in presentation development. Lab fee \$24.

ITSW 2337: ADVANCED DATABASE: (3:2-2)

Advanced concepts of database design and functionality. This course is offered in the fall semester. Lab fee \$24.

ITSY 1342: INFORMATION TECHNOLOGY SECURITY (3:2-2)

Instruction in security for network hardware, software, and data, including physical security; backup procedures; relevant tools; encryption; and protection from viruses. Lab fee \$24.

ITSY 2301: FIREWALLS AND NETWORK SECURITY (3:2-2)

Identify elements of firewall design, types of security threats and responses to security attacks. Use Best Practices to design, implement, and monitor a network security plan. Examine security incident postmortem reporting and ongoing network security activities. This course is offered in the spring semester. Lab fee \$24. Prerequisite: ITNW 2413 or consent of instructor.

ITSY 2400: OPERATING SYSTEM SECURITY (4:3-2)

Safeguard computer operating systems by demonstrating server support skills and designing and implementing a security system. Identify security threats and monitor network security implementations. Use best practices to configure operating systems to industry security standards. Lab fee \$24.

ITSY 2441: SECURITY MANAGEMENT PRACTICES (4:3-2)

In-depth coverage of security management practices, including asset evaluation and risk management; cyber law and ethics issues; policies and procedures; business recovery and business continuity planning; network security design; and developing and maintaining a security plan. Lab fee \$24.

• Marketing

MRKG 1302: PRINCIPLES OF RETAILING (3:3-0)

Introduction to the retailing environment, types of retailers, current trends, the employment of retailing techniques, and factors that influence retailing.

MRKG 1311: PRINCIPLES OF MARKETING (3:3-0)

Introduction to the marketing mix functions and process. Includes identification of consumer and organizational needs and; explanation of environmental issues.

MRKG 1313: PUBLIC RELATIONS (3:3-0)

Exploration of theories, techniques, and processes of public relations (PR). Includes methods of building good will, analysis of media, obtaining publicity, and implementation of PR programs.

MRKG 2349: ADVERTISING AND SALES PROMOTION (3:3-0)

Integrated marketing communications. Includes advertising principles and practices. Emphasizes multi-media of persuasive communication including buyer behavior, budgeting, and regulatory constraints.

• Mathematics

Any student enrolled in a mathematics course at Temple College will be eligible to attend a mathematics lab. The main campus lab will be open at least 20 hours each week and will be staffed by the lab director, regular math faculty members and peer tutors. Labs in Taylor and Cameron will be open a limited number of hours as posted at those facilities.

While every effort has been made to align our pre-requisites with the majority of major receiving institutions, it is ultimately the learner's responsibility to be aware of his/her institution's particular pre-requisites.

MyMathLab is used in most classes.

MATH 0310: PRE-ALGEBRA I (3:3-0)

This is a pre-algebra course. It covers fractions, decimals, ratio and proportion, percent, geometric facts, statistical graphs, signed numbers, and a brief introduction to linear equations. Lab required. This course uses MyMathLab. This course is not for college level credit. Lab fee \$15.

MATH 0330: INTRODUCTION TO ALGEBRA I (3:3-0)

This course covers topics from the first year of algebra: operations with signed numbers, solving linear equations, graphing lines, exponent rules, operations with polynomials, factoring, solving linear systems, and an introduction to solving quadratic equations. Lab required. This course uses MyMathLab. Prerequisite: A grade of C or above in MATH 0310 or an adequate placement test score, specifically, ASSET EA score of 30 or COMPASS score of 23 or ACCUPLACER score of 42 or THEA score of 206. This course is not for college level credit. Lab fee \$15.

MATH 0350: INTERMEDIATE ALGEBRA (3:3-0)

This course prepares students for Math 1314 and Math 1324. This course covers topics from the second year of algebra: exponent rules, fractional exponents, operations with polynomials, factoring, operations with rational expressions, operations with radicals, solving linear and quadratic equations and inequalities, graphing lines and parabolas, graphing linear inequalities, and solving systems of linear equations and inequalities. This course may also introduce students to conics and functions including exponential and logarithmic functions. Students may be required to use a calculator. This course uses MyMathLab. Prerequisite: A grade of C or above in MATH 0330 or A SET EA score of 38 or COMPASS score of 39 or ACCUPLACER score of 63 or THEA-Math score of 230. This course is not for college level credit. Lab fee \$15.

MATH 1314: COLLEGE ALGEBRA (3:3-0)

This course explores the properties of several common types of functions along with their graphs. Functions include polynomial, rational, exponential, logarithmic, and inverses. This course covers methods of solving systems of equations, linear programming, and matrices. Students may be required to use a graphing calculator. This course uses MyMathLab. Prerequisite: MATH 0350 or THEA score of 270 or ACCUPLACER score of 95 or ASSET IA score of 43 or COMPASS score of 76 or Texas Success Initiative exempt (ACT, SAT, TAKS). Lab fee \$15.

MATH 1316: PLANE TRIGONOMETRY (3:3-0)

This course consists of a study of trigonometric functions, trigonometric identities, radian and degree measure, graphs of trigonometric functions, trigonometric equations, solutions of triangles, inverse trigonometric functions, and vectors. Students will be required to use a calculator. Prerequisite: MATH 1314 or THEA-Math score of 270 or ACCUPLACER score of 95 or ASSET IA score of 43 or COMPASS score of 76 or Texas Success Initiative exempt (ACT, SAT, TAKS). Lab fee \$15.

MATH 1324: MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCE I (3:3-0)

This course covers linear and quadratic functions and their graphs, matrices, linear programming, compound interest,

systems of linear equations, probability and descriptive statistics, as well as applications to management, economics, and business. Students will be required to use a calculator. Prerequisite MATH 0350 or THEA-Math score of 270 or ACCUPLACER score of 95 or ASSET IA score of 43 or COMPASS score of 76. Lab fee \$15.

MATH 1325: MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCE II (3:3-0)

This course includes topics in functions and relations, limits and continuity, derivatives and differentiation, maxima and minima, anti-derivatives, summations and integration, and applications of polynomial and transcendental calculus to management, economics, and business, including functions of two variables. Students will be required to use a calculator. Prerequisite: MATH 1324 or MATH 1314. (MATH 1314 is acceptable, but not preferable.) Lab fee \$15.

MATH 1332: CONTEMPORARY MATHEMATICS I (3:3-0)

This course consists of a study of linear and exponential growth, descriptive statistics, personal finance, relations, functions, and other applications of simple modeling. It emphasizes using critical thinking to make decisions based on information. Some sections will be designated as technical sections and place emphasis on technology applications. Students may be required to use a calculator. This course uses MyMathLab. Prerequisite: MATH 0350 or a score of 270 on THEA-Math test or ACCUPLACER score of 95 or ASSET IA score of 43 or COMPASS score of 76 or Texas Success Initiative exempt (ACT, SAT, TAKS). Lab fee \$15.

MATH 1333: CONTEMPORARY MATHEMATICS II (3:3-0)

This course is a continuation of MATH 1332. Topics may include geometry, right triangle trigonometry, and sampling theory. The emphasis will be on mathematically based critical thinking. Students may be required to use a calculator. This course uses MyMathLab. Prerequisite: MATH 0350 or a score of 270 on THEA-Math test or ACCUPLACER score of 95 or ASSET IA score of 43 or COMPASS score of 76 or Texas Success Initiative exempt (ACT, SAT, TAKS). Lab fee \$15.

MATH 1342: ELEMENTARY STATISTICAL METHODS (3:3-0)

This course includes topics from probability and statistics. Emphasis is on the use of various distributions, measurements, sampling methods, hypothesis testing, and written analysis of results. Regression analysis is included. Students will be required to use a calculator and/or a computer. This course uses MyMathLab. Prerequisite: MATH 0350 with a "C" or better or THEA score of 270 or ACCUPLACER score of 95 or ASSET IA score of 43 or COMPASS score of 76 or Texas Success Initiative exempt (ACT, SAT, TAKS). \$15 Lab Fee

MATH 1348: ANALYTIC GEOMETRY (3:3-0)

This course includes the study of Cartesian and polar coordinates, graphs of functions and relations, algebraic solutions of systems of relations and functions, parametric equations, vectors and direction cosines. Vector concepts are an integral part of this course. Students may be required to use a calculator. Prerequisite: MATH 1314 and MATH 1316. Lab fee \$15.

MATH 1350: FUNDAMENTALS OF MATHEMATICS I (3:3-0)

Concepts of sets, functions, numeration systems, number theory, and properties of the natural numbers, integers, rational and real number systems with an emphasis on problem solving and critical thinking. Prerequisite: MATH 1314. Lab fee \$15.

MATH 1351: FUNDAMENTALS OF MATHEMATICS II (3:3-0)

Concepts of geometry, probability, and statistics, as well as applications of the algebraic properties of real numbers to concepts of measurement with an emphasis on problem solving and critical thinking. Prerequisite: MATH 1350 or MATH 1314. Lab fee \$15.

MATH 2305: DISCRETE MATHEMATICS (3:3-0)

This course includes topics in mathematical logic and induction, relations and functions, basic counting techniques, graphs and trees, and applications to computing devices. Students may be required to use a calculator. Prerequisite: MATH 2412.

MATH 2318: LINEAR ALGEBRA (3:3-0)

This course includes the study of finite dimensional vector spaces, linear transformations and matrices, quadratic forms, and eigenvalues and eigenvectors. Students may be required to use a calculator. Prerequisite: MATH 2413.

MATH 2320: DIFFERENTIAL EQUATIONS (3:3-0)

Differential equations of first, second, and higher order, solution in series, applications, and Laplace transformations. Students may be required to use a calculator. Prerequisite: At least six semester hours of calculus.

MATH 2412: PRE-CALCULUS MATH (4:4-0)

This course includes an integrated treatment necessary for calculus. Topics include trigonometric functions, trigonometric identities, radian and degree measure, graphs of trigonometric functions, trigonometric equations, solutions of triangles, inverse trigonometric functions, vectors (parametric and polar representations are included), conic sections, sequences and series, and mathematical induction. Students may be required to use a calculator. This course uses MyMathLab. Prerequisite: MATH 1314 or permission of the department chair.

MATH 2413: CALCULUS I (4:4-0)

This course includes limits and continuity, differentiation of algebraic functions, various applications of the derivatives, maxima and minima, differentials and anti-differentiation, mean value theorem for derivatives, integration, the definite integral, differentiation and integration of transcendental functions, and L' Hospital's rule. Students may be required to use a calculator. Prerequisite: MATH 2412 or MATH 1348 or permission of the department chair. (MATH 1348 and MATH 2413 may be taken simultaneously.)

MATH 2414: CALCULUS II (4:4-0)

This course covers formal integration by various techniques, calculus of polar and parametric forms, Taylor polynomials, sequences and series, power series, and applications of the definite integral. Students may be required to use a calculator. Prerequisite: MATH 2413.

MATH 2415: CALCULUS III (4:4-0)

This course involves multivariable calculus with applications, including vectors and vector-valued functions, partial differentiation, Lagrange multipliers, multiple integrals, and Jacobians; application of the line integral, including Green's Theorem, the Divergence Theorem, and Stokes' Theorem.. Students may be required to use a calculator. Prerequisite: MATH 2414.

• *Music**Applied Music*

Class or private study is available to all students of the College on both beginning and advanced levels of instruction. Lessons are offered in brass, guitar, organ, percussion, piano, strings, voice, and woodwinds.

Detailed requirements in the technique and repertoire for each of the course numbers may be obtained from the Fine Arts Division Office or the applied instructors.

Students who register for private instruction in voice, piano, or instruments must understand that all private instruction is scheduled TBA ("to be arranged"), meaning that the day and time for lesson(s) each week is "to be arranged" with the teacher of that applied area. Consequently, the student must contact the teacher to arrange his lesson time(s) during the first week of the semester. Class instruction is scheduled in regular class periods.

All music majors are required to take two-hours credit in their principal instrument. Music minors are required to take one-hour credit in their principal instrument. No student is allowed to take more than four hours of applied music in any one semester. The organizational structure of the applied music division allows the student to receive instruction and progress on a level that is consistent with their musical goals. Specifically, non-music majors will be allowed to progress under less rigid standards than music majors.

*Private Instruction***VOICE - R**

MUAP: 1181, 1182, 2181, 2182 (1:0.5/0)

MUAP: 1281, 1282, 2281, 2282 (2: 1/0)

PERCUSSION

MUAP: 1157, 1158, 2157, 2158 (1:0.5/0)

MUAP: 1257, 1258, 2257, 2258 (2: 1/0)

PIANO

MUAP: 1169, 1170, 2169, 2170 (1:0.5/0)

MUAP: 1269, 1270, 2269, 2270 (2:1/0)

JAZZ PIANO

MUAP: 1171, 1172, 2171, 2172 (1:0.5/0)

MUAP: 1271, 1272, 2271, 2272 (2:1/0)

BRASS**TRUMPET**

MUAP: 1137, 1138, 2137, 2138 (1:0.5/0)

MUAP: 1237, 1238, 2237, 2238 (2: 1/0)

FRENCH HORN

MUAP: 1141, 1142, 2141, 2142 (1:0.5/0)

MUAP: 1241, 1242, 2241, 2242 (2: 1/0)

TROMBONE

MUAP: 1145, 1146, 2145, 2146 (1:0.5/0)

MUAP: 1245, 1246, 2245, 2246 (2: 1/0)

BARITONE/TUBA

MUAP: 1149, 1150, 2149, 2150 (1:0.5/0)

MUAP: 1249, 1250, 2249, 2250 (2: 1/0)

WOODWINDS**FLUTE**

MUAP: 1117, 1118, 2117, 2118 (1:0.5/0)

MUAP: 1217, 1218, 2217, 2218 (2: 1/0)

OBOE

MUAP: 1121, 1122, 2121, 2122 (1:0.5/0)

MUAP: 1221, 1222, 2221, 2222 (2: 1/0)

CLARINET

MUAP: 1129, 1130, 2129, 2130 (1:0.5/0)

MUAP: 1229, 1230, 2229, 2230 (2: 1/0)

SAXOPHONE

MUAP: 1133, 1134, 2133, 2134 (1:0.5/0)

MUAP: 1233, 1234, 2233, 2234 (2: 1/0)

BASSOON

MUAP: 1125, 1126, 2125, 2126 (1:0.5/0)

MUAP: 1225, 1226, 2225, 2226 (2: 1/0)

STRINGS**VIOLIN**

MUAP: 1101, 1102, 2101, 2102 (1:0.5/0)

MUAP: 1201, 1202, 2201, 2202 (2: 1/0)

VIOLA

MUAP: 1105, 1106, 2105, 2106 (1:0.5/0)

MUAP: 1205, 1206, 2205, 2206 (2: /0)

CELLO

MUAP: 1109, 1110, 2109, 2110 (1:0.5/0)

MUAP: 1209, 1210, 2209, 2210 (2: 1 /0)

BASS

MUAP: 1113, 1114, 2113, 2114 (1:0.5/0)
 MUAP: 1213, 1214, 2213, 2214 (2: 1/0)

BASS-ELECTRIC

MUAP: 1115, 1116, 2115, 2116 (1:0.5/0)
 MUAP: 1215, 1216, 2215, 2216 (2: 1/0)

GUITAR-CLASSICAL

MUAP: 1161, 1162, 2161, 2162 (1:0.5/0)
 MUAP: 1261, 1262, 2261, 2262 (2: 1/0)

GUITAR-ELECTRIC

MUAP: 1187, 1188, 2187, 2188 (1:05/0)
 MUAP: 1287, 1288, 2287, 2288 (2: 1/0)

Ensembles

All ensembles are open to all students regardless of major. Performing ensembles serve three distinct purposes: (1) they provide music majors with the ensemble participation necessary for successful completion of their music degree; (2) they provide those not majoring in music an enjoyable outlet, the experience of self-expression, and the social development that results from participation in a group activity; (3) they serve as valuable public relations agents for the College, and for this reason, students have the opportunity to travel and perform at a variety of functions. A great way to get involved at Temple College is to become a member of one of the performing ensembles.

All music majors and minors are required to participate in a minimum of one major ensemble during each semester they are in residence.

All ensembles may be repeated for credit. Maximum of 8 credits each.

Vocal Ensemble

MUEN 1141-1001: SHOW CHOIR "VOCAL POINT" (1:0-5)

Open to any student by audition only. Rehearsal and performance of popular songs and music of the Broadway stage. Extensive performance opportunities including song and dance combinations. Maximum of 8 credits.

MUEN 1141-1002: ADULT SHOW CHOIR (1:0-5)

Open to any adult by audition only. Rehearsal and performance of popular songs and music of the Broadway stage. Extensive performance opportunities including song and dance combinations. Maximum of 8 credits.

MUEN 1142: CHORALE (1:0-5)

Open to any student by audition only. Designed to give participants a more challenging, stylized choral experience. Performs a wide variety of literature (including instrumental-choral), emphasizing the more difficult choral works. Presents concerts on campus and at various functions in the area. Maximum of 8 credits.

MUEN 1143: SWING CHOIR (1:0-5)

Open to any student by audition only. Rehearsal and performance of vocal swing/jazz including music from the 1930's through present. Will perform on and off campus. Maximum of 8 credits.

Instrumental Ensembles

MUEN 1121: SYMPHONIC BAND (1:0-5)

Open to any instrumentalist by audition only. Performs a wide range of literature from popular selections to the more advanced works for wind ensemble. Presents concerts on campus and at various functions in the area. Maximum of 8 credits.

MUEN 1122: JAZZ ORCHESTRA (1:0-5)

Open to any instrumentalist by audition only. Offers students an intensive study and experience with jazz and other big band literature. Travels in the Central Texas area presenting concerts at high schools, civic functions, etc. Maximum of 8 credits.

MUEN 1123: ORCHESTRA (1:0-5)

Open to any instrumentalist by audition only. Gives players the opportunity to perform in a large orchestral ensemble. Performs in a wide variety of music from standard orchestral literature. Presents concerts on the TC campus. Maximum of 8 credits.

MUEN 1124: JAZZ ENSEMBLE (1:0-5)

Open to any instrumentalist by audition only. Offers students experience in big band styles and jazz improvisation. Presents concerts on campus and throughout the community. Maximum of 8 credits.

MUEN 1131: CHAMBER ENSEMBLE (MIXED) (1:0-2)

Rehearsal and performance of chamber music literature for small groups, including strings, woodwinds, brass, piano, and voice. Will perform on and off campus. Maximum of 8 credits.

MUEN 1132: CHAMBER ENSEMBLE (PIANO) (1:0-2)

Required for all piano majors or piano emphasis students. A study of piano technique and literature with a participation in ensemble performances. Maximum of 8 credits.

MUEN 1133: CHAMBER ENSEMBLE (STRING) (1:0-2)

Open to any string player. No audition required. Gives string players experience in playing chamber orchestra literature. Presents concerts on campus and accompanies other campus ensembles in major musical works. Maximum of 8 credits.

MUEN 1134: CHAMBER ENSEMBLE (WOODWIND) (1:0-2)

Rehearsal and performance of chamber music for woodwinds, with emphasis on the development of the literature from 1700 to the present. Maximum of 8 credits.

MUEN 1135: CHAMBER ENSEMBLE (BRASS) (1:0-2)

Rehearsal and performance of chamber music for brass instruments, with attention focused on the development of the literature from 1550 to the present. Maximum of 8 credits.

MUEN 1136: CHAMBER ENSEMBLE (PERCUSSION) (1:0-2)

Rehearsal and performance of chamber music for percussion, with emphasis on Twentieth Century literature. Maximum of 8 credits.

MUEN 1137: CHAMBER ENSEMBLE (LOW BRASS) (1:0-2)

Rehearsal and performance of chamber music for low brass instruments. Maximum of 8 credits.

MUEN 1138: CHAMBER ENSEMBLE (FLUTE) (1:0-2)

Open to any student by audition only. Rehearsal and performance of chamber music for flute. Maximum of 8 credits.

MUEN 1139: CHAMBER ENSEMBLE (GUITAR) (1:0-2)

Offers the guitarist the opportunity to rehearse and perform with other guitarists. This ensemble presents concerts throughout the school year on and off the TC campus. For beginners to advanced players. Maximum of 8 credits.

MUEN 1140: JAZZ COMBO (1:0-2)

The jazz combo is a small select instrumental group that performs compositions from a variety of jazz styles such as samba, bossa nova, swing, bebop, and fusion. Students will also study the historical development of jazz and the fundamentals of improvisation, interpretation, and performance of jazz. Maximum of 8 credits.

MUEN 2131: COLLEGIUM MUSICUM (1:0-2)

Collegium Musicum is a chamber ensemble devoted to the rehearsal and performance of early music with emphasis on historical accuracy of style, instruments, and other musical considerations. The ensemble concentrates on western art music of the Middle Ages, Renaissance, and Baroque eras, although art music of other regions and folk music may also be included. Maximum of 8 credits.

Music

MUSI 1116: ELEMENTARY SIGHT SINGING AND EAR TRAINING I (1:1-2)

Aural training in the recognition of scales, intervals, triads, harmonic cadences, rhythmic patterns, and meters. Singing of intervals and simple melodies.

MUSI 1117: ELEMENTARY SIGHT SINGING AND EAR TRAINING II (1:1-2)

A continuation of MUSI 1116 with advanced exercises in the hearing and singing of music. Prerequisite: MUSI 1116 or permission of the instructor.

MUSI 1171: STUDENT RECITAL (1:0-3)

Recital attendance credit for music majors and minors. Required of all music majors and minors. This course may be repeated for credit. Maximum of 4 credits.

MUSI 1263: IMPROVISATION I (2:2-1)

Materials and practices for improvisation or extemporaneous playing and /or singing.

MUSI 1264: IMPROVISATION II (2:2-1)

Materials and practices for improvisation or extemporaneous playing and/or singing. Prerequisite: MUSI 1263

MUSI 1301: FUNDAMENTALS OF MUSIC I (3:3-0)

A basic introduction to the elements of music. Study includes the staff, clefs, rhythms, key signatures, scales, and chords. Introductions to sight singing, ear training, and keyboard skills. The course is for non-music majors and for music majors or minors with little or no background in music.

MUSI 1306: MUSIC APPRECIATION (3:3-0)

A non-technical approach to the enjoyment of music with emphasis on intelligent listening procedures of classical, pop, and rock music. Introduction to the cultural periods, major composers, and elements of music. For non-music majors or minors.

MUSI 1308: MUSIC LITERATURE I (3:3-2)

For music majors, music minors, and honors students. A survey of musical forms and cultural periods as illustrated in the literature of major composers. R, W

MUSI 1309: MUSIC LITERATURE II (3:3-2)

A continuation of MUSI 1308. For music majors, music minors, and honors students. R, W

MUSI 1310: AMERICAN MUSIC (3:3-0)

Provides students an in-depth view of different musical styles evident in America. Styles such as rock, pop, soul, jazz, musical theater, blues, gospel, and country music are possible topics. Extensive listening in and outside of class provides further exposure and understanding of popular music and its relationship with the music industry. Open to any student.

MUSI 1311: MUSIC THEORY I (3:2-2)

A course in the elements of music for music majors and minors. Review of the fundamentals of rhythm, melody, and harmony including study of the staff, clefs, key signatures, scales, time signatures, and notation. Part writing of figured bass exercises and melody harmonization requiring the principal triads. Prerequisite: MUSI 1301 or permission of the instructor.

MUSI 1312: MUSIC THEORY II (3:2-2)

Continuation of MUSI 1311. Part writing of figured bass exercises and melody harmonization requiring all diatonic triads, the dominant seventh and supertonic seventh chords, and non-harmonic tones. Prerequisite: MUSI 1311

MUSI 2116: ADVANCED SIGHT SINGING AND EAR TRAINING I (1:1-2)

Singing modulations to closely related keys: modal melodies. Aural study of compound intervals, melodic and harmonic modulation, and all diatonic seventh chords. Prerequisite: MUSI 1117.

MUSI 2117: ADVANCED SIGHT SINGING AND EAR TRAINING II (1:1-2)

Singing remote modulations and more difficult melodies. Aural study of unusual and mixed meters, remote modulation, altered chords, 9th, 11th, and 13th chords. Prerequisite: MUSI 2116

MUSI 2311: MUSIC THEORY III (3:2-2)

Analysis and part writing of materials involving altered chords, sevenths, and modulations. Prerequisite: MUSI 1312.

MUSI 2312: MUSIC THEORY IV (3:2-2)

Continuation of MUSI 2311. Completion of the study of music elements from the standard practice period. Survey of 20th Century techniques. Prerequisite: MUSI 2311

*Electronic Music***MUSC 1327: AUDIO ENGINEERING I (3:2-2)**

Overview of the recording studio. Topics include basic studio electronics and acoustic principles, wave form analysis, microphone concepts and miking techniques, studio set up and signal flow, recording console theory, signal processing concepts, tape machine principles and operation, and an overview of mixing and editing. Open to all students.

MUSI 1390: ELECTRONIC MUSIC I (2:2-1)

An introduction to MIDI and its applications. Use of computer, MIDI interface, synthesizers, drum machine and digital audio in developing musical projects. Competency developed with music sequencing and graphics software. Open to all students.

*Musical Theatre/Opera***MUSI 1159: MUSICAL THEATRE I (1:0-5)**

Open by audition to all students. Considers stage movement, use of voice in musical theatre, spoken dialogue, and musical theatre acting. Culminates in public performance of a complete musical. This course may be repeated for credit. Maximum of 2 credits.

MUSI 1258: OPERA WORKSHOP (2:0-3)

Required of all voice concentrates and open by permission to all other students by audition; will consider the development and use of the voice in theatre; culminates in some variety of opera scenes or short opera for public performance. This course may be repeated for credit. Maximum of 4 credits.

*Music Piano Class***MUSI 1114: PIANO CLASS I FOR MUSIC MAJORS (1:0-2)**

Beginning instruction in keyboard for the music major/minor whose principal instrument is other than keyboard and for the beginning non-music major/minor who wants to begin learning basic piano skills. Prerequisite: Successful completion of MUSI 1301 or consent of Instructor.

MUSI 1115: PIANO CLASS II FOR MUSIC MAJORS (1:0-2)

A continuation of MUSI 1181. Prerequisite: Successful completion of MUSI 1181 or consent of Instructor.

MUSI 1181: Class Piano 1 (for non-majors) (1:0-2)

Class instruction in the fundamentals of keyboard technique for beginning piano students.

MUSI 2114: PIANO CLASS III FOR MUSIC MAJORS (1:0-2)

Continuation of Class Piano I and II, with emphasis on scales and arpeggios (hands together), harmonization, sight reading, score reading, ensemble, and simple accompanying. Prerequisite: Successful completion of MUSI 1182 or consent of Instructor.

MUSI 2115: PIANO CLASS IV FOR MUSIC MAJORS (1:0-2)

Continuation of Keyboard Skills I with further study given to scales (to include chromatic), arpeggios, broken chords, score reading, solo and ensemble performance, and accompanying. Prerequisite: Successful completion of MUSI 2181 or consent of Instructor.

• Philosophy

PHIL 1301: INTRODUCTION TO PHILOSOPHY (3:3-0)

A study of universal philosophical problems and their solutions with a view toward developing clear thinking about knowledge, belief, and value. About one half of this course will focus on the student's critical thinking skills. R, W.

PHIL 1304: INTRODUCTION TO WORLD RELIGIONS (3:3-0)

A study of the origins and development, sacred writings, beliefs, ethics, and practices of the major world religions- Hinduism, Buddhism, Taoism, Confucianism, Islam, Judaism and Christianity. Attention will also be given to the impact of these faiths upon the current world scene. R, W.

PHIL 1316: HISTORY OF RELIGIONS I (3:3-0)

A study of the history and literature of the Hebrew people during the Old Testament period with emphasis upon the development of their social, political and religious institutions and ideas. R, W.

PHIL 1317: HISTORY OF RELIGIONS II (3:3-0)

A study of the history and literature of the Christian movement during the New Testament period with emphasis upon the origins, development, and expansion of its religious institutions and ideas. R, W.

PHIL 2303: INTRODUCTION TO LOGIC (3:3-0)

Introduction to the basic principles of logical reasoning, including fundamentals of sentential logic, traditional syllogistic logic, and the contrasting procedures of induction, probability and the scientific method. R, W.

PHIL 2306: INTRODUCTION TO ETHICS (3:3-0)

Introduction to classical and contemporary ethical theories and principles. Includes critical analysis of contemporary and historical moral problems facing individuals and society. Course may emphasize particular applications. R, W.

PHIL 2307: INTRODUCTION TO SOCIAL AND POLITICAL PHILOSOPHY (3:3-0)

The course critically examines the issues and problems concerning the organization of societies and government as well as their attendant relationships to the environment. It also employs videos, class discussion, and narrative to discuss the central problems associated with the social, ecological and political relationships of human kind. R, W.

• Physical Education

All activities offered at Temple College are divided into three categories: the regular physical education program; recreational sports; and intercollegiate athletics for both men and women. The regular program of instruction offered by the College is basically designed to offer activities that will not only satisfy graduation requirements, but will be of carry-over value and of recreational interest to the student. This program also carries service courses that may be taken as an elective for the non-major or as a part of required courses towards a major in Physical Education.

Other courses are taught for students pursuing majors in related fields.

The recreational sports program is designed to offer additional activities for students other than those obtained in the regular program of college courses. The recreational sport facilities include a fitness center with a cardio room and weight room, and racquetball courts. Further information regarding these facilities may be obtained at the Fitness Center.

Intercollegiate athletics are offered to both men and women. The women's intercollegiate competition is centered around tennis, basketball, volleyball, and softball. The men's program includes the sports of basketball, tennis, and baseball. Students participating in the intercollegiate program should register for intercollegiate athletics under the activity program.

PHED 1301: INTRODUCTION TO PHYSICAL FITNESS AND SPORT (3:3-0)

This course is designed to provide a comprehensive, introductory course on the foundations of physical education and sport. It will acquaint students with the specialized areas of study, career opportunities and the latest thinking and research in the field. Emphasis is placed on the role of Physical Education and sport as a whole and the contribution it makes to society.

PHED 1304: PERSONAL/COMMUNITY HEALTH I (3:3-0)

This course is designed to help improve the health of the students as well as presenting techniques of improvement of total community health. It strives to bring about an inculcation of proper health skills and attitudes by presenting facts and fallacies about health and proper procedures in combating health problems.

PHED 1306: FIRST AID (3:3-0)

This course is designed to familiarize the student with the methods, techniques and procedures necessary in caring for injuries. Students may receive certification in Red Cross First Aid. Lab Fee: \$20

PHED 1308: SPORTS OFFICIATING I. (3:3-0)

A course designed to study the rules, rule interpretations and mechanics of officiating, and to develop skills and knowledge required in the officiating of volleyball and basketball.

PHYSICAL EDUCATION ACTIVITY COURSES (1:0-3)

A fee of \$8 is charged for each Health and Physical Education Activity course in which a student is enrolled.
(Courses in each activity area must be taken in sequence.)

PHED 1101: INTERCOLLEGIATE ATHLETICS I
 PHED 1102: INTERCOLLEGIATE ATHLETICS II
 PHED 1103: INTERCOLLEGIATE ATHLETICS III
 PHED 1104: INTERCOLLEGIATE ATHLETICS IV
 PHED 1105: INTERCOLLEGIATE ATHLETICS V
 PHED 1106: INTERCOLLEGIATE ATHLETICS VI
 PHED 1107: BEGINNING VOLLEYBALL
 PHED 1108: INTERMEDIATE VOLLEYBALL
 PHED 2107: ADVANCED VOLLEYBALL I
 PHED 2108: ADVANCED VOLLEYBALL II
 PHED 1111: SOFTBALL I
 PHED 1122: SOFTBALL II
 PHED 2111: SOFTBALL III
 PHED 2122: SOFTBALL IV
 PHED 1112: JOGGING/WALKING/FITNESS
 PHED 2112: ADVANCED JOGGING/WALKING/FITNESS
 PHED 1113: WEIGHT TRAINING I
 PHED 1114: WEIGHT TRAINING II
 PHED 2113: WEIGHT TRAINING III
 PHED 2114: WEIGHT TRAINING IV
 PHED 1115: BASKETBALL I (MEN)
 PHED 1116: BASKETBALL II (MEN)
 PHED 2115: BASKETBALL III (MEN)
 PHED 2116: BASKETBALL IV (MEN)
 PHED 1117: BASKETBALL I (WOMEN)
 PHED 1137: BASKETBALL II (WOMEN)
 PHED 2117: BASKETBALL III (WOMEN)
 PHED 2137: BASKETBALL IV (WOMEN)
 PHED 1118: BASEBALL (MEN)
 PHED 1120: BEGINNING GOLF (COED)
 PHED 1121: INTERMEDIATE GOLF (COED)
 PHED 2120: ADVANCED GOLF I (COED)
 PHED 2121: ADVANCED GOLF II (COED)
 PHED 1123: BEGINNING TENNIS (COED)
 PHED 1124: INTERMEDIATE TENNIS (COED)
 PHED 2123: ADVANCED TENNIS I (COED)
 PHED 2124: ADVANCED TENNIS II (COED)
 PHED 1126: BEGINNING BOWLING (COED) (BOWLING FEE \$60)
 PHED 1127: INTERMEDIATE BOWLING (COED) (BOWLING FEE \$60)
 PHED 2126: ADVANCED BOWLING I (COED) (BOWLING FEE \$60)
 PHED 2127: ADVANCED BOWLING II (COED) (BOWLING FEE \$60)
 PHED-1134: BEGINNING YOGA
 PHED-1135: INTERMEDIATE YOGA
 PHED-2134: ADVANCED YOGA
 PHED 1141: BEGINNING AEROBICS
 PHED 1142: INTERMEDIATE AEROBICS
 PHED 2141: ADVANCED AEROBICS I
 PHED 2142: ADVANCED AEROBICS II
 PHED 1143: PHYSICAL CONDITIONING I
 PHED 1144: PHYSICAL CONDITIONING II
 PHED 2143: PHYSICAL CONDITIONING III
 PHED 1147: BALLET FOR PHYSICAL EDUCATION
 PHED 1149: BALLET FOLKLORICO FOR PHYSICAL EDUCATION

• Physics

PHYS 1103: STARS AND GALAXIES LABORATORY (1:0-2)

This course is designed to complement PHYS 1303. The course consists of an observational approach to what can be found and measured in the universe outside of our solar system. Students will be involved in taking observations, collecting data and preparation of written reports. Binoculars, different types of telescopes and other instrumentation will be used. For transferability, contact a program advisor. Prerequisite: PHYS 1303 or corequisite: PHYS 1303. Lab fee \$24. R

PHYS 1104: SOLAR SYSTEM LABORATORY (1:0-2)

This course is designed to complement PHYS 1304. This course consists of an observational approach to what can be found and measured in our solar system. Students will be involved in gathering observations, data collection and preparation of written reports. Binoculars, different types of telescopes and other instrumentation will be used. For transferability, contact a program advisor. Prerequisite: PHYS 1304 or corequisite: PHYS 1304. Lab fee \$24. R

PHYS 1303: STARS AND GALAXIES (3:3-0)

This course is designed for those students who desire to know more about the universe. The course is based on the study of stars, galaxies and the universe outside of our solar system. The subject matter will be presented in a descriptive manner, with minimal mathematical application. Mastery of this course will give the student a good understanding of how our universe is structured and its progression. For transferability, contact a program advisor. R

PHYS 1304: SOLAR SYSTEM (3:3-0)

This course is designed for those students who desire to know more about our solar system. The course is based on the study of our sun, the planets within our solar system and other cosmic entities. The origin of the solar system will also be investigated. The subject matter is presented in a descriptive manner with a minimal degree of mathematical applications. For transferability, contact a program advisor. R

PHYS 1401: COLLEGE PHYSICS I (4:3-3)

This is an algebra based physics course with an emphasis in trigonometry. Topics include mechanics, heat and thermodynamics. Laboratory exercises emphasize measurements, concepts, and the experimental basis of physics. Laboratory portion is integrated with lecture portion. Prerequisite: MATH 2412. Lab fee \$24. R, W

PHYS 1402: COLLEGE PHYSICS II (4:3-3)

This is an algebra based physics course with an emphasis in trigonometry and is a continuation of PHYS 1401. Topics include electricity, magnetism, light, optics, and modern physics. Laboratory exercises emphasize measurements, concepts, and the experimental basis of physics. Laboratory portion is integrated with lecture portion. Prerequisite: PHYS 1401. Lab fee \$24. R, W, M

PHYS 1405: ELEMENTARY PHYSICS I (4:3-3)

This is the first semester physics course designed for non-science majors who need a science laboratory course. The subject matter is presented in a descriptive manner with a low mathematical overview of physics. The student will be introduced on a conceptual level to the principles of mechanics, properties of matter, heat, sound and other related topics. For transferability, contact a program advisor. Lab fee \$24. R, W

PHYS 1407: ELEMENTARY PHYSICS II (4:3-3)

This is the second course physics designed for non-science majors and is a continuation of PHYS 1405. The subject matter is presented in a descriptive manner with a low mathematical overview of physics. The student will be introduced on a conceptual level to the principles of electricity, magnetism, light, atomic and nuclear physics, relativity, astrophysics and other related topics. For transferability, contact a program advisor.

Prerequisite: PHYS 1405. Lab fee \$24. R, W

PHYS-2289: ACADEMIC COOPERATIVE (2:2-0)

This course is designed to integrate on-campus study with practical hands-on experiences in physics and engineering. Hands-on experiments and group projects will be conducted at NASA-JSC at a 2 day competition. This is a required course for participation in the Aerospace Scholars Program at NASA. Prerequisite: R, W, M

PHYS 2425: UNIVERSITY PHYSICS I (4:3-3)

This is the a calculus-based physics course. Topics include mechanics, heat and thermodynamics. Laboratory exercises emphasize measurements, concepts, and the experimental basis of physics. Laboratory portion is integrated with lecture portion. Corequisite: MATH 2413. Lab fee \$24. R, W

PHYS 2426: UNIVERSITY PHYSICS II (4:3-3)

This is a calculus-based physics course and is the continuation of PHYS 2425. Topics include electricity, magnetism, light optics, and modern physics. Laboratory exercises emphasize measurements, concepts, and the experimental basis of physics. Laboratory portion is integrated with lecture portion. Prerequisite: PHYS 2425 and corequisite: MATH 2414. Lab fee \$24. R, W

• Professional Office Training

POFT 1301: BUSINESS ENGLISH (3:2-2)

Introduction to practical application of basic language usage skills with emphasis on fundamentals of writing and editing for business. Lab fee \$24.

POFT 1309: ADMINISTRATIVE OFFICE PROCEDURES I (3:2-2)

Study of current office procedures, duties, and responsibilities applicable to an office environment. Lab fee \$24.

POFT 1313: PROFESSIONAL WORKFORCE (3:2-2)

Preparation for career success including ethics, interpersonal relations, professional attire, and advancement. Lab fee \$24.

POFT 1429: BEGINNING KEYBOARDING (4:3-2)

Skill development keyboarding techniques. Emphasis on development of acceptable speed and accuracy levels and formatting basic documents. Lab fee \$24.

POFT 2312: BUSINESS CORRESPONDENCE AND COMMUNICATION (3:2-2)

Development of writing and presentation skills to produce effective business communications. Lab fee \$24.

POFT 2401: INTERMEDIATE KEYBOARDING (4:3-2)

A continuation of keyboarding skills emphasizing acceptable speed, and accuracy levels and formatting documents. Lab fee \$24

• Psychology

PSYC 2301: GENERAL PSYCHOLOGY (3:3-0)

A survey of principles, theories and concepts governing human behavior. Designed to introduce the student to the broad field of psychology. Includes principles of learning, motivation, perception, emotion, personality theory, and adjustment. R

PSYC 2302: APPLIED PSYCHOLOGY (3:3-0)

Survey of the applications of psychological knowledge and methods in such fields as business industry, education, medicine, law enforcement, social work, and government work. Prerequisites: PSYC 2301. R

PSYC 2308: CHILD PSYCHOLOGY (3:3-0)

The study of the relationship of the physical, emotional, social, and mental factors in the growth and development of children. Prerequisite: PSYC 2301 R

PSYC 2314: LIFESPAN GROWTH AND DEVELOPMENT (3:3-0)

A study of the physical, mental, emotional, moral, and social development of the individual from conception to death. Prerequisite: PSYC 2301 R

PSYC 2315: PSYCHOLOGY OF ADJUSTMENT (3:3-0)

A study of the adjustment problems of normal people. Application of techniques of control of stress and anxiety arising from personal conflicts in home, school, and society. R

PSYC 2319: SOCIAL PSYCHOLOGY (3:3-0)

A study of social interaction with emphasis on the principles and theories of dealing with others. Encompasses real life problems such as prejudice, discrimination, attitudes, social perception, impression formation and knowing ourselves. Prerequisite: PSYC 2301 or consent of instructor. R

• Reading

READ 0301: INTRODUCTION TO COLLEGE READING TECHNIQUES (3:3-0)

This course provides instruction in basic college reading skills and reading comprehension strategies for college level textbooks. Special emphasis is placed on content area reading and vocabulary development, general vocabulary development, identifying main ideas and supporting details and patterns of organization. Computer laboratory exercises will supplement reading assignments. This course is not for college level credit. Students must make a grade of "C" or better to attempt the next course.

READ 0302: COLLEGE READING TECHNIQUES (3:3-0)

This course applies skills gained in READ 0301, Introduction to College Reading Techniques, to advanced reading skills and reading comprehension strategies for college level textbooks.. Special emphasis is placed on content area reading and vocabulary development, general vocabulary development, textbook learning, test-taking strategies, efficient reading, analytical reasoning, inference and critical reading. The course provides instruction in comprehension,. Computer laboratory exercises will supplement reading assignments.

This course is not for college level credit. Prerequisite: A grade of "C" or above in READ 0301 or ASSET score of 35 or COMPASS score of 64 or ACCUPLACER score of 61 or THEA-R score of 202. Students must make a grade of "C" or better to complete the Basic Reading program.

• Nursing

Note: Curriculum changes are effective for students entering Fall 2011 and Summer 2011. Additional changes for Summer 2012 are pending.

RNSG 1110: INTRODUCTION TO COMMUNITY-BASED NURSING (1:1-0)

Overview of the delivery of nursing care in a variety of community-based settings; application of systematic problem solving processes and critical thinking skills focusing on the examination of concepts and theories relevant to community based nursing; and development of judgment, skills, and professional values within a legal/ethical framework. Prerequisites: A grade of "C" or higher in each of the following courses: BIOL 2402, RNSG 1309, RNSG 1301, RNSG 1360, RNSG 1205. Corequisites: RNSG 1431, RNSG 1361, RNSG 1146, BIOL 2421. R, W, M.

RNSG 1146: LEGAL AND ETHICAL ISSUES FOR NURSES (1:1-0)

Study of the laws and regulations related to the provision of safe and effective professional nursing care; attention given to the development of a framework for addressing ethical issues; and topics to include confidentiality, The Nursing Practice Act, professional boundaries, ethics, and health care legislation. Prerequisites: A grade of "C" or higher in each of the following courses: BIOL 2402, RNSG 1301, RNSG 1205, RNSG 1309, RNSG 1360. Corequisites: BIOL 2421, RNSG 1431, RNSG 1361, RNSG 1110. R, W, M.

RNSG 1163: CLINICAL-NURSING III-REGISTERED NURSE TRAINING (1:0-4)

This 4 hour per week course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professionals. Prerequisites: A grade of "C" or higher in each of the following courses: PSYC 2314, RNSG 1431, RNSG 1146, RNSG 1361, RNSG 1110. Corequisite: RNSG 2213. R, W, M.

RNSG 1301: PHARMACOLOGY (3:3-0)

Introduction to the science of pharmacology with emphasis on the actions, interactions, adverse effects, and nursing implications of each drug classification. Topics include the roles and responsibilities of the nurse in safe administration of medications within a legal/ethical framework. Prerequisites: A grade of "C" or higher in each of the following courses: BIOL 2401, ENGL 1301, PSYC 2301. Corequisites: BIOL 2402, RNSG 1309, RNSG 1360, RNSG 1205. R, W, M.

RNSG 1205: NURSING SKILLS I (2:1-4)

Study of the concepts and principles essential for demonstrating competence in the performance of nursing procedures based on the nursing process. Topics include knowledge, judgment, skills, and professional values within a legal/ethical framework. Prerequisites: A grade of "C" or higher in each of the following courses: BIOL 2401, ENGL 1301, PSYC 2301. Corequisites: BIOL 2402, RNSG 1309, RNSG 1301, RNSG 1360. Simulation Fee \$64. R, W, M.

RNSG 1251: CARE OF THE CHILDBEARING FAMILY (2:2-0)

Study of concepts related to the provision of nursing care for childbearing families. Topics may include selected complications. Topics include knowledge, judgment, skills, and professional values within a legal/ethical framework. Prerequisites: A grade of "C" or higher in each of the following courses: 3 semester credit hours in Fine Arts Humanities, RNSG 1447, RNSG 2360, RNSG 2201, RNSG 2221. Corequisites: ENGL 2311, RNSG 2441, RNSG 2361, RNSG 2130. R, W, M.

RNSG 1309: INTRODUCTION TO NURSING (3:3-0)

Overview of nursing, nursing process, and the role of the associate degree nurse as a provider of holistic care, coordinator of care, and member of a profession. Topics include knowledge, judgment, skills, and professional values within a legal/ethical framework. Prerequisites: A grade of "C" or higher in each of the following courses: BIOL 2401, ENGL 1301, PSYC 2301. Corequisites: BIOL 2402, RNSG 1301, RNSG 1360, RNSG 1205. R, W, M.

RNSG 1360: CLINICAL-NURSING I-REGISTERED NURSE TRAINING (3:0-12)

This 12 hour per week course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professionals. Prerequisites: A grade of "C" or higher in each of the following courses: BIOL 2401, ENGL 1301, PSYC 2301. Corequisites: BIOL 2402, RNSG 1309, RNSG 1301, RNSG 1205. Approximately \$25 liability insurance fee. R, W, M.

RNSG 1361: CLINICAL-NURSING II-REGISTERED NURSE TRAINING (3:0-12)

This 12 hour per week course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professionals. Prerequisites: A grade of "C" or higher in each of the following courses: BIOL 2402, RNSG 1309, RNSG 1301, RNSG 1360, RNSG 1205. Corequisites: PSYC 2314, RNSG 1431, RNSG 1146, RNSG 1110. R, W, M.

RNSG 1431: PRINCIPLES OF CLINICAL DECISION-MAKING (4:3-4)

Examination of selected principles related to the continued development of the professional nurse as a provider of holistic care, coordinator of care, and member of a profession. Emphasis on clinical decision making for clients in medical surgical settings experiencing health problems involving fluid and electrolytes, perioperative care, pain; respiratory disorders, peripheral vascular disorders, immunologic disorder, and infectious disorders. Discussion of knowledge, judgment, skills, and professional values within a legal/ethical framework. Prerequisites: A grade of "C" or higher in each of the following courses: BIOL 2402, RNSG 1309, RNSG 1301, RNSG 1360, RNSG 1205. Corequisites: BIOL 2421, RNSG 1361, RNSG 1146, RNSG 1110. \$64 Simulation Fee. R, W, M.

RNSG 1447: CONCEPTS OF CLINICAL DECISION-MAKING (4:3-4)

Integration of previous knowledge and skills into the continued development of the professional nurse as a provider of holistic care, coordinator of care, and member of a profession. Emphasis on clinical decision-making, for clients in medical-surgical settings experiencing health problems involving gastrointestinal disorders, endocrine and metabolic disorders, reproductive and sexual disorders, musculoskeletal disorders, eye-ear-nose-throat disorders and integumentary disorders. Discussion of knowledge, judgment, skills, and professional values within a legal ethical framework. Prerequisites: A grade of "C" or higher in each of the following courses: RNSG 2313, RNSG 1163. Corequisites: RNSG 2201, RNSG 2360, RNSG 2221, 3 credits Fine Arts/Humanities elective. Simulation Fee \$64. Assessment Test Fee \$45. R, W, M.

RNSG 2201: CARE OF CHILDREN AND FAMILIES (2:2-0)

Study of concepts related to the provision of holistic nursing care for children and their families, emphasizing clinical decision-making, knowledge, judgment, communication, skills, and professional values within a legal ethical framework. Prerequisites: A grade of "C" or higher in each of the following courses: RNSG 2313, RNSG 1163. Corequisites: RNSG 1447, RNSG 2360, RNSG 2221, 3 credits Fine Arts/Humanities elective. R, W, M.

RNSG 2221: MANAGEMENT OF CLIENT CARE (2:2-0)

Exploration of leadership and management principles applicable to the role of the nurse as a provider of holistic care, coordinator of care, and member of a profession. Includes application of clinical decision-making, knowledge, judgment, communication, skills, and professional values within a legal/ethical framework. Prerequisites: A grade of "C" or higher in each of the following courses: RNSG 2313, RNSG 1163. Corequisites: RNSG 1447, RNSG 2201, RNSG 2360. 3 credits Fine Arts/Humanities elective. R, W, M.

RNSG 2313: MENTAL HEALTH NURSING (3:3-0)

Principles and concepts of mental health, psychopathology, and treatment modalities related to the holistic nursing care of clients and their families utilizing the nursing process. Prerequisites: A grade of "C" or higher in each of the following courses: PSYC 2314, RNSG 1431, RNSG 1146, RNSG 1361, RNSG 1110. Corequisite: RNSG 1163. \$16 lab fee. R, W, M.

RNSG 2441: ADVANCED CONCEPTS OF CLINICAL DECISION-MAKING (4:3-4)

Application of advanced concepts and skills for development of the professional nurse's roles in complex client nursing situations. Emphasis on clinical decision-making for clients in medical surgical settings experiencing health problems involving cardiovascular disorders, neurologic disorders, liver, biliary and pancreatic disorders, renal and urinary disorders, Hematologic disorders, and cancer. Focus given to knowledge, judgment, skills, and professional values within a legal ethical framework. Prerequisites: A grade of "C" or higher in each of the following courses: 3 SCH Fine Arts/Humanities, RNSG 2221, RNSG 1447, RNSG 2360, RNSG 2201. Corequisites: ENGL 2311, RNSG 2361, RNSG 1251, RNSG 2130. \$48 lab fee. \$45 comprehensive exam fee. R, W, M.

RNSG 2360: CLINICAL-NURSING IV –REGISTERED NURSE TRAINING (3:0-12)

This 12 hour per week course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professionals. Prerequisites: A grade of "C" or higher in each of the following courses: RNSG 2313, RNSG 1163. Corequisites: 3 SCH Fine Arts/Humanities elective, RNSG 2221, RNSG 1447, RNSG 2201. Approximately \$25 liability insurance fee. R, W, M.

RNSG 2361: CLINICAL-NURSING V –REGISTERED NURSE TRAINING (3:0-12)

This 12 hour per week course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professionals. Prerequisites: A grade of "C" or higher in each of the following courses: 3 SCH Fine Arts/Humanities, RNSG 1447, RNSG 2201, RNSG 2360, RNSG 2221. Corequisites: ENGL 2311, RNSG 2441, RNSG 2221, RNSG 1251, RNSG 2130. R, W, M.

RNSG 2130: PROFESSIONAL NURSING REVIEW AND LICENSURE PREPARATION (1:1-0)

Review of concepts required for licensure examination and entry into the practice of professional nursing. Includes application of National Council Licensure Examination for Registered Nurses (NCLEX-RN) test plan, assessment of knowledge deficits, and remediation. Prerequisites: A grade of "C" or higher in each of the following courses: 3 credits Fine Arts/Humanities, RNSG 1447, RNSG 2201, RNSG 2221, RNSG 2360. Corequisites: ENGL 2311, RNSG 2441, RNSG 1251, RNSG 2361. R, W, M.

• LVN Bridging Program

RNSG 1162: Clinical-Nursing-Registered Nurse Training (1:0-4) (under revision)

This 4 hour per week course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professionals. Prerequisites: A grade of "C" or higher in each of the following courses: BIOL 2401, BIOL 2402, BIOL 2421, ITSE 1294, PSYC 2301, PSYC 2314 and VNSG 1423. Corequisite: RNSG 2307. R, W, M. Approximately \$25 liability insurance fee. R, W, M.

RNSG 2307: Transition to Nursing Practice (3:3-1) (under revision)

Introduction to selected concepts related to the role of the associate degree nurse as a provider of care, coordinator of care, and member of a profession. Review of trends and issues impacting nursing and health care today and in the future. Topics include knowledge, judgment, skill, and professional values within a legal/ethical

framework. Prerequisites: A grade of "C" or higher in each of the following courses: BIOL 2401, BIOL 2402, BIOL 2421, ITSE 1294, PSYC 2301, PSYC 2314 and VNSG-1423. \$16.00 lab fee.
Corequisite: RNSG 1162. R,W,M.

NOTE: Curriculum changes are pending for the Summer 2012 class.

• Respiratory Care

RSPT 1201: INTRODUCTION TO RESPIRATORY CARE (1:2-2)

An introduction to the field of respiratory care. Topics include the history of respiratory care, hospital organization, medical malpractice, ethics, vital signs, body mechanics, basic cardiopulmonary assessment, infection control and cardiopulmonary resuscitation (CPR). Lab Fee \$24

RSPT 1307: CARDIOPULMONARY ANATOMY AND PHYSIOLOGY (3:3-0)

An introduction to the anatomy and physiology of the cardiovascular, renal, and pulmonary system. Includes the terminology used in respiratory physiology. Prerequisite: BIOL 2401.

RSPT 2317: RESPIRATORY CARE PHARMACOLOGY (3:1-2)

A study of pharmacological principles/practices of drugs which affect the cardiopulmonary systems. Emphasis on classification, route of administration, dosages/calculations, and physiological interactions. Prerequisite: RSPT 1307. Lab Fee \$12

RSPT 1360: CLINICAL - RESPIRATORY THERAPY TECHNICIAN (3:0-16)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional. Prerequisite: RSPT 1410. Liability Insurance approximately \$28.

RSPT 1410: RESPIRATORY CARE PROCEDURES I (4:3-3)

Provides students with the essential knowledge of the equipment and techniques used in the treatment of pulmonary disease and their clinical application. The following areas are discussed in depth: oxygen therapy, humidity and aerosol therapy, hyperinflation therapy, chest physiotherapy, pulse oximetry, arterial puncture, and interpretation. DataArc Fee \$70 Lab Fee \$24

RSPT 1411: RESPIRATORY CARE PROCEDURES II (4:3-3)

Provides students with the essential knowledge of airway care and mechanical ventilation. Airway care includes indication, techniques, equipment, and hazards and complications. Mechanical ventilation includes indication, initiation, modes, clinical application, management, complications, and weaning. Prerequisite: RSPT 1410. Lab Fee \$24

RSPT 2230: EXAM PREPARATION (2:2-0)

Comprehensive review for selected respiratory care credentialing examinations. Test matrices and exam content areas for selected exams will be presented.

RSPT 2239: Advanced Cardiac Life Support (2:2-0)

A comprehensive course designed to develop the cognitive and psychomotor skills necessary for resuscitation of the adult. Strategies for managing and stabilizing the cardiopulmonary arrested patient will be included.

RSPT 2305: PULMONARY DIAGNOSTICS (3:2-2)

The theories and techniques involved in pulmonary function testing diagnostics with emphasis on blood gas theory and analysis, quality control, oximetry, and capnography. Prerequisite: RSPT 2310. Lab Fee \$24

RSPT 2310: CARDIOPULMONARY DISEASE (3:3-0)

A discussion of the pathogenesis, pathology, diagnosis, history, prognosis, manifestations, treatment, and detection of cardiopulmonary diseases. Prerequisite: RSPT 1307

RSPT 2353: NEONATAL/PEDIATRIC CARDIOPULMONARY CARE (3:3-2)

A study of acute care, monitoring and management as applied to the neonatal and pediatric patient. Lab Fee \$12

RSPT 2361: CLINICAL - RESPIRATORY THERAPY TECHNICIAN (3:0-16)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional.

RSPT 2362: CLINICAL - RESPIRATORY THERAPY TECHNICIAN (3:0-16)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional.

RSPT 2414: MECHANICAL VENTILATION (4:3-2)

Preparation to conduct the therapeutic procedures to achieve adequate, spontaneous, and artificial ventilation with emphasis on ventilator classification, methods, principles, and operational characteristics. Also included are the indications, complications, and physiologic effects/principles of mechanical ventilation. Prerequisite: RSPT 1411. Lab Fee \$16

RSPT 2425: CARDIOPULMONARY DIAGNOSTICS (4:3-3)

A study of physical, radiologic, hemodynamic, laboratory, nutritional, and cardiopulmonary diagnostic assessment of the pulmonary patient. Prerequisite: RSPT 2305. Lab Fee \$24

RSPT 2660: CLINICAL - RESPIRATORY THERAPY TECHNICIAN (6:0-16)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional. This is a 12 week course during the summer. Prerequisite: RSPT 1360.

• Security and Loss Prevention

SLPS 2333: PRIVATE INVESTIGATION (3:3-0)

The private investigation process. Includes techniques and procedures involved and legal issues applicable to private investigations.

SLPS 2388: INTERNSHIP – SECURITY AND LOSS PREVENTION SERVICES (3:0-17)

A work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. A learning plan is developed by the college and the employer.

• Sociology

SOCI 1301: INTRODUCTORY SOCIOLOGY (3:3-0)

It is the aim of this course to give the students an understanding of the culture and the institutions with which they live and to familiarize them with the social processes of society. R, W

SOCI 1306: SOCIAL PROBLEMS (3:3-0)

Survey and analysis of current social problems. Prerequisite: SOCI 1301 R, W

SOCI 2301: MARRIAGE AND THE FAMILY (3:3-0)

A sociological analysis of marriage and family relationships based on concepts introduced in SOCI 1301. Areas explored are courtship practices, marriage and family patterns and the family in transition. Prerequisite: SOCI 1301 or approval of instructor. R, W

SOCI 2319: MINORITY STUDIES I (3:3-0)

Historical, economic, social, and cultural development of minority groups. May include African American, Mexican American, Asian American, and Native American issues. Prerequisite: R, W

SOCI 2336: CRIMINOLOGY (3:3-0)

Social dimensions of deviant and criminal behavior; scope of crime; theories of crime and other socially deviant behavior; the role of the police and court system; group and community oriented programs (i.e. rape crisis, battered spouses' centers, and child abuse); study of programs of prevention, control and treatment. R, W

SOCI 2389: ACADEMIC COOPERATIVE IN SOCIOLOGY (3:3-4)

Integrates on-campus study with practical experiences in a social science context. In conjunction with class seminars and consultation with the course instructor, each student sets specific goals and objectives in the study of human social behavior and/or social institutions. Prerequisite: SOCI 1301. R, W

• Social Work

SOCW 2361: INTRODUCTION TO SOCIAL WORK (3:3-0)

Explores the philosophy and practice of social work in the United States, survey of the fields and techniques of social work. Introduces the purpose and function of professional organizations, current issues confronting the social work profession, and knowledge of populations targeted for social services. R, W

SOCW 2362: SOCIAL WELFARE AS A SOCIAL INSTITUTION (3:3-0)

An introduction to the study of modern social work, underlying philosophy and ethics of social work, and the major divisions and types of social work together with their methods and objectives. Explores the current social welfare system and relevant social legislation.

• Spanish

SPAN 1300: BEGINNING SPANISH CONVERSATION I (3:3-0)

This class offers the student opportunities to practice basic conversational skills on topics important to social and career situations through basic practice in comprehension and production of the spoken language. Most of the situations presented in this class can be handled using the present tense or conversational future. This is a good course for students who have been out of a language classroom for a few years, or for those who want to sharpen their listening and speaking skills. Prerequisite: two years high school, or equivalent.

SPAN 1310: BEGINNING SPANISH CONVERSATION II (3:3-0)

This class offers the student opportunities to practice conversational skills learned in 1300 and adds situations which necessitate the use of the past tenses through basic practice in comprehension and production of the spoken language. Prerequisite: SPAN 1300 or equivalent.

SPAN 1411: BEGINNING SPANISH I (4:3-2)

This course teaches fundamental skills in listening comprehension, speaking, reading, and writing. It includes basic vocabulary, grammatical structure, and culture. The present tense verb forms and the conversational future will be practiced throughout the course. The past preterite tense is introduced at the end of the course. This is a course for true beginners and for those who have had only minimal exposure to the language. R, W.

SPAN 1412: BEGINNING SPANISH II (4:3-2)

This course continues with the presentation of the fundamental skills in listening comprehension, speaking, reading, and writing learned in 1411 or other basic classes. It guides the student through an increasing use of the past tenses in the semester. This course teaches the structural patterns necessary to convey messages about the past and how to relate them to the present and the future. Much of the reading material will be from Spanish language news sources on the Internet. The student will acquire cultural knowledge through the use of current, real world standard Spanish usage. Prerequisite: SPAN 1411 or equivalent.

SPAN 2306: INTERMEDIATE SPANISH CONVERSATION (3:3-0)

This class presents opportunities for conversation at the intermediate level through basic practice in comprehension and production of the spoken language. Prerequisite: SPAN 1310 or equivalent.

SPAN 2311: INTERMEDIATE SPANISH I (3:3-0)

This course emphasizes conversation, vocabulary acquisition, reading composition, and culture through review and application of skills in listening comprehension, speaking, reading, and writing. This course provides a study of structural patterns in the Spanish language with emphasis on the contrastive patterns between English and Spanish. The cultural units and readings and listening materials will vary each semester. Prerequisite: SPAN 1412 or equivalent.

SPAN 2312: INTERMEDIATE SPANISH II (3:3-0)

This course emphasizes conversation, vocabulary acquisition, reading composition, and culture through review and application of skills in listening comprehension, speaking, reading, and writing. This course provides a study of structural patterns in the Spanish language with emphasis on the contrastive patterns between English and Spanish. The cultural units and readings and listening materials will vary each semester. Prerequisite: SPAN 2311 or equivalent.

SPAN 2313: SPANISH FOR NATIVE SPEAKERS I (3:3-0)

This class emphasizes vocabulary acquisition to help students build the modern vocabulary necessary for participating in the global Spanish community through basic practice in the production of the spoken language. This class will also help native speakers develop the listening skills necessary for determining the need for written accent marks on words.

SPAN 2315: SPANISH FOR NATIVE SPEAKERS II (3:3-0)

This class is a continuation of Spanish 2313 through basic practice in the production of the spoken language. Students will have an opportunity to hear and interact with people from various areas of the Spanish speaking world through the use of the Internet and live interviews. Prerequisite: SPAN 2313 or equivalent.

SPAN 2316: CAREER SPANISH I (3:3-0)

This class presents vocabulary and practice situations that will be encountered in the workplace through basic practice in the production of the spoken language. This course can be offered to a group of students with similar career goals. Prerequisite: SPAN 1412 or SPAN 2313 or equivalent.

SPAN 2317: CAREER SPANISH II (3:3-0)

This is a continuation of SPAN 2316 through basic practice in the production of the spoken language. The focus of the course is to prepare the student to be able to handle conversations with people from around the Spanish speaking world. Prerequisite: SPAN 2316

SPAN 1100: BEGINNING SPANISH CONVERSATION I (1:1-0)

This course is designed to teach people how to be able to get the information necessary for filling out common business forms. The course deals with the differences that prove problematic for English speakers such as correctly identifying the main surname. Prerequisite: one year of high school Spanish or equivalent.

SPAN 1110: BEGINNING SPANISH CONVERSATION II (1:1-0)

This course is designed to give the student the basic conversational and reading skills needed for traveling in a Spanish-speaking country. Prerequisite: SPAN 1411 or equivalent or experience with the language.

• *Speech*

SPCH 1311: INTRODUCTION TO SPEECH COMMUNICATION (3:3-0)

An introduction to the theories and practice of oral communication. Emphasis is on the importance of both listening and speaking to help the student develop skills necessary for communication in interpersonal, small group and public speaking situations. R,W

SPCH 1315: PUBLIC SPEAKING (3:3-0)

Research, composition, organization, and delivery of speeches for various purposes and occasions with emphasis on listener analysis and informative and persuasive techniques. (Formerly SPEECH 1663) R,W

SPCH 1318: INTERPERSONAL COMMUNICATION (3:3-0)

Theories and exercises in verbal and nonverbal communication with focus on interpersonal relationships. R, W

SPCH 1321: BUSINESS AND PROFESSIONAL COMMUNICATION (3:3-0)

Theories and practice of speech communication as applied to business and professional situations. Emphasis is on the importance of both listening and speaking to help students develop skills necessary for communication in interpersonal, small group, and public business interactions. R,W

SPCH 1342: VOICE AND DICTION (3:3-0)

Physiology and mechanics of effective voice production with practice in articulation, pronunciation, and enunciation. Introduction to the International Phonetic Alphabet. This is the same course as DRAM 2336 but can be taken for speech credit. Credit will not be granted for both SPCH 1342 and DRAM 2336. R, W

SPCH 2333: DISCUSSION AND SMALL GROUP COMMUNICATION (3:3-0)

Discussion and small group theories and techniques as they relate to group process and interaction. R, W

• Surgical Technology

SRGT 1505: INTRODUCTION TO SURGICAL TECHNOLOGY (5:5-0-0)

Orientation to surgical technology theory, surgical pharmacology and anesthesia, technical sciences, and patient care concepts. Prerequisite: SRGT 1509. A 4-week course. Pre-requisite: SRGT 1301 and BIO 2404

SRGT 1509: FUNDAMENTALS OF PERIOPERATIVE CONCEPTS AND TECHNIQUES (5:3-6-0)

In-depth coverage of perioperative concepts such as aseptic principles and practices, infectious processes, wound healing, and creation and maintenance of the sterile field. \$150 sterile supply pack fee. Student must successfully perform a videotaped practicum demonstration with an 80% proficiency in order to pass this course. A 12-week course.

SRGT 1541: SURGICAL PROCEDURES I (5:5-0-0)

Introduction to surgical pathology and its relationship to surgical procedures. Emphasis on surgical procedures related to the general, OB/GYN, genitourinary, and orthopedic surgical specialties incorporating instruments, equipment, and supplies required for safe patient care. Prerequisite: SRGT 1509, SRGT 1505. A 12-week course.

SRGT 1542: SURGICAL PROCEDURES II (5:5-0-0)

Introduction to surgical pathology and its relationship to surgical procedures. Emphasis on surgical procedures related to thoracic, peripheral vascular, plastic/reconstructive, EENT, cardiac, and neurological surgical specialties incorporating instruments, equipment, and supplies required for safe patient care. Prerequisite: SRGT 1541 an 8-week course.

SRGT 1560: CLINICAL – SURGICAL TECHNOLOGY/TECHNOLOGIST, INTRODUCTORY (5:0-0-18)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Basic level surgical technology competencies are evaluated. Approximately \$20 liability fee. A 12-week course.

Prerequisite: SRGT 1505, SRGT 1509.

SRGT 1361: CLINICAL – SURGICAL TECHNOLOGY/TECHNOLOGIST, INTERMEDIATE (3:0-0-11)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Intermediate level surgical technology competencies are evaluated. An 8-week course. Prerequisite: SRGT 1560.

SRGT 1462: CLINICAL – SURGICAL TECHNOLOGY/TECHNOLOGIST, ADVANCED (4:0-0-13)

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Advanced level surgical technology competencies are evaluated. An 8-week course. Prerequisite: SRGT 1361.

SRGT 2130: PROFESSIONAL READINESS (1:1-0-0)

Exploration of issues and situations faced as surgical technologists. Topics may include job-seeking skills and written professional portfolios, pros/cons of malpractice insurance, reality shock of employment, coping with issues of death and dying, organ procurement issues, and preparation for national certification. A capstone experience may be included. Prerequisite: SRGT 1541: SRGT 1542. \$300 National Certification Exam Fee. An 8-week course.

• Study Skills

STSK 0305: MASTER STUDENT FOR TSI (TEXAS SUCCESS INITIATIVE) (3:3-0)

This course is aimed at improving the student's basic skills. It includes student evaluation of study habits; application of effective time management practices; and practice in such essential mechanics as note taking, reading, review, and preparation for examinations. Students also gain skills designed to improve the consultations they have with their college instructors.

STSK 0306: MASTER STUDENT FOR COLLEGE SUCCESS (3:3-0)

This course is aimed at improving the student's basic skills. It includes student evaluation of study habits; application of effective time management practices; and practice in such essential mechanics as note taking, reading, review, and preparation for examinations. Students also gain skills designed to improve the consultations they have with their college instructors.

• Surveying

SRVY 1301: INTRODUCTION TO SURVEYING (3:2-4)

An overview of the surveying profession. The history of surveying and its impact on the world. Review the mathematics used in surveying. Introduction to basic surveying equipment with emphasis on measurements.

Instruction on surveying procedures and the limitation of errors. Calculation to determine precision and error of closure. Lab fee \$24.

SRVY 1309: SURVEYING MEASUREMENT (3:2-4)

An introductory course covering the equipment and hardware of the profession necessary to measure horizontal and vertical distances, in accordance with prevailing and applicable professional standards, e. g., standards of the National Geodetic Survey, state and local statutes and regulations, professional standards, such as the Texas Society of Professional Surveyors. Lab fee \$24.

SRVY 1315: SURVEYING CALCULATIONS (3:3-0)

An introduction to the mathematics used in surveying and mapping, including algebra, plane trigonometry, and plane, solid and analytical geometry.

SRVY 1319: INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS) (3:2-4)

A study of the theory of geographic information systems, including conceptual understanding and database development, terms, definitions, classifications, use and client requirements, and prevailing and applicable professional standards. Projects and procedures to establish maps based upon geographic information systems. Lab fee \$24.

SRVY 2305: GEOGRAPHIC INFORMATION SYSTEMS APPLICATIONS (3:2-4)

A hands-on course with computer applications providing additional conceptual understanding of geographical information systems and practical applications using a variety of Geographical Information System software. Lab fee \$24.

SRVY 2309: COMPUTER AIDED MAPPING (3:2-4)

An intermediate to advanced level course designed to teach the student how to produce a survey map using appropriate software and coordinate geometry. Production of survey maps and plats, civil engineering design drawings and topographic maps utilizing coordinate geometry. Lab fee \$24.

• Texas Early Childhood Articulation

TECA 1303: FAMILIES, SCHOOL, AND COMMUNITY (3:3-1)

A study of the child, family, community, and schools, including parent education and involvement, family and community lifestyles, child abuse, and current family life issues. This course requires students to participate in field experiences with children from infancy through age 12 in a variety of settings with varied and diverse populations with a minimum of 16 hours of field experience. Lab fee \$24.

TECA 1311: EDUCATING YOUNG CHILDREN (3:3-1)

An introduction to the education of the young child, including developmentally appropriate practices and programs, theoretical and historical perspectives, ethical, and professional responsibilities, and current issues. This course requires students to participate in field experiences with children from infancy through age 12 in a variety of settings with varied and diverse populations with a minimum of 16 hours of field experience. Lab fee \$24.

TECA 1318 WELLNESS OF THE YOUNG CHILD (3:3-1)

A study of the factors that impact the well-being of the young child including healthy behavior, food, nutrition, fitness and safety practices. Focus on local and national standards and legal implications of relevant policies and regulations. This course requires students to participate in field experiences with children from infancy through age 12 in a variety of settings with varied and diverse populations with a minimum of 16 hours of field experience. Lab fee \$24.

TECA 1354: CHILD GROWTH AND DEVELOPMENT (3:3-0)

A study of the physical, emotional, social, and cognitive factors impacting growth and development of children through adolescence.

• Vocational Nursing

VNSG 1119: PROFESSIONAL DEVELOPMENT (1:1-0)

Study of the importance of professional growth. Topics include the role of the licensed vocational nurse in the multi-disciplinary health care team, professional organizations, and continuing education. Prerequisites: VNSG 1231, 1330, 1509, 1560, 2331. Corequisites: VNSG 1138, 1334, 1510, 2561, ITSE 1294.

VNSG 1122: VOCATIONAL NURSING CONCEPTS (1:1-0)

Introduction to the nursing profession and its responsibilities and the legal and ethical issues in nursing practice. Concepts related to the physical, emotional, and psychosocial self-care of the learner/professional. Corequisites: VNSG 1126, 1136, 1160, 1423, BIOL 2404.

VNSG 1126: GERONTOLOGY (1:1-0)

Overview of the normal physical, psychosocial, and cultural aspects of the aging process. Addresses common disease processes of aging. Exploration of attitudes toward the holistic care of the elderly in a diverse population. Corequisites: VNSG 1122, 1136, 1160, 1423, BIOL 2404.

VNSG 1136: MENTAL HEALTH (1:1-0)

Introduction to the principles and theories of positive mental health and human behaviors. Topics include emotional responses, coping mechanisms, and therapeutic communication skills. Corequisites: VNSG 1122, 1126, 1160, 1423, BIOL 2404.

VNSG 1138: MENTAL ILLNESS (1:1-0)

Study of human behavior with emphasis on emotional and mental abnormalities and modes of treatment incorporating the nursing process. Prerequisites: VNSG 1231, 1330, 1509, 1560, 2331. Corequisites: VNSG 1119, 1334, 1510, 2561, ITSE 1294.

VNSG 1160: CLINICAL-LVN TRAINING I (1:0-6)

This course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professionals. Approximately \$20 per year liability insurance fee. Corequisites: VNSG 1122, 1126, 1136, 1423, BIOL 2404.

VNSG 1231: PHARMACOLOGY (2:2-1)

Fundamentals of medications and their diagnostic, therapeutic, and curative effects. Includes nursing interventions utilizing the nursing process in providing holistic care. \$16 lab fee. Prerequisites: VNSG 1122, 1126, 1136, 1160, 1423, BIOL 2404. Corequisites: VNSG 1330, 1509, 1560, 2331.

VNSG 1330: MATERNAL-NEONATAL NURSING (3:3-0)

Utilization of the nursing process in the assessment and management of the childbearing family. Emphasis on the bio-psycho-socio-cultural needs of the family during the phases of pregnancy, childbirth, and the neonatal period including abnormal conditions. \$16 lab fee. Prerequisites: VNSG 1122, 1126, 1136, 1160, 1423, BIOL 2404. Corequisites: VNSG 1231, 1509, 1560, 2331.

VNSG 1334: PEDIATRICS (3:3-0)

Study of childhood growth and development, diseases and childcare from infancy through adolescence. Focus is on the care of the well and the ill child utilizing the nursing process in providing family centered holistic nursing care. Prerequisites: VNSG 1231, 1330, 1509, 1560, 2331. Corequisites: VNSG 1119, 1138, 1510, 2561, ITSE 1294. VNSG

VNSG 1423: BASIC NURSING SKILLS (4:3-4)

Mastery of entry level nursing skills and competencies to a diverse population for a variety of healthcare settings. Utilization of the nursing process as the foundation for all nursing interventions to meet the holistic healthcare needs. Laboratory experiences are required. \$64 Simulation Fee. Corequisites: VNSG 1122, 1126, 1136, 1160, BIOL 2404.

VNSG 1509: NURSING IN HEALTH & ILLNESS II (5:5-0)

Introduction to common health problems of culturally diverse clients requiring medical and surgical interventions during various stages of the life cycle. Prerequisites: VNSG 1122, 1136, 1336, 1160, 1423, BIOL 2404. Corequisites: VNSG 1231, 1330, 1560, 2331. \$45 Mid-curricular Assessment test fee.

VNSG 1510: NURSING IN HEALTH AND ILLNESS III (5:5-1)

Continuation of Nursing in Health and Illness II. Further study of common medical-surgical problems of culturally diverse clients including concepts of mental illness. Content incorporates knowledge necessary to make the transition from the student role to the roles of the graduate vocational nurse as an integral component of the multi-disciplinary healthcare team. \$16 lab fee. \$45 exit exam fee. Prerequisites: VNSG 1231, 1330, 1509, 1560, 2331. Corequisites: VNSG 1119, 1138, 1334, 2561, ITSE 1294.

VNSG 1560: CLINICAL-LVN-TRAINING II NURSE (5:0-25)

This course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professionals. Prerequisites: VNSG 1122, 1126, 1136, 1160, 1423, BIOL 2404. Corequisites: VNSG 1231, 1330, 1509, 2331.

VNSG 2331: ADVANCED NURSING SKILLS (3:2-2)

Mastery of advanced level nursing skills and competencies to a diverse population in a variety of healthcare settings utilizing the nursing process as a problem solving tool. Laboratory experiences are required. \$32 Simulation fee. Prerequisites: VNSG 1122, 1126, 1136, 1160, 1423, BIOL 2404. Corequisites: VNSG 1231, 1330, 1509, 1560.

VNSG 2561: CLINICAL-LVN-TRAINING III (5:0-25)

This course is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professionals. Prerequisites: VNSG 1231, 1330, 1509, 1560, 2331. Corequisites: VNSG 1119, 1138, 1334, 1510, ITSE 1294. VNSG 1423. \$16 lab fee. Corequisite: RNSG 1162. R.W.M.

Note: The personnel and positions listed are correct at time of printing, but are subject to change during the year.

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 Ph.D., University of Texas at Austin

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 A.A.S., Temple College
 B.A., Texas State University

LINDA BARNES Secretary, Director of College Communications
 A.A., Temple Junior College
 B.A., University of Mary Hardin-Baylor

DIANE HODDE Office Assistant/Switchboard Operator

CRYSTAL DAVIS Office Assistant/Switchboard Operator

SHARON DRAHN Graphics Designer
 B.F.A., University of Mary Hardin-Baylor

STEVEN LEMMONS Director, Instructional Technology
 A.A.S., Texas State Technical College

ANITRA HICKS Secretary, Media Center

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 B.S., Sam Houston State University
 M.S., Tarleton State University

PAMELA WHITE Analyst I, Instructional Technology
 A.A.S., Temple College

INSTITUTIONAL EFFECTIVENESS, RESEARCH AND PLANNING

JIMMY ROBERTS Director, Institutional Effectiveness, Research and Planning
 B.A., McNeese State University
 M.Ed., Texas A&M University
 Ed.D., University of Mary Hardin Baylor
 Additional Graduate Work, Lamar University, The University of Texas-Austin

REBECCA RICHTER Institutional Research Analyst
 Certificate of Technolog, San Jacinto College North
 B.A., Miami University
 M.A., University of Houston-Clear Lake
 Post Graduate work: Sam Houston State University

INTERCOLLEGIATE ATHLETICS

DANNY SCOTT Director, Athletics
 B.S., Southwest Texas State University
 M.Ed., Southwest Texas State University

ALANA JONES Secretary, Health and Physical Education

KIRBY JOHNSON Coach, Men's Basketball/Health and Physical Education
 B.S., Texas Tech University
 M.Ed., Texas Tech University

GLENN RICHARD KING.....Coach, Tennis
 B.S., Southern Illinois University
 M.Ed., North Texas State University
 Post Graduate Work, The University of Texas at Austin

CRAIG McMURTRYCoach, Baseball

MARY REESE Coach, Volleyball/Health and Physical Education
 A.A.S., Temple College
 B.S., Prairie View A&M University
 M.Ed., Prairie View A&M University

KIMBERLY KAY SEBEK.....Coach, Women's Basketball/Health and Physical Education
 A.A., Tyler Junior College
 B.S. Ed., University of Alabama - Birmingham
 M.S.Ed. The University of Texas at Tyler

KRISTEN ZALESKI.....Coach, Women's Softball and Physical Education
 B.S.C.J., Texas State University

PAMELA LEE Director of Recreational Sports and Wellness/ Health and Physical Education
 B.S., Niagara University
 M.A., Sam Houston State University

NANCY RHUDY Secretary, Recreational Sports and Wellness

EDUCATIONAL SERVICES

MARK SMITH Vice President of Educational Services, Chief Academic Officer
 B.A., William Carey College
 M.B.A., William Carey College
 Ph.D., Capella University

JUDY DOHNALIK Office Manager, Educational Services, Board Recorder
 A.A.S., Houston Community College System

KATHRYN NORRIS Director, Dual Credit
 B.S., Troy State University
 M.S., Tarleton State University

DISTANCE EDUCATION

DANIEL SPENCERInterim Associate Vice President of Academic Outreach
 A.S., Illinois Valley Community College and Extended Programs
 B.A., Augustana College
 M.S.H.P., Southwest Texas State University
 Ed.D., Baylor University

BRIAN ST. AMOURDirector of eLearning (Distance Education).
 A.S., Vermont Technical College
 B.S., Trinity College of Vermont
 M.B.A., Capella University

SALLY TIETJE Coordinator, VCT
 A.A.S., Temple College
 B.A., Oklahoma State University
 M.S.W., Washington University

CAMERON EDUCATION CENTER

JOHN BICKNELL Director, Cameron Center
 B.A., University of Arkansas
 M.Ed., University of Arkansas
 Ed.D., University of Arkansas
 National Certified Counselor
 National Certified Career Counselor

JOHN DEMSKY Office Manager, Cameron Center
B.A., The University of Texas at Austin
B.S., The University of Texas at Austin

VACANT Custodian, Cameron Center

TEMPLE COLLEGE TAYLOR CENTER

CHARLOTTE HERRON Office Manager, Taylor Center
B.S., Sam Houston State University

SHEILA BULLOCK Secretary, East Williamson County Higher Education Center
A.A.S., Temple College

LOUISE GORE Secretary IV
A.A.S., Lee College
B.S., University of Houston-Clear Lake

JAMILA ASHBURN Coordinator, Student and Enrollment Services, Taylor Center
A.A.S., Temple College

KIMBERELY TOWNSEND Technician, Admissions and Records, Taylor Center

CHRISS BROWN Advisor, Taylor Center
B.S., East Texas State University

ELEANOR CAIN Custodian, Taylor Center

TEXAS BIOSCIENCE INSTITUTE

DANIEL SPENCER Director, Texas Bioscience Institute (T.B.I.)
A.S., Illinois Valley Community College
B.A., Augustana College
M.S.H.P., Southwest Texas State University
Ed.D., Baylor University

ALICIA MCQUEEN Administrative Assistant
A.A.S., Temple College

KATIE BURROWS Department Chair, Biotechnology
B.S., University of Oklahoma
M.S., Creighton University
M.B.A., Baylor University

MARK DOHNALIK Coordinator, T.B.I.
A.A.S., Temple College

PAUL BURDA Research and Data Analyst, PT
A.A., Universidad Central
B.A., Hamlin University
M.A., University of Northern Iowa

COMMUNITY SERVICES AND BUSINESS TRAINING DIVISION

GRACIE CONNER Division Director, Business and Community Education
B.S., Texas Tech University
Post Graduate Work, Baylor University, Hardin-Simmons University

KATHY BRANDNER Director, Workforce Development
B.A., The University of Puget Sound

TYLER SMITH Director, Workforce Development
B.S., Southern Illinois University

LARESA TRUSTY Coordinator, Grants and Contracts
A.A.S., Temple College
B.S., Texas A&M

EMERITA ALMODOVAR Administrative Assistant, Community Education
A.A., Kingsboro Community College

SIARA MCMAHON..... Specialist, Community Education
B.S., Tarleton State University

FINE ARTS DIVISION

THOMAS FAIRLIE..... Division Director, Fine Arts
B.E., University of Toledo
M.M., University of Louisville

JAN BOGUCKI Administrative Assistant, Fine Arts
B.A., University of Minnesota

TIMOTHY J. KIDDER, SR. Technical Director, Performing Arts

PERFORMING ARTS DEPARTMENT

COLIN MASON..... Department Chair, Performing Arts
B.M., San Diego State University
M.M., Northern Arizona University
D.M.A., The University of Texas at Austin

ALLEN ALFORD Speech
B.A., Texas A&M University
M.A., University of Houston
Ph.D., Louisiana State University

RADHA BEERAM Humanities
B.A., SRI Venkateswara University
M.A., SRI Venkateswara University
Ph.D., SRI Venkateswara University

BRENT COLWELL..... Band Director/Music
B.M., Southwestern Oklahoma State University
M.S., Southern Oregon State University

MARY FAIRLIE..... Music
B.A., University of Toledo
M.M., Hardin-Simmons University

PRISCILLA SANTANA..... Music/Choral Director
B.A., The University of Texas at Austin
M.M., New York University

DEBRA KIRKLAND Speech
B.A.A.S., Stephen F. Austin State University
M.S., University of North Texas
A.B.D., Regent University

BENJAMIN M. IROM Music
B.A., University of California at Santa Cruz
M.A., University of California at Los Angeles
D.M.A., The University of Texas at Austin

TERI JOHNSON Music
B.M., University of Missouri
M.M., Converse College

SANDRA MILLER Speech/Technical Theatre
B.S., Kansas Newman College
M.A., Emporia State University
Post Graduate Work, Pittsburg State University

GARY B. SMITH..... Music
A.A., Mt. San Antonio College
B.M., California State University
M.A., California State University
Post Graduate Work, The University of Texas at Austin

VISUAL ARTS DEPARTMENT

MICHAEL DONAHUE.....Department Chair, Visual Arts
 A.A., Lee Junior College
 B.F.A., Stephen F. Austin State University
 M.A., Stephen F. Austin State University
 M.F.A., Stephen F. Austin State University
 Post Graduate Work, The University of Texas at Austin
 Texas Piper Professor Award for Teaching Excellence, 1993

ANDREWLENE VICKSecretary, Visual Arts

DAVID HANSEN.....Photography
 B.S., Southwest Texas State University

MARIANNE MCGRATHVisual Arts
 B.A., University of Colorado at Boulder
 M.F.A., University of Texas at Austin

HEALTH PROFESSIONS DIVISION

LINDA LEE OGBURN-RUSSELLAssociate Vice President, Health Professions
 B.S.N., Medical College of Virginia
 M.S.N., The University of Texas at Austin
 Ph.D., The University of Texas at Austin

LYNDA YOSTAdministrative Assistant, Health Professions

NEIL B. COKERDirector, S.T.A.R. Programs
 B.S., Texas A&M University
 Paramedic Certification, The University of Texas/Southwestern Medical Center

KIMBERLY ALSUPCoordinator, Clinical Simulation
 A.A., Temple College

BIOTECHNOLOGY DEPARTMENT

KATIE BURROWSDepartment Chair, Biotechnology
 B.S., University of Oklahoma
 M.S., Creighton University
 M.B.A., Baylor University

DENTAL HYGIENE DEPARTMENT

DIANE RINGRegistered Dental Hygienist
 B.S., University of Missouri-Kansas City
 M.A., University of Mary Hardin-Baylor

VACANTSecretary, Dental Hygiene/Diagnostic Medical Sonography

JOSIE RODRIGUEZSecretary, Dental Hygiene

KATE DARNELLDental Hygiene
 A.A.S., Hudson Valley Community College
 B.S., University of North Carolina
 M.S. Boston University

NORMA MAEDGEN.....Dental Hygiene
 A.S., Fones School of Dental Hygiene
 B.B.A., Southwestern University
 M.H.S.M., University of Mary Hardin-Baylor
 Ph.D., Texas A&M University

MELISSA MACHALEKDental Hygiene
 A.A.S., Wharton County Junior College
 B.S., Texas A&M Corpus Christi

ANDREA MADDUX.....Dental Hygiene
 B.S., School of Dental Hygiene Baylor University

DIAGNOSTIC MEDICAL SONOGRAPHY

WALTER STEVEN TRAWICKChair, Diagnostic Medical Sonography
 B.A., University of Phoenix
 M.B.A., University of Phoenix
 M.A., University of Phoenix

VACANT Secretary, Dental Hygiene/Diagnostic Medical Sonography

EMERGENCY MEDICAL SERVICES PROFESSIONS DEPARTMENT

JEFFREY DAVID FRITZDepartment Chair, Emergency Medical Services Professions
 B.S., Texas A&M University
 Paramedic Certification, Texas A&M University
 Post Graduate Work, Sam Houston State University

MARLYN GREENSecretary, Respiratory Care/EMS

DIANE SIMPSON QUINTANILLA Clinical Coordinator, Emergency Medical Services Professions

JASON VALDEZEmergency Medical Services Professions
 A.A.S., Pueblo Community College
 Paramedic Certification, Pueblo Community College

RESPIRATORY CARE DEPARTMENT

WILLIAM CORNELIUS IIIDepartment Chair, Respiratory Care
 A.A.S., Southwest Texas State University
 B.S., Southwest Texas State University
 M.H.S.M., University of Mary Hardin-Baylor
 Ed.D., Baylor University

MARLYN GREENSecretary, Respiratory Care/EMS

PAMELA RIEGELRespiratory Care
 Certificate of Completion, Midland College
 A.A.S., Odessa College

DAVID FRY Respiratory Care
 A.A.S., Temple College
 B.S., East Texas State University
 Post Graduate Work, Northeastern University

SURGICAL TECHNOLOGY DEPARTMENT

SHEILA DAVISInterim Department Chair, Surgical Technology
 A.A., High-Tech Institute Online
 Certified Surgical Technologist

ROSEMARY LAWSSecretary, Surgical Technology
 A.A., Temple College

NANCY WHITMIRESurgical Technology
 L.V.N., Hill College
 Certified Surgical Technologist

NURSING DIVISION ASSOCIATE DEGREE NURSING DEPARTMENT

KAREN ROBINSONDepartment Chair, Associate Degree Nursing
 B.S., Michigan State University
 M.A., Central Michigan University
 Post Graduate Work, Michigan State University

NANCY MILLERSecretary, Associate Degree Nursing

MIKE CALDWELLAssociate Degree Nursing
 B.B.A., Midwestern State University
 M.S.N., The University of Texas at Austin

CAROL CUMMINGSAssociate Degree Nursing
 B.S.N., University of Mary Hardin- Baylor
 B.S., University of Mary Hardin-Baylor
 M.A., University of Mary Hardin-Baylor

TERESA HEEMSBERGEN.....Associate Degree Nursing
 B.S.N., University of Mary Hardin-Baylor
 B.S., University of Mary Hardin- Baylor
 M.S.H.P., Southwest Texas State University

MEGHAN MONNEY.....Associate Degree Nursing
 B.S., University of Texas Health Science Center San Antonio
 M.S., Walden University

CLAUDIA TURNERAssociate Degree Nursing
 A.A.S., Galveston College
 B.S.N., The University of Texas School of Nursing
 M.S.N., The University of Texas Medical Branch

ABIGAIL WALLACEAssociate Degree Nursing
 A.A.S., McLennan Community College
 B.S.N., University of Mary Hardin-Baylor
 M.S., Texas Woman's University

GAYLE BLUM Associate Degree Nursing
 B.S.N., University of Mary Hardin-Baylor
 M.S., Texas Women's University

CYNTHIA BOLAJI Associate Degree Nursing
 B.A., Texas Southern University
 M.S.N., University of Texas

PATRICIA NEVINS Associate Degree Nursing
 A.A.S., University of Saskatchewan
 B.S., University of Phoenix
 M.S.N., University of Phoenix

VOCATIONAL NURSING DEPARTMENT

GREGORY BONDDepartment Chair, Vocational Nursing
 B.S., Texas A&M University
 B.S.N., University of Mary Hardin-Baylor
 M.S.N., University of Texas

ROSEMARY CHUDEJSecretary, Vocational Nursing

ROSEMARY BERUMEN.....Vocational Nursing
 A.A., Temple College
 B.S.N., The University of Texas at Arlington

ELIZABETH COLLINS.....Vocational Nursing
 B.S.N., University of Mary Hardin-Baylor

NANCY EATONVocational Nursing
 B.S.N., Baylor University

ROXANNE KEENERVocational Nursing
 B.S.N., University of Mary Hardin-Baylor
 M.S.H.P., Texas State University

EVELYN MALABONGAVocational Nursing
 B.S.N., University of Philippines
 M.S.N., Texas A&M University

CORINA NANCE Vocational Nursing
 B.S.N., Texas Tech University Health Sciences Center

TAYLOR VOCATIONAL NURSING

- CHARLES LEELead Instructor, Vocational Nursing, Taylor
 L.V.N., Temple College
 A.A.S., Excelsior College
- JAMES PINKERTONVocational Nursing, Taylor
 B.S.N., George Mason University
 M.S.N. George Mason University
- SARAH CZAP Vocational Nursing, Taylor
 B.S.N., University of Texas at Austin
- THERESA THIGPENSecretary, Vocational Nursing, Taylor

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 A.A., Worthington Community College
 B.S., University of Minnesota
 M.L.S., The University of Texas at Austin

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- KATHY FULTONDirector, Library Resources
 A.A., Worthington Community College
 B.S., University of Minnesota
 M.L.S., The University of Texas at Austin
- PAUL HAIRE Associate Director, Library Resources
 B.A., Baylor University
 M.L.S., The University of Texas at Austin
- TODD HIVELY Reference Librarian
 B.S. Ed., Baylor University
 M.L.I.S., The University of Texas at Austin
- CAROL T. FOXCoordinator, Public Services
 A.A., Temple Junior College
 B.S., University of Mary Hardin-Baylor
- SUSAN LANFORDSpecialist, Library
 B.A., University of Mary Hardin-Baylor

LIBERAL ARTS DIVISION

- SUSAN GUZMAN-TREVINODivision Director, Liberal Arts
 A.A., Temple Junior College
 B.S., University of Mary Hardin-Baylor
 M.Ed., The University of Texas at Austin
 Ph.D., The University of Texas at Austin
 Post Graduate Work, The University of Texas at Austin
- SYLVIA BARBER Administrative Assistant, Liberal Arts
 A.A.S., Indian River Community College
 B.S., Barry University

COMMUNICATIONS DEPARTMENT

- JOHN STEVENSDepartment Chair, Communications
 B.A., Felician College
 M.A., Creighton University
- SUE BERTOLEIT-VALDEZSpanish
 B.A., University of Illinois
 M.A.T., University of Illinois
 Post Graduate Work, University of Arizona, Rice University,
 The University of Texas at Austin, Texas Tech University, Universidad de Costa Rica
- DANIEL BUTTERWORTHEnglish
 B.A., Bethany College
 M.A., Texas Tech
 Ph.D., Texas Tech

HENRY CASTILLOEnglish
B.A., University of North Texas
M.L.A., Southern Methodist University

CHRISTOPHER CREGAREnglish
B.A., Columbia College
M.A., Northern Illinois University

SUSAN DEANEnglish
B.A., Sam Houston State University
M.A., Texas A&M University

ESTHER GUENATEnglish
B.A., Texas Tech University
M.A., Texas Tech University

ELAINE HERRICKEnglish
B.A., Jacksonville State University
B.S., Jacksonville State University
M.Ed., University of West Georgia
Ed.S., University of West Georgia
Post Graduate Work, University of Southern California,
University of Mary Hardin-Baylor

LINDSAY ILLICHEnglish
B.A., Texas A&M University
M.A., Texas A&M University
Ph.D., Texas A&M University

KERRY LAIRD English
B.A., Sul Ross State University
M.A., Sul Ross State University

C. RILEY OWENSEnglish
B.A., Howard Payne College
M.S., Baylor University

VALERIE PEYEREnglish
B.A., Texas State University
M.A., Texas State University

JOANNA SCOTTEnglish
A.A., Temple Jr. College
B.A., Southwest Texas State University
M.A., Southwest Texas State University
Post Graduate Work: University of Mary Hardin Baylor

SOCIAL AND BEHAVIORAL SCIENCES DEPARTMENT

JOANNA SCOTTDepartment Chair, Social and Behavioral Sciences
A.A., Temple Jr. College
B.A., Southwest Texas State University
M.A., Southwest Texas State University
Post Graduate Work: University of Mary Hardin Baylor

MELISSA BIEGERTHistory
B.A., Harvard University
M.A., Vanderbilt University
Ph.D., University of Texas at Austin

LINDA SHARON BURSONPsychology
B.S., Oklahoma State University
M.Ed., Mississippi State University
M.S., University of Central Texas
Ed.D., Mississippi State University
Post Graduate Work, Abilene Christian University,
University of Central Texas, University of Mary Hardin-Baylor,
The University of Texas at Austin

SANDRA CREECH.....Government
 B.S., University of Houston
 M.P.A., Southwest Texas State University
 Ph. D., Texas A&M University

JOHN ELLIS Economics
 B.S., Texas A&M University
 M.S., Texas A&M University
 Ph. D., Texas A&M University

WILLIAM FEAGIN, JR.....Government
 B.A., Sam Houston State University
 M.A., Sam Houston State University
 Post Graduate Work, University of Arizona,
 University of North Texas

DOUGLAS HALES.....History
 B.S., West Texas A&M University
 M.A., West Texas A&M University
 M.A., Texas Tech University
 Ph.D., Texas Tech University

TRACY LONG Government
 B.A., Texas Tech University
 M.A., Texas Tech University

GRETCHEN REILLYHistory
 B.A., Chestnut Hill College
 M.A., The College of William and Mary
 Ph.D., George Washington University

HEATHER NEWSOMEEconomics
 B.A., Baylor University
 M.S., Baylor University

SHANNON SINEGALGovernment
 B.A., University of Louisiana
 M.A., University of New Orleans

SHARON WARDENSociology
 B.A., Baylor University
 M.A., Baylor University

MICHAEL WHITEHistory
 B.S., Eastern New Mexico University
 M.Ed., University of Arkansas

DERRICK WILLIS.....Philosophy
 B.A., Morgan State University
 M.A., Duquesne University

STUDENT SUCCESS DIVISION

SHERI ASBURY Division Director, Student Success
 A.A., Temple College
 B.S., University of Mary Hardin-Baylor
 M.S., Tarleton State University

CAROL LANCE Administrative Assistant, Division of Student Success
 A.A.S. Temple College
 B.S., Tarleton University

ANJANETTE MESECKE.....Director of Special Projects, Retention Coordinator
 B.A., University of Mary Hardin-Baylor
 M.A., University of Mary Hardin-Baylor

ALISON GARZA Mathematics
 B.S., Texas A&M University
 M.S., Texas A&M University

FORREST MARLER.....Mathematics

B.S., Sam Houston State University
M.Ed., Sam Houston State University

FRANKE GRACIA Mathematics

B.S., University of Texas Pan American
M.S., University of Texas Pan American

DANIEL HERMANNMathematics

B.A., Angelo State
M.S., Texas Tech

PAULA TALLEY Mathematics

B.A., The University of Texas at Austin
M.S., The University of Texas at Austin

LINDA S. BARNES..... TEAMS Corrdinator

A.A.S., Temple College
A.A., Temple College

PATRICK FINNEGANCoordinator, Adult Basic Education/Perkins

A.S., Central Texas College
B.S., American Tech University
M.S., American Tech University

PAM LOW Learning Specialist

B.A., Illinois State University

CANDACE RASMUSSEN.....Reading Specialist, Reading

M. Ed., West Texas A&M
Ed.D., Texas Tech University

TRIO DEPARTMENT

TINA MARSH..... Director, TRIO

B.A., The University of Texas-El Paso
M.S., Capella University

GLORIA GUARDIOLAAdvisor/ Counselor, TRIO

B.A., Baylor University
M.S., Baylor University

DEBBI OWENS.....Secretary, TRIO

MATHEMATICS, SCIENCES, AND PHYSICAL EDUCATION DIVISION

PAUL FOUTZDivision Director, Mathematics, Sciences and Physical Education

B.S., Southwest Texas State University
M.S., Southwest Texas State University
Ph.D., The University of Texas at Austin

SUSAN CLOWERS.....Administrative Assistant, Mathematics, Sciences,
and Physical Education

BIOLOGY DEPARTMENT

TERRY AUSTIN.....Department Chair, Biology

B.S., Midwestern State University
M.S., Midwestern State University
Post Graduate Work, University of North Texas

CRAIG BURNSIDE.....Biology

B.S., Rutgers University
M.S., University of Texas Arlington
Ph.D., University of Texas Arlington

KIMBERLEY CLAWSONBiology

B.S., University of Texas at Austin
M.S., Tarleton State University
Postgrad Certificate Michigan State University

SCOTT CLEMENTBiology

B.A., Angelo State University

B.S., Angelo State University

M.S., Angelo State University

SHANNON HILL..... Biology

A.A.S., Roane State Community College

B.A., East Tennessee State University

M.A.T., East Tennessee State University

Ph.D., Texas A&M University

SUDEEP MAJUMDAR.....Biology

M.B.B.S., Jawaharlal Institute of Post-Graduate Medical Education & Research

Ph.D., Texas A&M University

JASON LOCKLIN.....Biology

A.A., Temple College

B.S., Southwest Texas State University

M.S., Southwest Texas State University

Ph.D., Baylor University

RALPH HICKSBiology

A.A., Temple College

B.S., Sam Houston State University

M.S., Texas A&M

Post Graduate Work, Texas A&M

EDUARDO SALAZAR.....Biology

B.S., Universidad Autonoma Metropolitana

M.S., University of North Texas

Ph.D., University of North Texas

TRACY SCHAFERBiology

B.S., Midwestern State University

M.S., Midwestern State University

MARIE KLINE Lab Coordinator Biology, Biotechnology, Chemistry

B.A., Howard Payne University

Post Graduate Work, University of Texas at Austin

SEENA JITHENDRANScience Lab Coordinator

B.S., Bombay University

CHEMISTRY AND PHYSICAL SCIENCE DEPARTMENT

SHARON HOFFMANDepartment Chair, Chemistry, Physics, and Engineering

B.S., Midwestern State University

Ph.D., The University of Texas at Austin

JOHN C. WHITEChemistry

A.A., Temple Junior College

B.S., Texas A&M University

M.B.A., Stephen F. Austin State University

M.A., The University of Texas at Austin

Ph.D., Texas Tech University

JOHN MCCLAIN.....Physics

A.A., College of the Mainland B.S., Sam Houston State University

M.S., Texas A&M University

Ph.D., Texas A&M University

MARYANN SOREYChemistry

B.A., Rhodes College

M.S., University of New Mexico

M.S., University of Texas at Austin

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

PAM LEE Department Chair, Health and Physical Education

B.S., Niagara University

M.A., Sam Houston State University

KIRBY JOHNSON.....Health and Physical Education/Men's Basketball Coach
B.S., Texas Tech University
M. Ed., Texas Tech University

MARY REESE Health and Physical Education/Coach, Volleyball
A.A.S., Temple College
B.S., Prairie View A&M University
M.S., Prairie View A&M University

KIMBERLY KAY SEBEK.....Health and Physical Education/Women's Basketball Coach
A.A., Tyler Junior College
B.S.Ed., University of Alabama - Birmingham
M.S.Ed., The University of Texas at Tyler

KRISTEN ZALESKIHealth and Physical Education/Women's Softball
B.S.C.J., Texas State University

MATHEMATICS DEPARTMENT

CYNTHIA MARTINEZDepartment Chair, Mathematics
B.A., Angelo State University
M.Ed., The University of Texas at Austin

MARY HATSELL.....Mathematics
A.A. Temple College
B.S., University of Mary Hardin-Baylor
M. S., Tarleton State University

FRANKE GRACIAMathematics
B.S., University of Texas Pan American
M.S., University of Texas Pan American

DANIEL HERMANNMathematics
B.A., Angelo State
M.S., Texas Tech

PAULA TALLEYMathematics
B.A., The University of Texas at Austin
M.S., The University of Texas at Austin

STEWART FULTON.....Mathematics
B.A., The University of Texas at Austin
M.S., Idaho State University
Post Graduate Work, University of Arkansas, Sam Houston State University

RANDELL SIMPSON.....Mathematics
A.A., Temple Junior College
B.A., Sam Houston State University
M.A., Baylor University
M.S., Texas Christian University

STUDENT ENROLLMENT SERVICES DIVISION

CAREY ROSE.....Interim Division Director Student & Enrollment Services
B.S., Park University
M.S., Troy State University

CHERYL ROBINSONOffice Manager, Student Services
A.A., Temple College

ADRIAN SORA Director, Recruitment and Retention
B.B.A., Texas A&M University, Kingsville
M.S., Capella University

BRANDI HAYNES Coordinator, Recruiting Programs
B.B.A., Prairie View A&M University

GREGORY BOHNER..... Director of Student Accommodations
B.S., William Jewell College
M.A., University of Mary Hardin-Baylor

RUTH BRIDGES Director, Student Life
 A.A.S., Temple College
 B.A., Huston-Tillotson College
 M.A., Prairie View A&M University

KATRAYA WILLIAMS Coordinator, Veterans Affairs
 B.B.A., University of Louisiana at Monroe
 M.B.A., Prairie View A&M University

ADMISSIONS AND RECORDS

CAREY ROSE Director, Admissions and Records
 B.S., Park University
 M.S., Troy State University

TONI CUELLAR Associate Director, Admissions and Records
 B.A., University of Mary Hardin-Baylor
 M.S., Tarleton State University at Central Texas

DAWN DITTO Technician, Admissions and Records

EVA GARCIA-OLIVARRI Specialist, Admissions and Records
 A.A.S., Temple Junior College

VICKI HANAWAY Specialist, Admissions and Records
 A.A.S., Temple College

CHERRY MCBRIDE Specialist, Admissions and Records
 A.A.S., Temple College
 A.A., Temple College

STEPHANIE PARUM Specialist, Admissions and Records
 A.A., Odessa College

MARCUS ROBINSON Specialist, Admissions and Records

BENITA WRIGHT Specialist, Admissions and Records
 A.A.S., Temple Junior College

SARAH LOWE Specialist, Admissions & Records
 A.A., Upper Iowa University

Advising office

AMY FLINN Director, Advising
 B. A., St. Mary's University
 J.D., The University of Texas

DAMINEK MILLER Secretary III, Advising
 A.A., Temple College

SARAH ARTUS e-advisor/Academic Advisor

MARY ANN RAY Academic Advisor
 B.J., The University of Texas at Austin

FINANCIAL AID

FEDERICO PENA JR. Director, Financial Aid
 B.A., University of Texas at Brownsville

INGEBORG SCHEY Associate Director, Financial Aid
 B.A., Iowa State University of Science and Technology
 M.S., Iowa State University of Science and Technology

KERI CARLILE Office Assistant, Financial Aid

PATRICIA GOODMAN Advisor, Financial Aid
 A.A.S., Temple College

VACANT Call Center, Financial Aid

RACHAE OLLISON Specialist, Financial Aid

ALISA JIMENEZ Advisor, Financial Aid
A.A., Temple College

CHRISTA QUIGLEY Advisor, Financial Aid
A.A.S., SUNY-Empire State College
B.S., SUNY-Empire State College

KAYE HAUDEK Call Center, Financial Aide

TESTING CENTER

ANNA MACHALEK Director, Testing Center
A.A.S., Temple Junior College
B.G.T., University of Mary Hardin-Baylor

ANGELITA YBARRA Specialist, Testing
A.A.S., Temple Junior College

BUSINESS AND CAREER PROFESSIONS

TALMA BOTTS Division Director, Business and Career Professions
A.A.S., Temple Junior College
B.A.S., University of Mary Hardin-Baylor
M.S., University of Central Texas
Ed.D., Baylor University

TERESA TAYLOR Administrative Assistant, Business and Career Professions
A.A., Temple College

BUSINESS/GENERAL AND BUSINESS/MANAGEMENT DEPARTMENT

CARLYE WEBER Department Chair, Business and Management
B.J., The University of Texas at Austin

JESSICA REYES Business and Management
B.A.A.S., Southwest Texas State University
M.S.I.S., Southwest Texas State University

MISTY LENOX Business and Management
B.B.A., Sam Houston State University
M.B.A., Sam Houston State University

PAM CHANDLER Business and Management
B.B.A., Texas State University
M.B.A., Texas State University

ALYSON CROW Business and Management
B.B.A., Texas A&M University
M.S., Texas A&M University

COMPUTER-AIDED DESIGN DEPARTMENT

STEVE TAYLOR Computer-Aided Design
A. A., Temple Junior College

COMPUTER INFORMATION SYSTEMS DEPARTMENT

TALMA BOTTS Department Chair, Computer Information Systems
A.A.S., Temple Junior College
B.A.S., University of Mary Hardin-Baylor
M.S., University of Central Texas
Ed.D., Baylor University

BARBARA CARPENTER Computer Information Systems
A.A.S., Temple Junior College
B.A.S., University of Mary Hardin-Baylor
M.S., University of Central Texas

ROBERT CRAIG COLLINS Computer Information Systems
 A.A.S., South Plains College
 B.B.A., Eastern New Mexico University
 M.S., Texas Tech University

JERRY GARRETT Computer Information Systems
 B.S., University of North Texas
 M.S., East Texas State University

TAWNY LAMB Computer Information Systems
 B.S., Troy State University
 M.S., Northwestern State University

CHILD DEVELOPMENT DEPARTMENT

GAIL COX Department Chair, Child Development
 A.A.S., Central Texas College
 B.S., University of Central Texas
 M.S., University of Central Texas
 A.B.D., Texas Woman's University

EDUCATION DEPARTMENT

GAIL COX Department Chair, Education
 A.A.S., Central Texas College
 B.S., University of Central Texas
 M.S., University of Central Texas
 A.B.D., Texas Women's University

CRIMINAL JUSTICE DEPARTMENT

LESLEY KEELING-OLSON Department Chair, Criminal Justice
 A.A., Temple College
 A.A.S., Temple College
 B.A., Baylor University
 M.C.J., Tarleton State University
 Master Peace Officer
 Ed.D., University of Mary Hardin-Baylor

STEPHEN PHELPS Criminal Justice Instructor / CTE Veteran & Military Student Liaison
 A.A., Temple College
 B.S., Tarleton University
 M.C.J., Tarleton University

PAMELA JACKSON Criminal Justice
 B.S., University of Houston
 M.A. Sam Houston State

PATRICK FINNEGAN Technician, Criminal Justice
 A.S., Central Texas College
 B.S., American Tech University
 M.S., American Tech University

POLICE ACADEMY

JOHN BRIGGS Training Coordinator, Police Academy
 B.S., University of Central Texas

ACADEMIC AND COMMUNITY INITIATIVES

ROBBIN RAY Interim Associate Vice President of Community Initiatives and
 B.S., University of Mary Hardin-Baylor Special Programs
 M.B.A., University of Mary Hardin-Baylor
 Ed.D., University of Mary Hardin-Baylor

SUZANNE PRICIN Office Manager, Academic and Community Initiatives
 A.A.S., Temple Junior College

TECH PREP CONSORTIUM

SHERRY HOLLINGER Director, Central Texas Tech Prep Consortium
 B.S., The University of Texas at Arlington

MISTY HARRELL Outreach Coordinator, Central Texas Tech Prep Consortium
B.A., University of Mary Hardin-Baylor
M.S., Tarleton State University

TECH-PREP/ DATA COLLECTION PROJECT

RITA JOHNSON Office Coordinator, Evaluation and Assessment/Tech-Prep

DIANE BARNES Tech Prep Research and Data Technician
A.A.S., Temple College
B.A., Rice University

ADMINISTRATIVE SERVICES

GARY JACKSON Interim Vice President, Administrative Services Chief Financial Officer
A.A.S., Temple Junior College
B.S., University of Mary Hardin-Baylor
M.B.A., University of Mary Hardin-Baylor

CINDY SCHNEIDER Office Manager, Administrative Services

GENERAL LEDGER ACCOUNTING SERVICES

BARBARA RUBINO Director, Accounting Services
A.A., Temple Junior College
B.B.A., University of Mary Hardin-Baylor

HARRIETT JUERGENS Technician, Accounting Services

JANICE MANGUM Coordinator, Asset Management
B.B.A., University of Houston

IRENE SMITH Accountant I
B.B.A., University of Mary Hardin-Baylor

STUDENT AND REVENUE ACCOUNTING SERVICES

DIANNE McCLURE Director of Student and Revenue Accounting Services
A.A., Temple Junior College
B.B.A., University of Mary Hardin-Baylor
M.B.A., Tarleton State University

LISA MESECKE Associate Director, Student Accounts
A.A.S., Temple Jr. College

VACANT Student Accounts

DEBORAH ERCHULL Specialist, Accounting Services

WARREN HILLMAN Specialist, Accounting Services

PHYSICAL PLANT

SKEET POWELL Director of Facilities, Construction/Facilities Planning

CHARLOTTE BALES Events Coordinator/Office Manager, Physical Plant/EPA (PT)

MICHAEL HAAS Mechanic III, Maintenance

DAVID SIMEK Master Trade Foreman, Carpenter

LAMONT STOKES Master Trade Specialist, Plumbing

HOLLY THORNAL Master Trades Foreman

REID LEWIS Horticulturist

BARBARA ELLIOTT Lead Custodian

LINDA BAUMGARTNER Custodian
 HERMINA CABRERA Custodian
 ELEANOR CAIN Custodian, Taylor
 GAVINA MENDOZA Custodian
 CONNIE MENDOZA Custodian
 JEANETTE NOEL Custodian
 LANCE ALSUP Grounds
 GEORGE DAVIS Grounds Tech III
 KENNETH FURST Carpenter, Facilities Maintenance
 LARRY WILEY Grounds/Custodian
 JACK EDWARDS Carpenter, Facilities Maintenance

ENVIRONMENTAL PROTECTION AGENCY

SEENA JITHENDRAN EPA
 B.S., Bombay University
 CHARLOTTE BALES (PT) EPA

PURCHASING DEPARTMENT

DEBORAH SVAJDA Director, Purchasing
 A.A., Temple Junior College
 SHARON OWEN Secretary, Purchasing
 A.A., Emporia State University
 ELIZABETH ARNOLD Coordinator, Accounts Payable
 A.A.S., Temple Junior College
 VACANT Specialist, Accounts Payable

INFORMATION SERVICES DIVISION

GARY JACKSON Associate Vice President of Finance, Information and
 A.A., Temple Junior College Technology Services and Chief Information Officer
 A.A.S., Temple Junior College
 B.S., University of Mary Hardin-Baylor
 M.B.A., University of Mary Hardin-Baylor
 SHARON OWEN Secretary, Information Technology Services
 A.A., Emporia State University
 ALAN LYTLER Director, Data Systems
 A.A., Temple Junior College
 A.A.S., Temple Junior College
 B.A.S., University of Mary Hardin-Baylor
 RANDALL ROBERTS Director, Networks and Telecommunications
 A.A.S., Temple College
 DONNIE CARPENTER Senior Director, IT Services
 B.A., University of Mary Hardin-Baylor
 NELL DEES Database Administrator
 A.A.S., Temple Junior College

RICHARD GOMEZ	Network/Hardware Analyst I, Computer Support
A.A.S., Temple College	
A.A.S., Temple College	
B.A.S., University of Mary Hardin-Baylor	
Cisco Certification	
DINH LAM	Analyst I, Telecom
A.A.S., Institut Universitaire de Technologie de Nice, France	
BRANDEN SEIDEL	Technician II, Computer Support
A.A.S., Temple College	
CHRISTOPHER HUGO	Technician II, Computer Support
A.A.S., Texas State Technical College	
CHARLES TEAKELL	Database Analyst II
A.A.S., Temple College	
Computer Systems Information Certification	
MARY MARTINEZ	Specialist, Help Desk
A.A.S. Temple College	
VACANT	Specialist, Help Desk
TINA LYONS	Database Analyst I
A.A.S., Temple College	
A.A.S., Temple College	
BARBARA DOSTAL	Assistant, Computer Lab
A.A.S., Temple College	
CATHY COE	Computer Hardware Lead
LEONARD EVANS	Coordinator, Logistics and Auxiliary Services
A.A.S, Trident Technical College	
HOLLY BROWN	Specialist, Mail Room
A.A., Temple College	
B.B.A., University of Mary Hardin-Baylor	
ELISEO ARRIAGA	Mail Courier
A.A., Penn Valley Community College	

RESOURCE MANAGEMENT DIVISION

RANDOLPH P. BACA	Associate Vice President, Resource Management
A.A., University of New Mexico, Gallup	
Dual B.B.A., University of New Mexico, Albuquerque	
M. S., Tarleton State University	
Ed.D., University of Mary Hardin-Baylor	
Professional in Human Resources (PHR) Certification	
VACANT	HR Office Assistant (PT)

CAMPUS POLICE

DAVID BLANKEMEIER	Chief of Police - Campus Safety
A.A.S., Temple Junior College	
A.A.S., Temple Junior College	
B.A.S., Southwest Texas State University	
MICHAEL MARKUM	Sergeant
A.A., Temple College	
ANTHONY CHUDEJ	Police Officer
MARY DIXON	Police Officer
TINA HODON	Police Officer
ALBERT MANIGO	PT Police Officer

JASON WILKINSON Police Officer

STEVEN BYRD PT Police Officer
Master Peace Officer

GEORGE LYONS Parking Attendant

HUMAN RESOURCES

RANDOLPH P. BACA Associate Vice President, Resource Management
A.A., University of New Mexico, Gallup
Dual B.B.A., University of New Mexico, Albuquerque
M.S., Tarleton State University
Ed.D., University of Mary Hardin-Baylor
Professional in Human Resources (PHR) Certification

MONICA LEFNER Associate Director, Human Resources
B.B.A., University of Mary Hardin-Baylor

VACANT HR Office Assistant (PT)

CHRISTINA WILLIAMS Administrative Assistant II, HR/Payroll
A.A.S., Thomas Nelson Community College
B.A., Saint Leo University

RACHEL REYNOLDS Administrative Assistant II, Administrative Assistant II, Payroll/HR

BOOKSTORE

ANGELA MORGAN Manager

INSTITUTIONAL ADVANCEMENT

JENNIFER GRAHAM Executive Director, Temple College Foundation
B.A., University of San Diego
M.A., University of Phoenix

SHERIE GARRETT Coordinator, Temple College Foundation

ANDRES OLALDE Office Assistant, Temple College Foundation

EMERITI

K. LOUISE BARTEK	Nursing	1988-2001
ROSE ANNE BRASHER	Director of Library Services	1956-1995
LEIGH BOYD	Division Director, Liberal Arts	1988-2005
BETTY I. BUFORD	Psychology	1974-1989
ESTHERBELL CAESAR	English	1972-2001
WELDON G. CANNON	History	1967-1991
STANLEY W. CHURCHILL	Dean, Vocational and Technical Education	1967-1988
GLADYS COBB	Nursing	1996-2001
A. D. COURTNEY	Medical Record Technology	1973-1986
WAYNE CRISWELL	Vice President, Administrative Services	1993-2010
ROWE ANN DURANT	Mathematics	1966-1986
HARRY C. FARRELL, JR.	Dean of College	1961-1981
MARY D. FARRELL	History	1966-1986
ODIE FAULK	History	1991-1995
MARVIN FELDER	President	1973-1995
PERCY A. FRANCIS	Vice President for Business Services	1973-1993
ANN FRAZIER	Computer Information Systems	1961-1988
JAMES GRANGER	Physics	1999-2009
ANNETTA GRIFFIN	Chemistry	1964-1991
DOROTHY HARRISON	Business Administration	1973-1987
GWEN HAUKE	Vice President of Educational Services	1970-2004
PRISCILLA HEARD	Music	1974-1988
LARRY HENNIG	phed/softball coach	1998-2010
BILL HERMON	Business and Management	1968-2001
MELVA HOBBS	Business Administration	1967-1996
SUSAN HOWE	Director, College Communications	1976-2010
PATRICIA BELL-LANFORD	English	1989-2001
RONALD RAY LANFORD	Director, Distance Education	1986-2006
VIRGINIA LEAK	Nursing	1980-2007
CAROL JEAN LEWIS	Business Administration	1979-1992
WILMA LEWIS	English	1964-1991
BENJAMIN LILES	Biology	1994-2004
KENT MACDOUGALL	Mathematics	1975-2008
BOBBIE MARSHALL	Sociology	1970-1994

MARY ALICE MARSHALL	Music	1958-1973
WILLIAM MATUSH	Director of Student Union.....	1968-1988
JOHN MEHARG	Economics	1964-1996
EDWARD MORGAN	Biology	1974-2009
MARLIN MOSLEY	Business	1999-2007
MARC A NIGLIAZZO	President.....	1995-2008
ANNE P. NEWTON	Biology	1947-1994
GLENDA PARKER	Nursing	1976-2006
WALT PAUL	Vice President for Academic and Student Affairs.....	1974-1996
CAROL REINKING	Surgical Technology	1983-2008
ROBERT SCHLIEKER	Chemistry	1969-2001
CHARLES SCHLIEPER	Electronics Technology	1979-1996
KAY SCHLIEPER	Computer Information Systems.....	1980-2000
DANNY J. SCOTT	Health and Physical Education	1965-1996
JANICE SHANAHAN	Nursing	1987-1992
ELIZABETH SILVERTHORNE	English.....	1966-1979
CHARLOTTE SIMPSON	Mathematics	1986-2000
PAT SIMPSON	Biology	1969-2000
PATRICIA SMITH	Director, Workforce Development	1978-2005
SHIRLEY SOMMER	Business Administration	1968-1996
AMY SMITH	Art	1985-2007
CHARLES STOUT	Dean of Public and Corporate Services	1963-2000
SARAH NELL SUMMERS	Music	1983-2007
WAYNE TOONE	Theatre/Speech.....	1975-1996
JAMES VAN NESS	Dean of Instruction.....	1982-2000
Hal Ward	Division Director, Business and Management	1977-2009
FRANK WARREN	Manufacturing Technology.....	1977-1998
BILLYE WEAVER	Department Chair, Medical Lab Technology.....	1983-2005
GLENN WEBSTER	Radio and TV.....	1967-1991
HAROLD WHITTINGTON	Government.....	1965-1990
WILLIAM WILLIS	Physical Education	1978-2004
JAMES WININGER	Respiratory Care	1979-2007

**DENTAL HYGIENE COMMUNITY
PROFESSORS**

DONALD CHILES, DDS
Oral Maxillofacial Surgeon

AMANDA TROTTER, DDS
Pediatric Dentist

WILLIAM CAIN, DDS, MD
Oral Maxillofacial Surgeon

DEBORAH STEVENS, DDS
Practicing Dentist

DR. THOMAS BARKER, DDS
Periodontist

LANCE READ, DDS
Oral Maxillofacial Surgeon

SANDY TESCH, RDH, MSHP
Public Health Dental Hygienist

JANET OUELLETTE, DDS
Practicing Dentist

**EMERGENCY MEDICAL SERVICES
COMMUNITY PROFESSORS**

ROBERT D. GREENBERG, M.D., F.A.C.E.P.
B.S. Northeast Louisiana University
M.D., Louisiana State University
Medical Center
Emergency Medicine Residency,
University of Cincinnati Hospital

JEFF JARVIS, M.D.
Medical Director,
EMS Professions
B.A., Texas A&M University
M.S., New York Medical College
M.D., University of Texas
Medical Branch at Galveston
Emergency Medicine Residency,
Scott and White Hospital

NURSING COMMUNITY PROFESSORS

STACY DUNN, RN
Scott & White Hospital

PATTY CAPLINGER, RN
Scott & White Hospital

DONNA TENNESEN, RN
Scott & White Hospital

LINDA LOFTIN, RN
Scott & White Hospital

PHYLLIS TIPTON, RN
Scott & White Hospital

LESA MURRAY, RN
Central Texas Veterans Health Care System

ROBYN HURST, RN
Scott & White Hospital

GAYLA HERSCHLER, RN
Scott & White Hospital

SONDRA NICHOLSON, RN
Scott & White Hospital

TARA ENGLAND, RN
Belton Independent School District

DIANNA SARGENT, RN
Belton Independent School District

JEFF PICK, RN
Scott & White Hospital

REBECCA PALMISANO, RN
Scott & White Hospital

REBECCA RISER, MD
King's Daughters Clinic

ALICIA PANTHER, RN
Belton Independent School District

BARBARA HAIRSTON, RN
Belton Independent School District

SERESEA MITCHELL, RN
Scott & White Hospital

HEATHER VYBIRAL, RN
Scott & White Hospital

JENNIFER HAVENS, RN
Scott & White Hospital

KARRI VAN ROSSUN, RN
Scott & White Hospital

ERIN NOEL, RN
Scott & White Hospital

HEATHER RODEN, RN
Scott & White Hospital

THOMAS DAVIS, CRNA
Scott & White Hospital

FRANK JAWORSKI, CRNA
Scott & White Hospital

JUDITH CROWLEY, CRNA
Scott & White Hospital

SUMMER LAWLIS, CRNA
Scott & White Hospital

DONNA GORDON, CRNA
Scott & White Hospital

SARAH CHAPIN, RN
Scott & White Hospital

RENAE RINN, RN
Scott & White Hospital

GEORGIA BOGART, RN
Scott & White Hospital

JANICE HARRIS, RN
Scott & White Hospital

JOHNNIE BENNETT, RN
Scott & White Hospital

KIMBERLY HUDSON, RN
Scott & White Hospital

MARIE ANDERSON, RN
Central Texas Veterans Health Care System

CATHY HAISLER, RN
Scott & White Hospital

CINDY WHITE, RN
Belton Independent School District

DEBRA HANDLEY, RN
Belton Independent School District

MELINDA WOODEN, RN
Belton Independent School District

RACHEL KENDRICK, RN
Scott & White Hospital

GLADYS DYER, RN
Scott & White Hospital

ALANA DOSKOCIL, RN
Scott & White Hospital

ELIZABETH MATTSON, MD
King's Daughters Clinic

MICHAEL NICHOLS, RN
Scott & White Hospital

JACK STEPHENS, RN
Scott & White Hospital

EDUARDO MAQUEDA, RN
Johns Community Hospital

MARY ELLEN WELCH, RN
Johns Community Hospital

TINA STEFEK, RN
Johns Community Hospital

PATRICK LANGAN, RN
Doctor's Express

KIM FARAONI, RN
Doctor's Express

CYNTHIA PAJESTKA, RN
Rogers Health Center

BRENDA MORTON BEARD, RN
Scott & White Hospital

DEBRA CRAVELL, RN
Scott & White Hospital

KATHY ORTEGA MEARS, RN
Scott & White Hospital

DONNA MARIE BATES, RN
Scott & White Hospital

ANDREA AILEEN DORMAN, RN
Scott & White Hospital

SHARON GAIL OLDAKER, RN
Scott & White Hospital

JEANNE S. LOWRANCE, RN
Scott & White Hospital

CARSTEN WIEMKEN, RN
Scott & White Hospital

LOIS INGRAM, RN
Scott & White Hospital

ROBYN FIGUEROA, RN
Scott & White Hospital

LINDSAY BROUSSARD, RN
Scott & White Hospital

JESSICA RICHTER, RN
Scott & White Hospital

PATRICIA HAGAN, RN
Scott & White Hospital

DAWN PECHEL, RN
Scott & White Hospital

JENELLE DURBIN, RN
Scott & White Hospital

MELINDA LAPRADE
Scott & White Hospital

RESPIRATORY CARE COMMUNITY PROFESSORS

CAROLYN ANDERSON, RRT
Staff Therapist
CTVHCS

SANDRA DAVIS, RRT
Staff Therapist
CTVHCS

JOHN DROZD, RRT
Staff Therapist
CTVHCS

KAREN JAMES, RRT
Staff Therapist
CTVHCS

MARY KOEHL, RRT
Supervisor, Respiratory Therapy
CTVHCS

BERTHA MILO, RRT
Staff Therapist
CTVHCS

CAROLYN PERRY, RRT
Staff Therapist
CTVHCS

PAWAN SIKKA, MD
Medical Director,
Central Texas Sleep
Disorders Center
CTVHCS

TRACEY STEWART, RRT
Staff Therapist
CTVHCS

TYREE WHITE, RRT
Staff Therapist
CTVHCS

WILLIAM WRISK, RRT
Staff Therapist
CTVHCS

MARY JANE PLAZOLA, RRT
Staff Therapist
Coryell Memorial Hospital

PAUL RAMBEAU, RRT
Director, Cardiopulmonary
Coryell Memorial Hospital

MELONY ALFORD, RRT
Clinical Coordinator
Metroplex Hospital

NIA AMOS, RRT
Staff Therapist
Metroplex Hospital

ZULMA GONZALEZ, CRT
Staff Therapist
Metroplex Hospital

STEVE HAVARD, RRT
ER Therapist
Metroplex Hospital

MARY WILKINS, CRT
Staff Therapist
Metroplex Hospital

TIFFANY WOLF, RRT
Staff Therapist
Metroplex Hospital

PEGGY ALDRIDGE, CRT
Staff Therapist
St. David's Georgetown Hospital

CHRIS BROCK, RRT
Staff Therapist
St. David's Georgetown Hospital

DOMINIC DEKERETRY, MD
Pulmonary Staff Physician
St. David's Georgetown Hospital

ESTHER FIELDS, MD
Pulmonary Staff Physician
St. David's Georgetown Hospital

CHERYL FLORENCE, CRT
Staff Therapist
St. David's Georgetown Hospital

GARY SCHLEE, RRT
Staff Therapist
St. David's Georgetown Hospital

CHRISTOPHER WHELCHER, RRT-NPS, AE-C
Supervisor Respiratory Care
St. David's Georgetown Hospital

LYNN CASTORENA, RRT
Manager, Cardiopulmonary
St. David's Round Rock Medical Center

SHARON CRANK, RRT
Staff Therapist
St. David's Round Rock Medical Center

DELIA GARCIA, RRT
Staff Therapist
St. David's Round Rock Medical Center

CAROL GONZALEZ, RRT
Staff Therapist
St. David's Round Rock Medical Center

JENNIFER GUDERYAHN, RRT
Staff Therapist
St. David's Round Rock Medical Center

PATINA HALEY, RRT
Staff Therapist
St. David's Round Rock Medical Center

LORAIN HODGE, RRT
Staff Therapist
St. David's Round Rock Medical Center

ALDRIAN JOHNSON, RRT
Staff Therapist
St. David's Round Rock Medical Center

KIM NELSON, RRT
Staff Therapist
St. David's Round Rock Medical Center

JEDIDAA SHABAZ-YORK, RRT
Staff Therapist
St. David's Round Rock Medical Center

JAMIE SEWALSON, RRT
Staff Therapist
St. David's Round Rock Medical Center

KATHRYN TALLY, RRT, BSRC
Staff Therapist
St. David's Round Rock Medical Center

ELIZABETH VAELLO, RRT
Staff Therapist
St. David's Round Rock Medical Center

MIKE GALVAN, RRT
Director, Respiratory Care
Continuing Care Hospital
Scott & White

CRYSTAL ANDERSON, RRT
Staff Therapist
Continuing Care Hospital
Scott & White

ANGELA BRUNAUGH, RRT
Staff Therapist
Continuing Care Hospital
Scott & White

LADONNA KELLEY, RRT
Staff Therapist
Continuing Care Hospital
Scott & White

VICTOR LANDEROS, RRT
Staff Therapist
Continuing Care Hospital
Scott & White

BRENDA PRYZBILSKI, RRT
Staff Therapist
Continuing Care Hospital
Scott & White

MELISSA VRISENO, RRT
Staff Therapist
Continuing Care Hospital
Scott & White

ALEJANDRO ARROLIGA, MD
Director, Pulmonary Division
Pulmonary Staff Physician
Scott & White

CARL BOETHEL, MD
Pulmonary Staff Physician
Scott & White

HOLLY BOLT, RRT
Staff Therapist
Scott & White

TANYA FOSTER, RRT
Staff Therapist
Scott & White

CARA GOTT, RRT
Coordinator, Respiratory
Care Services
Scott & White

KIM GRIMM, RRT
Staff Therapist
Scott & White

KAREN HARTFIELD, RRT
Staff Therapist
Scott & White
VIRGINIA KELSEY, RRT, BSRC
Staff Therapist
Scott & White

SHAD PELLIZZARI, RRT
Director, Respiratory Care Services
Scott & White

THERESA McINTYRE, CRT
Staff Therapist
Scott & White

KEITH MOUSER, RRT
Coordinator, Respiratory
Care Services
Scott & White

DENNIS MYERS, MD
Pulmonary Staff Physician
Scott & White

MILES OAKLEY, RRT
Staff Therapist
Scott & White

JENNA O'BRIEN, MD
Medical Director
Respiratory Care Services
Scott & White

WILLIAM PETERSEN, MD
Medical Director
Temple College Department of
Respiratory Care
Pulmonary Staff Physician
Scott & White

CHRIS SPRADLEY, MD
Pulmonary Staff Physician
Scott & White

ANGELA WALLIS, RRT
Staff Therapist
Scott & White

DERRICK WATSON, RRT
Staff Therapist
Scott & White
JEFF WATSON, RRT
Education Coordinator
Respiratory Care Services
Scott & White

SARAH WHITE, RRT
Staff Therapist
Scott & White

ISAAC BRAUN, RRT
Staff Therapist
University Medical Center
Scott & White

MYSTIE KARGE, RRT
Staff Therapist
University Medical Center
Scott & White

STEPHANIE NUNLEY, RRT
Staff Therapist
University Medical Center
Scott & White

KIM PURSER, RRT
Staff Therapist
University Medical Center
Scott & White

JEREMY SMITHERMAN, RRT
Director, Respiratory Care
University Medical Center
Scott & White

SURGICAL TECHNOLOGY COMMUNITY PROFESSORS

DON CRUM, R.N.
Operating Room Staff Nurse
Central Texas Veterans' Health Care System

LOUIS DOUBLEDAY, RN
Special Procedures Nurse Manager
Surgical Technology Preceptor
Metroplex Hospital

ESPERANZA MCDADE, CST
Central Service/Instrument Processing Manager
Surgical Technology Preceptor
Scott & White Hospital

CASSANDRA RANGEL, CST
Surgical Technology Instructor
Surgical Technology Department

STEPHANIE ROBERTS, CST, RN
Surgical Services Nurse Manager
Metroplex Hospital

JORGE LOPEZ, CST
Surgical Technology Preceptor
Metroplex Hospital

SUE PATTON, CST
Central Service/Instrument Processing
Manager
Surgical Technology Preceptor
Metroplex Hospital

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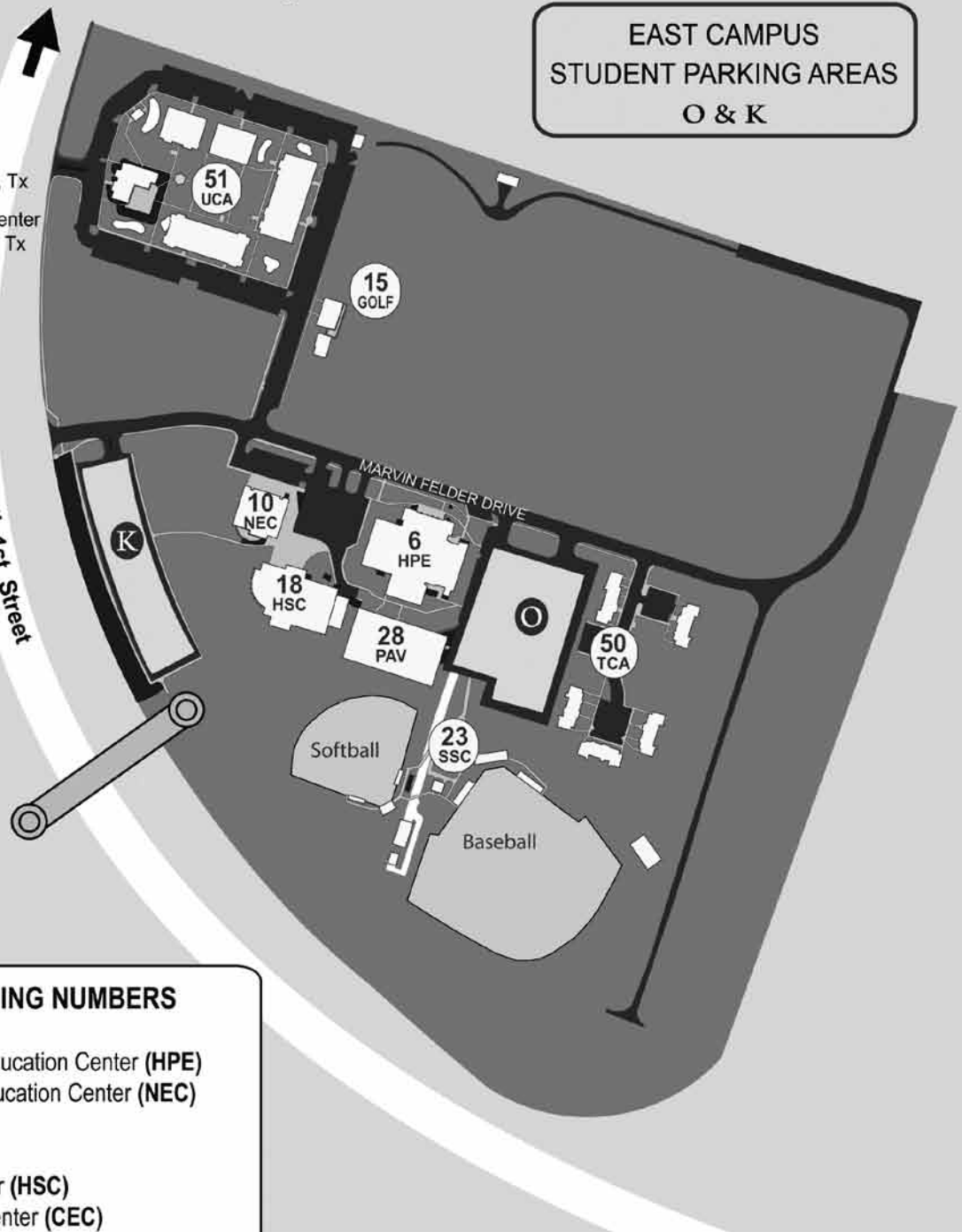
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TEMPLE COLLEGE East Campus

EAST CAMPUS
STUDENT PARKING AREAS
O & K

- (21) **(DWT)** to Downtown Center
Main St. at Adams Ave. Temple, Tx
- (27) **(BTC)** to Business Training Center
Main St. at Adams Ave. Temple, Tx

South 1st Street



EAST CAMPUS BUILDING NUMBERS

- 6. Health and Physical Education Center (**HPE**)
- 10. Dell Martin Nursing Education Center (**NEC**)
- 13. Taylor Center (**TCT**)
- 15. Golf Shop (**GOLF**)
- 18. Health Sciences Center (**HSC**)
- 19. Cameron Education Center (**CEC**)
- 21. Downtown Center (**DWT**)
- 27. Business Training Center (**BTC**)
- 23. Danny Scott Sports Complex (**SSC**)
- 28. Pavilion (**PAV**)
- 50. Temple College Apartments (**TCA**)
- 51. University Courtyard Apartments (**UCA**)

LOOP 363

(19) **(CEC)** Hwy 36 To Cameron Education Center
804 East First Street - Cameron, Tx

(13) **(TCT)** Hwy 95 To Taylor Center
516 North Main - Taylor, Tx

TEMPLE COLLEGE West Campus

← **(29) (TBI) Texas Bioscience Institute**
5701 Airport Rd. Temple, Tx

(21) (DWT) to Downtown Center
Main St. at Adams Ave. Temple, Tx

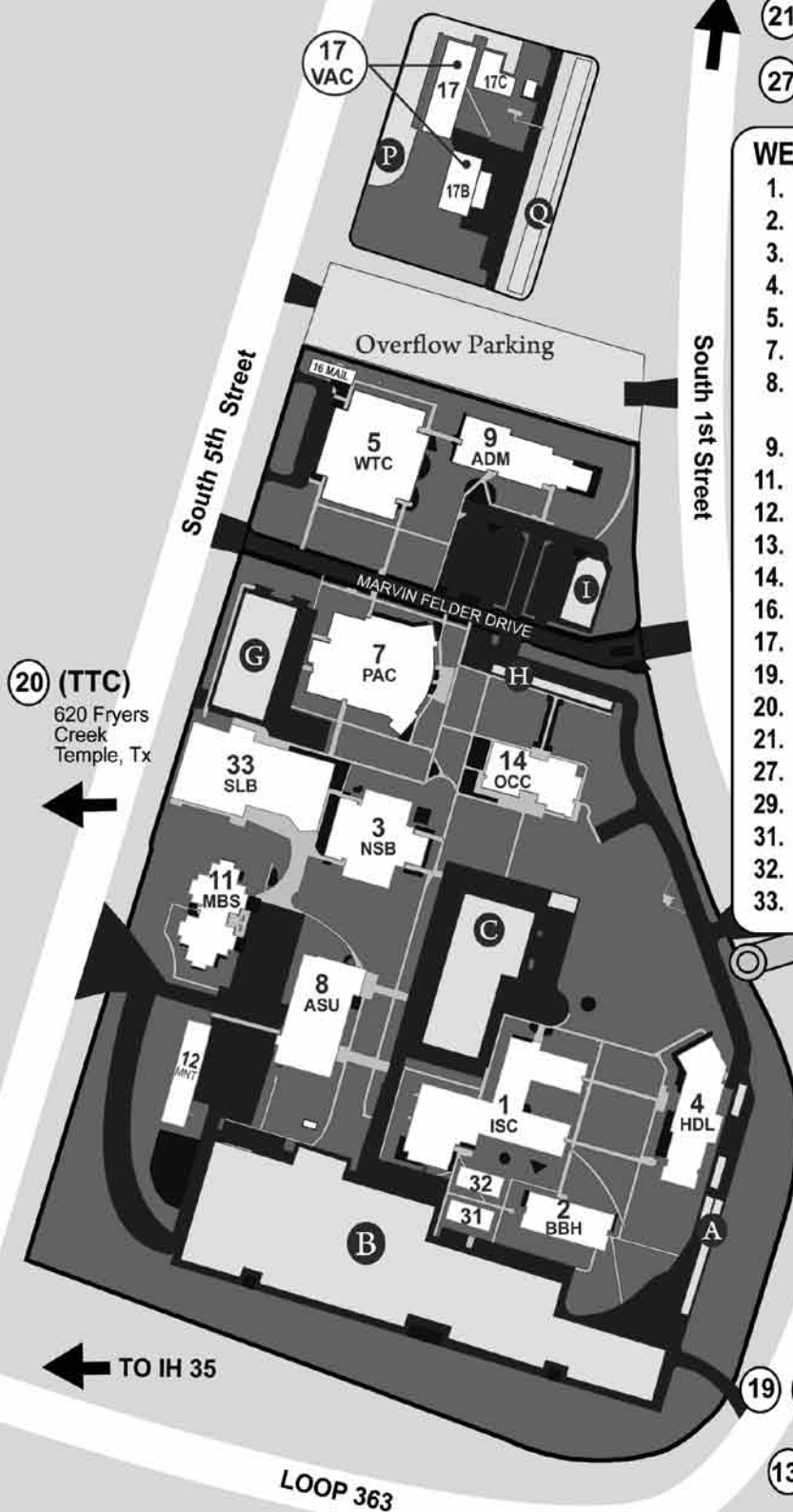
(27) (BTC) to Business Training Center
Main St. at Adams Ave. Temple, Tx

WEST CAMPUS BUILDING NUMBERS

1. Instructional Services Center (ISC)
2. Berry Hall (BBH)
3. Newton Science Building (NSB)
4. Hubert M. Dawson Library (HDL)
5. Watson Technical Center (WTC)
7. Mary Alice Marshall Performing Arts Center (PAC)
8. Arnold Student Union (ASU)
(Bookstore and Food Court)
9. Marc A. Nigliazzo Administration Building (ADM)
11. Math & Biomedical Science (MBS)
12. Maintenance Building (MNT)
13. Taylor Center (TCT)
14. One College Centre (OCC)
16. Mail Room/Computer Storage
17. Visual Arts Complex (VAC)
19. Cameron Education Center (CEC)
20. Trnum Tennis Center (TTC)
21. Downtown Center (DWT)
27. Business Training Center (BTC)
29. Texas Bioscience Institute (TBI)
31. Portable Building
32. Portable Building
33. Science Laboratory Building (SLB)

WEST CAMPUS
STUDENT PARKING AREAS
A, B, C, G, H, I, P & Q

Revised August 2010



← TO IH 35

LOOP 363

(19) (CEC) Hwy 36 To Cameron Education Center
804 East First Street - Cameron, Tx

(13) (TCT) Hwy 95 To Taylor Center
516 North Main - Taylor, Tx