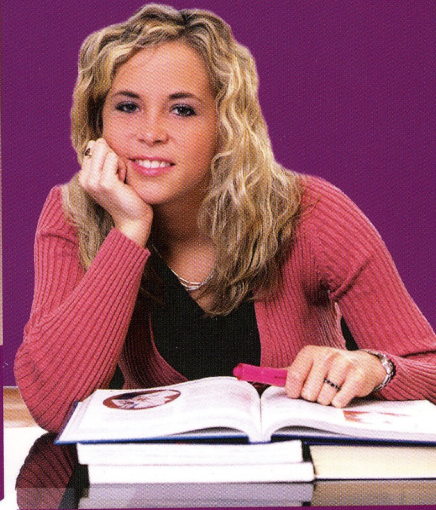
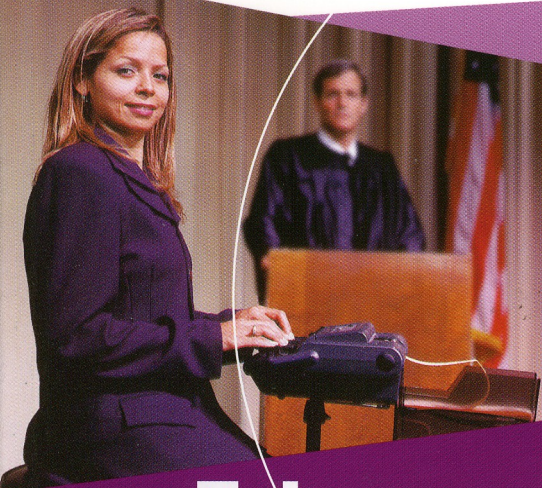


catalog 2004-2005



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Alvin Community College





## ALVIN COMMUNITY COLLEGE

# General Catalog for 2004-2005

Volume 55, No. 1 • August 2004

### Alvin Community College is Accredited by:

Commission on Colleges of the  
Southern Association of Colleges and Schools  
1866 Southern Lane  
Decatur, Georgia 30033-4097  
Telephone Number: 404/679-4501  
To award associate degrees and certificates.

### Also Approved and Accredited by:

Texas Higher Education Coordinating Board,  
Texas College and University System

### Member:

American Association of Community and Junior  
Colleges  
Association of Community College Trustees  
Gulf Coast Intercollegiate Conference  
National Institute for Staff and Organizational  
Development  
National Junior College Athletic Association  
Region XIV Athletic Conference  
Texas Community College Teachers Association  
Texas Association of Community Colleges

Alvin Community College is an equal opportunity institution and does not discriminate against anyone on the basis of race, religion, color, sex, handicap, age, national origin, or veteran status.

Any of the regulations, services, or course offerings appearing in this catalog may be changed without prior notice. The regulations appearing here will be in force starting with the 2004 fall semester.

## Table of Contents

Academic Calendar .....	2
General Information .....	4
Academic Policies & Regulations.....	9
Student Services .....	30
Educational Programs .....	37
Course Descriptions .....	105
Board of Trustees, Administration, Faculty & Staff .....	146
Indexes.....	156
How to Reach ACC/PCC .....	160



# ACADEMIC CALENDAR

## FALL SEMESTER 2004

Jul15-Aug 16	Telephone/Web Early Registration
Jul 31	THEA test
Aug 2-5	Early Campus Registration
Aug 4	New Student Orientation
Aug 17	Payment Deadline for Early Registration
Aug 23-24	Campus/Web Registration
Aug 25	Faculty/Staff Workshop
Aug 25-26	Late Registration and Schedule Changes
Aug 26	Classes begin
Aug 27-29	Weekend Classes begin
Aug 26	Audit Registration
Sep 6	Labor Day Holiday
Sep 13	Census date
Oct 1	Deadline- December Graduation
Oct 23	THEA (TASP) Test
Nov 8-Jan 3	Telephone/Web Early Registration for Spring 2005
Nov 12	Withdraw Deadline: Registrar's Office, 5 pm
Nov 24-26	Thanksgiving Holidays
Dec 13-15	Early Campus Registration for Spring 2005
Dec 3-5	Weekend Classes end
Dec 7	Weekday Classes end
Dec 8-10,13,14	Finals-Weekday Classes
Dec 10-12	Finals - Weekend Classes
Dec 17-Jan 2	Winter Break - College closed (except for 3-Week Mini)

## 8-Week Fall Mini Semesters

### First 8-Weeks

Jul15-Aug 16	Telephone/Web Early Registration
Aug 23-24	Registration
Aug 25-26	Late Registration and Schedule Changes
Aug 26	Classes Begin
Sep 2	Census Date
Sep 6	Labor Day Holiday - College closed
Oct 4	Withdraw Deadline: Registrar's Office, 8 pm
Oct 15	Classes End/Final Exams

### Second 8-Weeks

Oct 1-14	Campus Telephone/Web Registration
Oct 18	Late Registration and Schedule Changes
Oct 18	Classes Begin
Oct 25	Census Date
Nov 22	Withdraw Deadline; Registrar's Office, 8 pm
Nov 24-26	Thanksgiving Holidays - College closed
Dec 7	Classes End/Final Exams

## Holiday Mini Semester

Dec 1-15	Campus Telephone/Web Registration
Dec 27	Classes Begin
Dec 27	Late Registration and Schedule Changes
Dec 28	Census Date
Jan 1	New Year's Holiday - College closed
Jan 5	Withdraw Deadline: Registrar's Office, 5 pm
Jan 10	Classes End/Final exams

## Spring Semester 2005

Nov 8-Jan 3	Telephone/Web Early Registration
Dec 13-16	Early Campus Registration
Dec 17-Jan 2	Winter Break-College closed
Jan 3	College reopens
Jan 4	Payment deadline for Early Registration
Jan 10-11	Campus/Web Registration
Jan 12	Faculty/Staff Workshop
Jan 12-13	Late Registration and Schedule Changes
Jan 13	Classes begin
Jan 14-16	Weekend classes begin
Jan 13	Audit Registration
Jan 17	Martin Luther King, Jr. Day - College closed
Jan 31	Census date
Feb 18	TCCTA Convention, Austin. No day classes on Friday Weekend classes (Fri. eve., Sat., Sun.) will meet. Offices close 12 noon, Friday
Mar 4	Deadline- May Graduation
Mar 21-25	Spring Break-College Closed
Apr 4-May 15	Telephone/Web Early Registration - Summer I & II Week Classes
Apr 12	Withdraw Deadline: Registrar's Office, 8 pm
Apr 23	THEA (TASP) Test
Apr 25	Awards Day
April 29	Weekday Classes end
May 1	Weekend Classes end
May 2-5	Early Campus Registration for Summer I and II Week Classes
May 2-5	Weekday Finals
May 6-8	Weekend Finals
May 10	Commencement
May 12	H.O.P.E. Ceremony
May 16	TDCJ Graduation
May 18	GED Commencement



## 8-Week Spring Mini Semesters

### First 8-Weeks

Nov 8 - Jan 3	Telephone/Web Registration
Jan 10-11	Registration
Jan 12-13	Late Registration and Schedule Changes
Jan 13	Classes Begin
Jan 17	Martin Luther King, Jr., Day - College Closed
Jan 21	Census Date
Feb 21	Withdraw Deadline; Registrar's Office, 8 pm
Mar 4	Classes End/Final exams

### Second 8-Weeks

Feb 21-Mar 4	Campus/Web/Telephone Registration
Mar 21-25	Spring Break - College Closed
Mar 14	Late Registration and Schedule Changes
Mar 14	Classes Begin
Mar 28	Census Date
Apr 21	Withdraw Deadline; Registrar's Office, 5 pm
May 4	Classes End/Final exams

### Early Summer Mini Semester

Apr 25 - May 10	Campus/Web/Telephone Registration
May 12	Late Registration and Schedule Changes
May 12	Classes Begin
May 13	Census Date
May 19	Withdraw Deadline; Registrar's Office 5 pm
May 23	Classes End/Final exams

## CONTINUING EDUCATION

Continuing Education Course Registration is conducted on a daily basis. For course offerings contact 281-756-3787

## Summer 2005

### Summer I

Apr 4 - May 23	Telephone/Web Early Registration
May 2-5	Campus Early Registration
May 30	Memorial Day Holiday - College Closed
May 31	Campus Registration
June 1	Classes Begin
June 1	Late Registration and Schedule Changes
Jun 7	Census Date
Jun 11	THEA (TASP) test
Jun 15	Graduation Deadline - Last day to apply for August graduation.
	Withdraw Deadline, Registrar's Office, 8 pm
Jun 20	Classes End - Summer I Classes only
Jun 30	Independence Day Holiday
July 4	Final Exams - 5-Weeks Classes only
Jul 5	

### Summer II

Jul 6	Campus Registration
Jul 7	Classes Begin
Jul 7	Late Registration/Schedule Changes
July 13	Census Date
Aug 1	Withdraw Deadline - Registrar's Office, 8 pm
Aug 8	Classes End
Aug 9	Final Exams

### Summer (11 Week Classes)

Apr 4 - May 23	Telephone/Web Early Registration
May 2-5	Campus Early Registration
May 30	Memorial Day Holiday - College Closed
May 31	Campus Registration
June 1	Classes Begin
June 1	Late Registration and Schedule Changes
Jun 14	Census Date
July 4	Independence Day Holiday
July 21	Withdraw Deadline - Registrar's Office, 5 pm
Aug 2	Classes End
Aug 3-9	Final Exams



# General Information



**First 3 Weeks**

Jan 8 - Jan 15  
 Jan 16 - Jan 22  
 Jan 23 - Jan 29  
 Feb 1 - Feb 7  
 Feb 8 - Feb 14  
 Feb 15 - Feb 21  
 Feb 22 - Feb 28

**Second 4 Weeks**

Mar 1 - Mar 7  
 Mar 8 - Mar 14  
 Mar 15 - Mar 21  
 Mar 22 - Mar 28  
 Mar 29 - Apr 5  
 Apr 6 - Apr 12  
 Apr 13 - Apr 19  
 Apr 20 - Apr 26  
 Apr 27 - May 3  
 May 4 - May 10  
 May 11 - May 17  
 May 18 - May 24  
 May 25 - May 31

**Early 8 Weeks**

May 31 - Jun 6  
 Jun 7 - Jun 13  
 Jun 14 - Jun 20  
 Jun 21 - Jun 27  
 Jun 28 - Jul 4  
 Jul 5 - Jul 11  
 Jul 12 - Jul 18  
 Jul 19 - Jul 25  
 Jul 26 - Aug 1  
 Aug 2 - Aug 8  
 Aug 9 - Aug 15  
 Aug 16 - Aug 22  
 Aug 23 - Aug 29  
 Aug 30 - Sep 5  
 Sep 6 - Sep 12  
 Sep 13 - Sep 19  
 Sep 20 - Sep 26  
 Sep 27 - Oct 3  
 Oct 4 - Oct 10  
 Oct 11 - Oct 17  
 Oct 18 - Oct 24  
 Oct 25 - Oct 31  
 Nov 1 - Nov 7  
 Nov 8 - Nov 14  
 Nov 15 - Nov 21  
 Nov 22 - Nov 28  
 Nov 29 - Dec 5  
 Dec 6 - Dec 12  
 Dec 13 - Dec 19  
 Dec 20 - Dec 26  
 Dec 27 - Dec 31

**CONTINUING**

Continuing Education Courses  
 Only books for continuing education  
 are available for purchase.

**Second 4 Weeks**

Jan 23 - Jan 29  
 Feb 1 - Feb 7  
 Feb 8 - Feb 14  
 Feb 15 - Feb 21  
 Feb 22 - Feb 28

**Early 8 Weeks**

May 31 - Jun 6  
 Jun 7 - Jun 13  
 Jun 14 - Jun 20  
 Jun 21 - Jun 27  
 Jun 28 - Jul 4  
 Jul 5 - Jul 11  
 Jul 12 - Jul 18  
 Jul 19 - Jul 25  
 Jul 26 - Aug 1  
 Aug 2 - Aug 8  
 Aug 9 - Aug 15  
 Aug 16 - Aug 22  
 Aug 23 - Aug 29  
 Aug 30 - Sep 5  
 Sep 6 - Sep 12  
 Sep 13 - Sep 19  
 Sep 20 - Sep 26  
 Sep 27 - Oct 3  
 Oct 4 - Oct 10  
 Oct 11 - Oct 17  
 Oct 18 - Oct 24  
 Oct 25 - Oct 31  
 Nov 1 - Nov 7  
 Nov 8 - Nov 14  
 Nov 15 - Nov 21  
 Nov 22 - Nov 28  
 Nov 29 - Dec 5  
 Dec 6 - Dec 12  
 Dec 13 - Dec 19  
 Dec 20 - Dec 26  
 Dec 27 - Dec 31



## History

The Alvin Community College District was approved by the qualified voters of the Alvin Independent School District on November 2, 1948. From its inception until the 1971-72 academic year, the College was administered by officials of the Alvin Independent School District. The 1971-72 academic year marked the beginning of a new era in the history of Alvin Community College. A separate administration, tax district, and College Board were established to assume the management, control, and operation of a newly created Alvin Junior College District.

Initially, when the College and public schools were in the same system, the College was part of Alvin High School. The first classes began on September 12, 1949, in facilities which grouped grades 11 through 14 in one building and which placed Alvin under a system known as the 6-4-4 plan. One of the more important changes in the program of Alvin Community College was the building of a separate physical plant for academic work at the college level and dropping of the 6-4-4 plan in favor of a 6-3-3-2 arrangement. The college program was strengthened by additional facilities, by an enlarged faculty, and by successfully meeting the standards of the Southern Association of Colleges and Secondary Schools (1959). Alvin Community College moved to its present campus in the summer session of 1963.

By a vote of both the original district and voters of adjoining territories, the college district was enlarged to nearly twice its geographical size in 1974. Then, in the spring of 1975, an \$8 million bond issue was approved, providing funds for the facilities necessary to meet an expanding enrollment. In 1998 the College expanded into its service area with the establishment of the Pearland College Center in the former C.J. Harris Elementary School in Pearland.

The enrollment of Alvin Community College has grown from 134 students in 1949 to a record high of 4404 in 1988. During this period of growth, Alvin Community College has had five presidents:

Mr. A.G. Welch	1949-1954
Dr. A.B. Templeton	1954-1964
Mr. D.P. O'Quinn	1964-1971
Dr. T.V. Jenkins	1971-1976
Dr. A. Rodney Allbright	1976 to present

## Philosophy

We believe in the dignity and worth of all individuals. Learning is a lifelong process, and all individuals should have opportunities for lifelong education. Education should help people develop, to their maximum capacity, technical excellence, occupational proficiency, and academic ability. Education should also provide for personal enrichment. To prosper in a complex and changing society, each individual must learn to think independently, value logical and tested conclusions, develop problem-solving abilities, and function effectively with other people. Competent performance contributes significantly to individual health and happiness and benefits the organizations and communities in which individuals work and live. Alvin Community College is an integral part of the community it serves, and it must respond to identified needs and interests. In delivering educational services, we believe that there is no substitute for the pursuit of excellence.

## Mission

Alvin Community College is a public, two-year, comprehensive community college with a strong educational heritage and a continuing emphasis on providing quality educational experiences for all of its students. The College seeks to implement its philosophy by providing quality post-secondary educational services (including occupational/technical, college transfer, and adult programs) for all those who can benefit from them, as well as quality occupational/technical program opportunities for area secondary students. The College also seeks to provide accessible educational services, through varied formats and schedules and full- and part-time programs, which address a wide spectrum of individual needs and abilities, along with educational programming related to the economic and employment realities of the area served, and to offer expanded career options through cooperation with industry, business, professions, government, and other educational institutions. In addition, the College seeks to offer comprehensive programs which integrate communications, math, science, humanities, interpersonal skills, and reasoning. Further, the College seeks to provide students the opportunity to develop skills needed to enter and succeed in College programs through continuing opportunities to extend and upgrade skills, knowledge, and interests; through testing, evaluation, and counseling to allow students to make informed decisions regarding their abilities, achievements, and behavior; and through experiences to develop personal, social, and cultural dimensions. The College is accountable for its mission within the limitations of its physical and financial resources.



## Institutional Goals

To fulfill its stated Mission, the College has established specific goals that are modified as needed to meet changing circumstances. These goals are as follows:

1. To provide appropriate academic courses in the arts and sciences for those pursuing associate degrees or planning to transfer to a senior institution.
2. To provide one- and two-year technical programs that prepare graduates to enter business or industry with marketable skills.
3. To provide programs that assist students to master skills that are fundamental to academic and career achievement.
4. To provide continuing education programs that incorporate current and new technical courses, training partnerships with business and industry, and other opportunities for individuals to acquire and upgrade skills or seek personal enrichment.
5. To provide an environment that supports and encourages students in their academic advancement and assists them in their personal and social development.
6. To provide for the systematic measurement of academic excellence and institutional effectiveness and evaluate the progress of the institution's achievement of its strategic objectives.
7. To provide opportunities for collaboration, cooperation, and/or articulation with area schools, community colleges, universities, industries, and local government.
8. To maintain a commitment to educational excellence through intensive efforts to recruit, retain, develop, and support an outstanding faculty and staff.
9. To provide a cost-effective use of human, physical, and fiscal resources.
10. To maintain a safe and inviting campus environment.
11. To recruit, retain, and educate students to their selected level of educational success.

In addition to the goals described above, Alvin Community College subscribes to the purpose of the public community college as outlined in Section 130.003 of the Texas Education Code.

1. Technical programs up to two years in length leading to associate degrees or certificates;
2. Vocational programs leading directly to employment in semi-skilled and skilled occupations;
3. Freshman and sophomore courses in arts and sciences;
4. Continuing adult education programs for occupational or cultural upgrading;
5. Compensatory education programs designed to fulfill the commitment of an admissions policy allowing the enrollment of disadvantaged students;
6. A continuing program of counseling and guidance designed to assist students in achieving their individual educational goals;
7. Work force development programs designed to meet local and statewide needs;
8. Adult literacy and other basic skills programs for adults; and
9. Such other purposes as may be prescribed by the Texas Higher Education Coordinating Board or local governing

boards in the best interest of post-secondary education in Texas.

## Facilities

The main campus of Alvin Community College, situated on 113 acres in Alvin, Texas, consists of sixteen buildings: Learning Resources Center, Fine Arts Center, Health and Paramedical Technologies Center, Business and Industrial Technologies Center, Student Center, Physical Fitness Center, Liberal Arts Building, Natural Sciences Building, Occupational Technical Building, Court Reporting Center/KACC Radio-TV Building, Nolan Ryan Center, Maintenance Complex, Transportation Center, and storage complexes.

The first floor of the Learning Resources Center contains the Department of Information Technology, Office of the Associate Dean of Student Services, Office of Admissions and Academic Advising, Financial Aid Office, Registrar's Office, Veterans and Graduation Offices, Business Office, Communications Center, and Media Center. The second floor houses the Learning Lab, classrooms, the Library, and offices for the Physical Plant, GED, and various faculty. The Fine Arts Center contains facilities for the Music Department, Drama Department, and Art Department. Facilities include studios, rehearsal rooms, offices, an art gallery, and the Theater/ auditorium.

The Health and Paramedical Technologies Center contains offices, classrooms and laboratories for all health-related departments. A Child Development Laboratory School is also located in the building. The lower floor houses the offices of the Dean of Technical Programs. In addition to the many classrooms and offices located in the Business and Industrial Technologies Center, laboratories are provided for the various programs in the area. Facilities include an open-concept office administration lab and a crime lab. Facilities for instruction in industrial programs include an electronics lab, auto mechanics lab, and a welding lab and fabrication shop.

The Student Center consists of the Texas Room (a student lounge), the Brazos Room (a conference/dining room), a gameroom, Student Activities offices, the cafeteria, and the College Store.

The Physical Fitness Center includes the athletic offices, the gym, two weight rooms, four racquetball courts, saunas, dressing rooms, lockers, eight tennis courts, a baseball field, two-mile jogging track, a soccer/football field, a softball field, and related fitness equipment.

The Liberal Arts Center contains classrooms, the foreign language lab, faculty offices, and the offices of the Dean of Instruction, Student and Community Services, and the University Parallel Division Chairs.

The Natural Sciences Building houses seven physical science laboratories, faculty offices, and a greenhouse. The Occupational Technical Building includes a drafting lab/classroom, two additional laboratories, six classrooms, faculty offices, and the Criminal Justice Training Center. The Court Reporting Center/KACC Radio-TV building is the operational center for 89.7 KACC, a federally licensed FM radio station and student laboratory.



The Nolan Ryan Center for Continuing Education is the newest addition to the campus. The 12,000 square foot Center was built by the Nolan Ryan Foundation and donated to the College in 1996. The building contains the office of the Dean of Pearland College Center and Continuing Education Programs, the Continuing Education Office, and the Center for Professional and Workforce Development (CPWD). It also contains a classroom for the College's CPWD and a community room that seats 200 people. The remaining portion of the building houses the Nolan Ryan Exhibit Center.

There is parking space on the main campus for approximately 1,940 vehicles.

### **Pearland College Center**

The Pearland College Center is located at 2319 North Grand Boulevard in Pearland.

Credit classes as well as Continuing Education classes are taught at the Pearland College Center. Classes are offered Monday through Thursday and on weekends.

### **Accreditation**

Documentation on Alvin Community College is available in the Office of the Associate Dean of Student Services.

### **Public Notice and Compliance Statements**

#### **Civil Rights:**

In compliance with Title VI of the Civil Rights Act of 1964 (P.L. 88-352), Title IX of the Education Amendments of 1972 (P.L. 92-318), and the Age Discrimination Act of 1978 (P.L. 95-256), Alvin Community College does not discriminate against or exclude from participation in any of its programs or activities, either in the student body or the staff, any person on the grounds of sex, race, color, religion, age, handicap, national origin, or veteran status.

#### **Rights of Individuals with Disabilities:**

Alvin Community College complies with Section 504 of the Rehabilitation Act of 1973 (P.L. 93-112) and with the Americans With Disabilities Act (P.L. 101-336), and does not discriminate on the basis of a disability in the areas of admission, accessibility, treatment and employment. Individuals with disabilities, as defined under the law, who are otherwise qualified to meet the institution's academic and employment requirements will be provided with a variety of academic services and resources. ACC supports efforts in making the campus more accessible and encourages students with disabilities to participate in all activities. Students seeking assistance should contact the Office of Admissions and Academic Advising. Information concerning college practices as they relate to Section 504 and ADA should be directed to the Associate Dean of Student & Instructional Services.

**Access to Programs:** Admission to College programs is based on requirements outlined in this catalog. Alvin Community College will take steps to assure that lack of English language skills will not restrict admission to and participation in its programs.

For information about your rights and grievance procedures, contact the Associate Dean of Student Services, (281) 756-3517, or the Director of Human Resources, (281) 756-3639, at 3110 Mustang Road, Alvin, Texas 77511-4898.

La admisión a los programas del colegio se efectúa a base de los requisitos descritos en este catálogo. Alvin Community College tomará medidas para asegurar que el desconocimiento del idioma inglés no sea obstáculo a la admisión a todos los programas. Para información sobre los derechos o los procedimientos para presentar quejas, comuníquese con el Decano de Estudiantes al número (281) 756-3517 o con la Directora de Personal al número (281) 756-3639, dirección 3110 Mustang Road, Alvin, Texas 77511-4898.

#### **Family Educational Rights and Records Access Annual Notice:**

In compliance with the Family Educational Rights and Privacy Act of 1974, the College may release information classified as directory information to the general public without the written consent of the student. See "Release of Student Information" section in this catalog.

**Religious Holy Days:** In compliance with Texas Education Code, Section 51.911, Alvin Community College allows a student who is absent from class for the observance of a religious holy day to make up the class work for that day within a reasonable time after the absence. Students who intend to be absent for religious holy days must file forms for this purpose (available in the Office of Admissions and Academic Advising) by the 15th calendar day of the semester.

**Illegal Drugs:** In compliance with HR 253/SR 645, no illegal drugs shall be allowed on campus, and any student caught with an illegal drug will be suspended from attendance or enrollment for a specified period of time. See the Associate Dean of Student Services for a copy of due process procedures.

**Standard of Conduct:** The college student is considered a responsible adult. The student's enrollment indicates acceptance of the standards of conduct published in the Student Handbook.

**Policy on HIV Infection and AIDS:** The Alvin Community College policy on HIV infection and AIDS is available in the office of the Associate Dean of Student Services. The educational pamphlet on AIDS developed by the Texas Department of Health is available in the Office of Admissions and Academic Advising and in brochure racks throughout the campus.

For information about your rights or about grievance procedures, contact the Associate Dean of Student Services, Alvin Community College, 3110 Mustang Road, Alvin, Texas 77511-4898, 281/756-3517

### **Interpretation of Catalog**

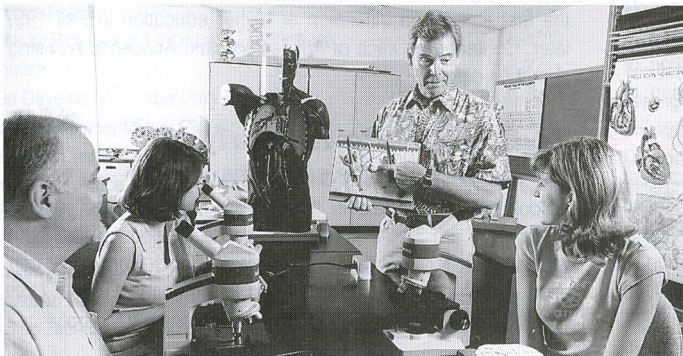
The administration of Alvin Community College acts as final interpreter of this catalog and all other college publications. The College may change requirements and regulations as necessitated by college or legislative action. For the purpose of administering the College, class schedules published in the fall, spring, and summer are considered implementation of College policy and an extension of this catalog.



## Recommended Academic Preparation for College

High school students planning to enroll at Alvin Community College and then transfer to a senior college or university are strongly encouraged to take the following courses while enrolled in high school.

<b>High School Curriculum</b>	<b>Credits</b>	<b>Courses</b>
English Language Arts	4	English I-IV
Mathematics	4	Algebra, Geometry, Precalculus, Math elective
Science	3	State Board of Education approved courses include: Physical Science, Biology I and II, Chemistry I and II, Physics I and II
Social Studies	4	United States History, United States Government, World History Studies, World Geography, Economics
Foreign Language	3	Levels I-III proficiency in the same language
Health	½	½ credit minimum
Fine Arts	1	1 credit minimum
Physical Education	1½	1½ credits
Speech	½	Speech Communication, Public Speaking, Debate, Oral Interpretation
Technology	1 min.	Computer Science Business Computer Applications Business Computer Programming Computer Applications Microcomputer Applications Business Information Processing Computer Mathematics Industrial Technology Computer Applications
Electives	2	
<b>TOTAL</b>	<b>24½</b>	



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### **ALVIN COMMUNITY COLLEGE**

*offers Financial Aid to those who  
need it and who qualify.*

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COLLEGE WORK STUDY**

Visit the Financial Aid Office for more  
information and applications.  
**CALL US AT 281-756-3524.**



## Admission to Specific Curriculums

To enter the following curriculums, students must meet specific departmental requirements in addition to the general college admission requirements:

- Child Development/Early Childhood
- Court Reporting
- Diagnostic Cardiovascular Sonography
- Emergency Medical Technology
- Nursing
- Nursing-Transition
- Respiratory Care
- Vocational Nursing

Departmental admission requirements are listed in the Educational Programs section of the catalog.

Students will be admitted to a curriculum, subject to enrollment limits, when all of the listed departmental requirements are met. Students who do not meet the admission requirements for a specific curriculum may be eligible to enter that curriculum after satisfactorily completing preparatory course work. Admission to these curriculums is determined by the departments.

## Honors Program

The Alvin Community College Honors Program offers highly motivated, academically exceptional students the challenge of enriching their intellectual experience and exploring subject areas in great depth. The program, open to full-time and part-time students, offers individualized attention, increased responsibility, and a high level of intellectual stimulation. Students who qualify for the program may choose from the following enriched courses:

BIOL	1406-1407
ENGL	1301-1302
GEOL	1403-1404
GOVT	2301-2302
HIST	1301-1302
MATH	2413-2414
PHYS	1401-1402
PSYC	2301

To be considered for admission to the Honors Program, a student must meet at least two of the following criteria:

- ACT composite score of 26 or higher
- SAT combined score of 1100 or higher
- Graduated in top 10% of high school class
- GPA of 3.5 or higher on a minimum of 12 semester hours excluding developmental courses
- Recommendation(s) from ACC instructor(s)
- Individual approval based on personal interview with the Honors Committee

To achieve Honors Program Graduate status, a student must have at least a 3.0 grade point average on all college-level courses, including all attempts of repeated courses, must complete a minimum of 12 semester hours of honors courses, and must earn a grade of B or higher in all honors courses taken. For more information, call 281-756-3736.

## Testing

Although testing is not an admission requirement, it is a requirement for registration. All students who have not provided official documentation for an exemption from TSI (see TSI Exemptions) must have official TASP, THEA, ACCUPLACER, ASSET, or COMPASS test scores prior to registering for classes. Information about test dates, locations and registration may be obtained from class schedules or by calling 281-756-3526. Test scores are used to place students in appropriate courses; they are not used to deny admission to college. Students who have a disability should see the ADA Counselor prior to testing if accommodations are needed. An appointment to discuss accommodations can be made by calling 281-756-3531.

## Texas Success Initiative (TSI)

To give Texas public higher education more flexibility in its efforts to develop better academic skills among students who need them for success in college, the 78th Texas Legislature repealed the Texas Academic Skills Program and replaced it with the Texas Success Initiative (TX Education Code 51.3062).

Early and effective advisement of incoming students is the cornerstone of the Success Initiative. The test formerly known as TASP has been renamed THEA-Texas Higher Education Assessment. Alvin Community College academic advisors and counselors will work with students who are skill-deficient, as evidenced through required placement testing, to develop an educational plan to achieve college readiness in weak academic areas.

Successful completion of the required developmental sequence of courses, retesting, enrollment in a study skill class and other college prescribed strategies will be used to enable students to become "college ready."

Once a student has met the Reading, Writing and Math standards set by the student's plan for "College Readiness," academic college level course work may begin. Students may meet this standard by scoring "College Ready" on any of the approved placement exams.

For information on the TSI Initiative, contact the Office of Admissions and Academic Advising.



## PLACEMENT CHART

SUBJECT	THEA (TASP) from 9/95	ACCUPLACER Multiple Choice	WritePlacer or Other essay**
<b>READING</b>			
0309	0-195	0-68.4	
0310	196-229	68.5-77.4	
1320	230+	77.5+	
<b>MATH</b>			
0309	0-185	1-50.4	
0310	186-229	50.5-62.4	
0312	230-269*	62.5-85.4*	
1314	270+	85.5+	
<b>ENGLISH</b>			
0309	0-185	0-70.4	0-4
0310	186-219	70.5-79.4	***
1301	220+	79.5+	6+

\* Remediation not required but Math 0312 to be taken if a math course is selected.

\*\* Essay scores take precedence over all English scores except THEA (TASP).

\*\*\*Placement with an essay score of 5 is based on the multiple choice score.

### Scores Required to Meet TSI Standard

THEA or TASP	TASP (before 1995)	Accuplacer	Writeplacer
English	220	220	5 & essay of 79.5 or 6
Reading	230	220	77.5
Mathematics	230	220	85.5

### TSI Retesting Requirement

Students who score below the minimum standard on any section will be required to retest on that section.

#### Minimum Standard Scores:

	Reading:201	Mathematics: 206	Writing: 205
THEA			
ACCUPLACER	61	42	62*
ASSET	35	30	35*
COMPASS	64	23	44*

Students may retake an assessment to determine readiness to perform freshman-level academic course work but must wait at least 30 days between attempts. Retesting until the test is passed is no longer required, but developmental coursework will be required of students who do not pass one or more sections of the assessment. Please see an advisor in the Admissions and Academic Advising Office to determine your TSI status and course of action. \*Retesting will be required for students who score below the minimum standard and a 5 or below on the essay.

### TSI Exemptions

- ACT - a composite score of 23 or higher with a minimum of 19 on both English and math. Scores must be no more than five years old.
- SAT - A combined score of 1070 with a minimum of 500 on

both verbal and mathematics. Scores must be no more than 5 years old.

- TAKS - exemption scores to be set by the THECB. Please see an ACC advisor for more information.
- Associate or Baccalaureate degree graduates from an institution of higher education
- Transfer students from private or independent institutions of higher education or an accredited out of state institution and who have satisfactorily completed college-level course work as determined by the receiving institution.
- Transfer students who have been determined to have met college readiness standards by that institution.
- 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 3 years preceeding enrollment.
- 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 served as a member of a reserve component of the armed forces of the United States.

### TSI -Waived Level One Certificate Programs

Students enrolled in any waived program are waived from the requirements of the ACC Developmental Education Plan. Course prerequisites will apply. Students concurrently enrolled in an active Associate Degree or Level Two Certificate program are not eligible for this waiver. The waiver applies only while pursuing the Level One certificates below:

Child Develop/ Early Childhood	Legal Assistant
Child Develop/ Early Child.Adm	Management Development
Computer Data Processing	Marine Robotics
Computer Networking	Office Assistant
Computer Repair Technology	Process Technology
Correctional Administration	Radio Broadcasting
Correctional Science	Substance Abuse Counseling
Court Reporting Scopist	Television Broadcasting
Crime Scene Technician	Texas Peace Officer
Drafting Technology	Vocational Nursing
Electronic Technology	Word Processing
EmergencyMedical Technology	

### Required Scores to meet College Readiness Standard

The state minimum passing standard is a score of 230 in reading and in mathematics and a score of 220 in writing. For students who tested before September 1995, the minimum passing standard is 220 in each skill area (reading, math, and writing).

### Developmental Course Requirement

Students who fail one or more sections of the THEA (TASP) or an approved placement test must enroll and attend a developmental course for at least one of the failed sections until all sections are passed or required developmental courses are completed with a grade of "C or better". **Students could be withdrawn from ALL courses for non-attendance of the developmental class.**



## TSI Development Sequence

Students may complete their TSI obligation for any of the three subject areas (reading, writing, and mathematics) when the following sequence is completed:

1. The student must take the THEA, ACCUPLACER, ASSET or COMPASS and pass.
2. The student must pass the required developmental course sequence for the subject area not passed, if the initial test score was above the minimum standard deviation.
3. The student must retest for the subject area not passed if the initial test score was below the minimum standard deviation and pass.
4. If the student does not pass the subject area test, then the student may enroll in an approved, college-level course for the subject area. In addition, students are required to meet with the Department Chair for an additional program of remediation before a college-ready status will be awarded.

## Developmental Education Plan

To comply with TASP guidelines published in August 1999, the Texas Higher Education Coordinating Board requires each institution of higher education to adopt a plan for the assessment and placement of undergraduate students entering the institution and for the provision of effective developmental education to students who do not have college-level skills in reading, writing and mathematics.

A copy of Alvin Community College's Developmental Education Plan is available from the Office of Admissions and Academic Advising or the Academic Enhancement Center. Students should consult with a counselor or advisor to determine how the requirements of this plan may affect their academic program.

## Residency Information

A student's registration must comply with state regulations contained in Rules and Regulations: Residence Status published by the Texas Higher Education Coordinating Board. Copies of this publication are available at <http://www.thecb.state.tx.us/reports/pdf/0183.pdf>. When students are admitted, they are informed of their residence classification based on information on their application and supporting documentation. Tuition and fees at registration are based on this classification.

### Proof of Residence

An independent student must provide documentation for both state and in-district classification that shows the student's name and address. A dependent student must provide their parent's current IRS 1040 federal tax return and parent's state residence must be proved with documentation including parent's name as required for each residency status.

### Residency Status

- Texas Resident/In-District: A Texas resident (see above) who proves they physically reside within the geographic boundaries of the ACC District at time of their admissions by providing one of the following documents with student's name and address:
  - Texas permanent driver's license showing ACC district address (P.O. Box excluded)
  - Tax receipt showing ACC district tax status (available at

- the Brazoria County Substation on Hwy 35, north of Alvin)
- Texas Voter Registration card showing ACC district address (P.O. Box excluded)
- Lease agreement showing ACC district address and student's name
- Current utility bill showing service at ACC district address
- Other third party documentation (check with Registrar for acceptable documentation)

- Texas Resident/Out-District: A Texas resident who physically resides outside the geographic boundaries of the ACC District at time of their admissions.
- Non-Resident: An individual who is:
  - a citizen, national, or permanent resident of the United States, but who has not resided in Texas for the twelve months immediately prior to the census date.
  - an alien who has been permitted by Congress to adopt the United States as his or her domicile while in this country, but who has not resided in Texas for the twelve months immediately prior to the census date.
  - a citizen or national of another country.
- Non-Resident/HB 1403: An individual who is:
  - an alien and has filed a declaration of intention to become a permanent resident with the proper federal immigration authorities.
  - an alien and has lived in Texas 3 or more consecutive years leading up to graduation from a Texas high school or receipt of GED, has not taken college courses at a Texas college or university prior to fall 2001 and has filed an affidavit with the college or university indicating the student will apply for permanent resident status as soon as he/she is able to do so. (The student is not required to hold a nonimmigrant visa or to have applied for or been awarded permanent U.S. citizenship.)

### Reclassification of Residency Status

If a student's residence changes after admission, the student must file a Residence Reclassification Petition with the Registrar's Office and provide supporting documentation proving the residence classification claimed. Documentation received after the census date will apply, if unchanged, to the next semester.

**Out-District to In-District:** An independent individual 18 years of age or older who has moved to an in-district residence. Students must prove residence prior to the census date for the given semester by providing one of the following documents with student's name and address:

- Texas permanent driver's license showing ACC district address (P.O. Box excluded)
- Tax receipt showing ACC district tax status (available at the Brazoria County Substation on Hwy 35, north of Alvin)
- Texas Voter Registration card showing ACC district address (P.O. Box excluded)
- Lease agreement showing ACC district address and student's name



- Current utility bill showing service at ACC district address
- Other third party documentation (check with Registrar)

**Out-of-State to Texas Resident:** An independent individual 18 years of age or older who has come from outside Texas and who is gainfully employed in Texas for a 12-month period immediately preceding admissions in an educational institution may be classified as a resident of Texas.

Students must prove residence for the 12 months immediately prior to the census date for the given semester by providing an employer's statement of employment or pay stubs for the last 12 months plus three of the following documents with student's name and address:

- Texas Voter Registration card showing a 12 month period
- Lease agreement for the last 12 months
- Bank statements from the last 12 months
- Texas Vehicle registration document
- Mortgage and/or closing documents from home purchase
- Property tax receipts for the year preceding enrollment
- Current credit report that includes the student's length and place of residence
- Current Federal Income Tax Return
- Texas permanent driver's license (the expiration date minus date of enrollment should not exceed three years)
- Texas high school transcripts for the full senior year immediately preceding admissions.
- Other third party documentation (check with Registrar)

Note: students who are not employed must provide four of the documents above. Employment as a student worker/assistant with the college does not qualify as gainful employment.

A student's residence status can be affected by the death or divorce of the student's parents, custody of a minor by court order, marriage of the student, active military duty of the student or the student's parents, full-time employment of the student's spouse, parents in a state supported college or university in Texas, or temporary assignments of the student's parents out of Texas that do not affect actual legal residence. Further details about residency can be obtained from the Registrar's Office.

## Responsibility for Course Selection

The College provides students with information and academic advice to assist them in making academic decisions. The Office of Admissions and Academic Advising, program director, and department head are responsible for providing current and accurate information and advice concerning the academic and technical programs of the College. The student is responsible for seeking advice, for knowing and meeting the requirements of the selected course, degree, or certificate program, and for enrolling in appropriate courses. Although curriculums are arranged in a semester scheme, courses in the curriculum may be taken out of sequence provided the prerequisites are met. The instructional departments will make every effort to offer the courses in sequence as scheduling permits.

The student is also responsible for knowing and meeting TSI and other testing requirements. Students transferring credit are responsible for knowing the transfer policies of the receiving college or university.

## Placement Regulations

Enrollment in some courses may require demonstration of specific knowledge or skills (referred to as prerequisites or corequisites). These requirements may be satisfied by successful completion of previous courses, by passing scores on the THEA, TASP, ACCUPLACER, ASSET, COMPASS test, or by concurrent enrollment in a specific course. Compliance with prerequisites and corequisites is mandatory for TSI-obligated students and is recommended for TSI-exempt students.

Prerequisites and corequisites are identified in the Course Descriptions section of this catalog.

## International Student Regulations

International students are citizens of a country other than the United States who have an F-1 or M-1 visa for educational purposes and who intend to return to their home country upon completion of their educational program. International students must carry a minimum of twelve semester hours to meet the requirements of the United States Bureau of Immigration and Customs Enforcement.

Before any admission action can be taken, international students must complete and file the following with the Counselor for International Students four months prior to the beginning of the semester in which they plan to enroll:

1. A completed application form.
2. Official transcripts for at least the last four years of secondary school study and for any university-level or other post-secondary school work. These records must list all subjects taken, grades earned or examination results in each subject, and all diplomas and certificates awarded. If these documents are not in English, they must be accompanied by authorized English translations. See Credit from Foreign Institutions.
3. A score of at least 500 on the written Test of English as a Foreign Language (TOEFL), or 173 on the computerized test administered by Educational Testing Service, Princeton, NJ, or possess adequate competency in English instruction courses.
4. An Affidavit of Support that documents proof of available funds to cover both personal and educational expenses while in this country.
5. A health form or physician's statement verifying student's immunization record.
6. For students transferring from another U.S. college or university, an educational background letter from the International Student Office at that institution.

Once admitted, students must obtain personal health insurance for the duration of their studies, enroll in and attend International Student Orientation each semester during their first year, and deposit a \$500 security fee with the ACC Business Office, refundable when the student graduates or transfers.



International students interested in receiving admission information should send an international money order for \$25 to the Office of International Student Affairs, Alvin Community College, 3110 Mustang Road, Alvin, Texas 77511-4898, or call 281-756-3531.

## Evaluation of Previous Education

### Traditional Education

(For additional information regarding transfer of credits, see the Core Curriculum and Transfer section.)

Students are required to provide official transcripts from colleges and universities previously attended as part of the admission process. An incoming transcript is evaluated no later than one semester after receipt of the transcript. Students wishing to have their transcripts evaluated earlier should obtain a copy of the transcript(s) and a worksheet from the Registrar's Office and see a counselor or advisor for course evaluation.

Courses are freely transferable to Alvin Community College from regionally accredited institutions of post secondary education when content and credit hours are equivalent to ACC courses. If the core curriculum is completed at a single Texas public institution, the core will transfer to ACC and satisfy ACC's core curriculum. Individual core courses transfer to ACC on a one-for-one basis, e.g. math for math, science for science, etc., until ACC's core requirement is met. College-level course work for which there is no ACC equivalent may be transferred as elective credit. Course work from nonregionally accredited institutions may be considered under the nontraditional/experiential standards. Transferred grades must meet departmental certificate/degree criteria.

Transferred course work is posted to the student's record using ACC course identification to assist transfer students with course selection.

Proper course selection and the nonduplication of course work remain the responsibility of the student.

### Credit from Foreign Institutions

Students petitioning to receive transfer credit from foreign institutions must have their transcript evaluated and translated into English by an approved evaluation service. ACC will accept an evaluation from the following evaluators:

- Educational Credential Evaluators
- International Research Foundation—  
Credential Evaluation Service
- SpanTran
- World Education Services

Inquiries regarding these services should be directed to the International Student Affairs Office at 281-756-3531.

### Tech-Prep Education

A Tech Prep program is a state-approved sequence of courses which begins in high school and continues with a two-year associate of applied science degree from a community college. Each program integrates academic and technical instruction, with an emphasis on students beginning their preparation while in high school, thus reducing duplication of courses and cost during the transition from

high school to the community college. Upon satisfactory completion of the high school component of the Tech Prep program, students may enter the community college program with articulated credit from their high school.

For more information on these programs, students should contact their High School Counselor or the Dean of Technical Programs at Alvin Community College. Students and parents are encouraged to view further information about Tech Prep at ACC on the website at <http://www.alvincollege.edu/NEWS/HIGHSCHOOL/TECHPREP/>.

Currently approved Tech Prep programs at ACC:

- Child Care and Development
- Communications – Radio Broadcasting, and Communications -  
Television Broadcasting
- Criminal Justice -Correctional Science
- Diagnostic Cardiovascular Sonography
- Drafting Technology
- Emergency Medical Technology
- Legal Assistant
- Management Development
- Marine Robotics
- Nursing Degree
- Nursing Transition (LVN to RN)
- Office Administration
- Respiratory Care
- Vocational Nursing

### Nontraditional Education

Nontraditional academic credit may be granted for education obtained through a variety of nontraditional methods including Continuing Education overlay courses, non-accredited private and technical college course work, military training, and credit by examination. Students are advised to confer with institutions to which they plan to transfer regarding acceptance of nontraditional credit.

The evaluation of nontraditional education is based upon the guidelines of the Southern Association of Colleges and Schools. Credit may also be awarded based on recommendations contained in the National Guide to Educational Credit for Training Programs published by the American Council on Education. This guide is located in the Registrar's Office and the Office of Admissions and Academic Advising.

Nontraditional credit will be evaluated and approved by the department chair and the division chair or dean of the subject area for which credit is being requested, using the following guidelines:

- TSI requirements, including course pre/co-requisites, must be met prior to the award of nontraditional credit.
- The fees for the award of nontraditional credit are charged according to the type of credit being requested. Fees for all types of nontraditional credit are waived for veterans with honorable or general conditions discharge upon presentation of military documentation.
- A maximum of 21 hours of nontraditional credit may be awarded.
- Nontraditional credit may be awarded to an ACC matriculated student after the census date of the first semester.



- Credit is noted as nontraditional on the transcript and will receive a grade of S (satisfactory), with the exception of ACC departmental credit by exam and overlay courses.
- Applicants seeking nontraditional credit for courses that do not meet SACS criteria may apply for credit through the credit-by-exam option.
- Nontraditional credit will not be counted toward resident credit with the exception of ACC Continuing Education overlay classes.

Nontraditional credit may be awarded for the following types of education:

#### **Continuing Education Overlay Courses**

An overlay course is a semester-credit-hour course offered for continuing education units rather than academic credit by the ACC Continuing Education Department. Circumstances may occur which would benefit the student having the CE units converted to academic credit.

- Students enrolling in an overlay class with known intent to request conversion to academic credit should take the class for academic credit.
- Overlay classes will carry the same tuition and associated fees as credit classes. However, there is no charge for converting CE units to academic credit.
- Students wanting academic credit for CE units should complete the nontraditional evaluation form in the ACC Registrar's Office.
- Academic credit awarded will count as resident credit.
- A grade of A, B, or C will be assigned.

#### **College Level Examination Program (CLEP) and Advanced Placement (AP) Program**

- Credit for CLEP Subject and AP exams is considered non-traditional credit.
- Credit will be evaluated from an official score report sent directly to the Registrar's Office from the testing service.
- Credit will be based upon ACC recommended passing scores. A letter grade of S (satisfactory) will be awarded.
- If credit is approved, the student must pay the current hourly tuition rate for each course before credit is posted to a transcript (see #4 under **Procedures**).

#### **American Council on Education National Guide to Educational Credit for Training Programs (ACE Guide)**

ACC recognizes learning acquired through corporate universities, military training, professional and volunteer organizations, and other extra institutional learning providers.

- Students desiring credit must present documentation in support of the acquired skill and training experience.
- The evaluation and award of credit will be based upon the recommendation of the ACE Guide.
- If credit is approved, the student must pay the current hourly tuition rate for each course before credit is posted to a transcript.

#### **Departmental Credit by Examination**

Departmental credit by examination is available only to fully admitted and currently registered students who have not attempted the course previously at ACC by either enrollment or examination. The student must:

- apply for Credit by Exam at the Registrar's Office and
- pay the current hourly tuition rate for each course prior to attempting credit by examination.

Credit and a letter grade of A, B, or C are awarded and posted to the student's transcript on successful completion of departmental examinations, except that the English Department grants credit for grades of A or B only. Courses completed by departmental examination are noted as Credit By Exam on the transcript.

#### **Life Work Experience**

Experiential learning (life experiences) will be considered for credit if documented by taking CLEP Subject, other nationally recognized exams, or departmental examinations.

#### **Procedures for Requesting Credit for Nontraditional Education**

1. The student initiates the request in the Registrar's Office by completing the appropriate form and presenting documentation if required.
2. The Registrar's Office sends the form to the appropriate department chair for evaluation. Departmental approval is not normally required for ACE Guide recommendations.
3. The department chair sends the form to the division chair or dean for final approval.
4. The form is returned to the Registrar's Office and a copy of the completed evaluation is mailed to the student along with an invoice if credit is based on CLEP/AP and ACE guidelines.
5. After payment is received, the nontraditional credit is posted to the student's academic record. A transcript showing posted credit is mailed to the student.



# CORE CURRICULUM

Associate in Arts and Associate in Science Degrees

Effective August 2004

Core Component	Course Options	Required Semester Hours
Communication	Required (6 hours): ENGL 1301 and ENGL 1302 Select one (3 hours): SPCH 1315 or SPCH 1318	9
Mathematics	Select one (3 hours): MATH 1314, MATH 1316, MATH 1324, MATH 1325, MATH 1332, MATH 1342, MATH 1348, MATH 1350, MATH 2412, MATH 2413, or MATH 2414	3
Natural Sciences	Select two (8 hours): BIOL 1406, BIOL 1407, BIOL 2401, BIOL 2402, CHEM 1405, CHEM 1407, CHEM 1411, CHEM 1412, GEOL 1401, GEOL 1403, GEOL 1404, PHYS 1401, PHYS 1402, PHYS 2425, or PHYS 2426	8
Visual and Performing Arts	Select one (3 hours): ARTS 1301, ARTS 1303, ARTS 1304, ARTS 2348, DRAM 1310, MUSI 1301, MUSI 1306, MUSI 1308, MUSI 1309, or MUSI 1310	3
Humanities	Select one (3 hours): ENGL 2322, ENGL 2323, ENGL 2326, ENGL 2332, ENGL 2333, HUMA 1301, HUMA 1302, PHIL 1301, PHIL 2306, or any sophomore level French, German, or Spanish course	3
Social and Behavioral Sciences	Required (6 hours): GOVT 2301 and GOVT 2302  Select two (6 hours): HIST 1301, HIST 1302, or HIST 2301  Select one (3 hours): ANTH 2346, ECON 2301, ECON 2302, GEOG 1301, GEOG 1303, PSYC 2301, PSYC 2308, PSYC 2314, PSYC 2317, SOCI 1301, SOCI 1306, SOCI 2301, SOCI 2319	15
Basic Computer Literacy	Select one (4 hours):  BCIS 1405, BCIS 1431, COSC 1401, COSC 1418, COSC 1420, or COSC 2420	4
<b>TOTAL CORE CURRICULUM CREDITS</b>		<b>45</b>

Academic Policies & Regulations



## Core Curriculum

The core curriculum described below is predicated on the judgment that a series of basic intellectual competencies -- reading, writing, speaking, listening, critical thinking, and computer literacy--is essential to the learning process in any discipline and thus should inform any core curriculum.

**READING:** Reading at the college level means the ability to analyze and interpret a variety of printed materials -- books, articles, and documents. A core curriculum should offer students the opportunity to master both general methods of analyzing printed materials and specific methods for analyzing the subject matter of individual disciplines.

**WRITING:** Competence in writing is the ability to produce clear, correct, and coherent prose adapted to purpose, occasion, and audience. Students need to be familiar with the writing process including how to discover a topic and how to develop and organize it, how to phrase it effectively for their audience. These abilities can be acquired only through practice and reflection.

**SPEAKING:** Competence in speaking is the ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience. Developing this competency includes acquiring poise and developing control of the language through experience in making presentations to small groups, to large groups, and through the media.

**LISTENING:** Listening at the college level means the ability to analyze and interpret various forms of spoken communication.

**CRITICAL THINKING:** Critical thinking embraces methods for applying both qualitative and quantitative skills analytically and creatively to subject matter in order to evaluate arguments and to construct alternative strategies. Problem solving is one of the applications of critical thinking, used to address an identified task.

**COMPUTER LITERACY:** Computer literacy at the college level means the ability to use computer-based technology in or communicating, solving problems, and acquiring information. Core-educated students should have an understanding of the limits, problems, and possibilities associated with the use of technology, and should have the tools necessary to evaluate and learn new technologies as they become available.

## Perspectives in the Core Curriculum

Alvin Community College's core curriculum is designed to help students:

1. Establish broad and multiple perspectives on the individual in relationship to the larger society and world in which he or she lives, and to understand the responsibilities of living in a culturally and ethnically diverse world;
2. Acquire the capacity to discuss and reflect upon individual, political, economic, and social aspects of life in order to understand ways in which to be responsible members of society;
3. Recognize the importance of maintaining health and wellness;
4. Develop a capacity to use knowledge of how technology and science affect their lives;

5. Develop personal values for ethical behavior;
6. Develop the ability to make aesthetic judgments;
7. Use logical reasoning in problem solving; and
8. Integrate knowledge and understand the interrelationships of the scholarly disciplines.

## Instruction and Content in the Core Curriculum

Education, as distinct from training, demands a knowledge of various contrasting views of human experience in the world. Both the humanities and the visual and performing arts deal with the individual's reaction to the human situation in analytical and creative ways. The social and behavioral sciences deal with the principles and norms that govern human interaction in society and in the production of goods and services. The natural sciences investigate the phenomena of the physical world. Mathematics examines relations among abstract quantities and is the language of the sciences. Composition and communication deal with oral and written language. Each of these disciplines, using its own methodology, offers a different perspective on human experience. Taken together, study in these disciplines provides a breadth of vision against which students can establish and reflect on their own goals and values.

The outcomes which are specified for the disciplinary areas are thus intended primarily to provide students with a perspective on their experience through an acquaintance with the subject matter and methodology of each discipline. They provide students with the opportunity to understand how these disciplines present varying views of the individual, society, and the world, and to appreciate the methods by which scholars in a given discipline organize and evaluate data. The perspectives acquired in these studies describe the potential, as well as the limitations, of each discipline in understanding the human experience.

The objective of disciplinary studies within a core curriculum is to foster multiple perspectives as well as to inform and deliver content. Disciplinary courses within a core curriculum should promote outcomes focused on the intellectual core competencies, as well as outcomes related to establishing perspectives, and the basic concepts in the discipline -- methods of analysis and interpretation specific to the discipline.

## Core Components and Related Educational Objectives

The following educational objectives have been used as basic guidelines for selected component areas within Alvin Community College's core curriculum. Educational objectives become the basis for faculty and institutional assessment of core components.

### COMMUNICATION (composition, speech)

The objective of a communication component of a core curriculum is to enable the student to communicate effectively in clear and correct prose in a style appropriate to the subject, occasion, and audience.

### Educational Objectives

1. To understand and demonstrate writing and speaking processes through invention, organization,



- drafting, revision, editing, and presentation.
- To understand the importance of specifying audience and purpose and to select appropriate communication choices.
  - To understand and appropriately apply modes of expression, i.e., descriptive, expository, narrative, scientific, and self-expressive, in written, visual, and oral communication.
  - To participate effectively in groups with emphasis on listening, critical and reflective thinking, and responding.
  - To understand and apply basic principles of critical thinking, problem solving, and technical proficiency in the development of exposition and argument.
  - To develop the ability to research and write a documented paper and/or to give an oral presentation.

## MATHEMATICS

The objective of the mathematics component of the core curriculum is to develop a quantitatively literate college graduate. Every college graduate should be able to apply basic mathematical tools in the solution of real-world problems.

### Educational Objectives

- To apply arithmetic, algebraic, geometric, higher-order thinking, and statistical methods to modeling and solving real-world situations.
- To represent and evaluate basic mathematical information verbally, numerically, graphically, and symbolically.
- To expand mathematical reasoning skills and formal logic to develop convincing mathematical arguments.
- To use appropriate technology to enhance mathematical thinking and understanding and to solve mathematical problems and judge the reasonableness of the results.
- To interpret mathematical models such as formulas, graphs, tables and schematics, and draw inferences from them.
- To recognize the limitations of mathematical and statistical models.
- To develop the view that mathematics is an evolving discipline, interrelated with human culture, and to understand its connections to other disciplines.

## NATURAL SCIENCES

The objective of the study of a natural sciences component of a core curriculum is to enable the student to understand, construct, and evaluate relationships in the natural sciences, and to enable the student to understand the basis for building and testing theories.

### Educational Objectives

- To understand and apply method and appropriate technology to the study of natural sciences.
- To recognize scientific and quantitative methods and the differences between these approaches and other methods of inquiry and to communicate findings, analysis, and interpretation both orally and in writing.
- To identify and recognize the differences among

competing scientific theories.

- To demonstrate knowledge of the major issues and problems facing modern science, including issues that touch on ethics, values, and public policies.
- To demonstrate knowledge of the interdependence of science and technology and their influence on, and contribution to, modern culture.

## HUMANITIES AND VISUAL AND PERFORMING ARTS

The objective of the humanities and visual and performing arts in a core curriculum is to expand students' knowledge of the human condition and human cultures, especially in relation to behaviors, ideas, and values expressed in works of human imagination and thought. Through study in disciplines such as literature, philosophy, and the visual and performing arts, students will engage in critical analysis, form aesthetic judgments, and develop an appreciation of the arts and humanities as fundamental to the health and survival of any society. Students should have experiences in both the arts and humanities.

### Educational Objectives

- To demonstrate awareness of the scope and variety of works in the arts and humanities.
- To understand those works as expressions of individual and human values within a historical and social context.
- To respond critically to works in the arts and humanities.
- To engage in the creative process or interpretive performance and comprehend the physical and intellectual demands required of the author or visual or performing artist.
- To articulate an informed personal reaction to works in the arts and humanities.
- To develop an appreciation for the aesthetic principles that guide or govern the humanities and arts.
- To demonstrate knowledge of the influence of literature, philosophy, and/or the arts in intercultural experiences.

## SOCIAL AND BEHAVIORAL SCIENCES

The objective of a social and behavioral science component of a core curriculum is to increase students' knowledge of how social and behavioral scientists discover, describe, and explain the behaviors and interactions among individuals, groups, institutions, events, and ideas. Such knowledge will better equip students to understand themselves and the roles they play in addressing the issues facing humanity.

### Educational Objectives

- To employ the appropriate methods, technologies, and data that social and behavioral scientists use to investigate the human condition.
- To examine social institutions and processes across a range of historical periods, social structures, and cultures.
- To use and critique alternative explanatory systems or theories.



4. To develop and communicate alternative explanations or solutions for contemporary social issues.
5. To analyze the effects of historical, social, political, economic, cultural, and global forces on the area under study.
6. To comprehend the origins and evolution of U.S. and Texas political systems, with a focus on the growth of political institutions, the constitutions of the U.S. and Texas, federalism, civil liberties, and civil and human rights.
7. To understand the evolution and current role of the U.S. in the world.
8. To differentiate and analyze historical evidence (documentary and statistical) and differing points of view.
9. To recognize and apply reasonable criteria for the acceptability of historical evidence and social research.
10. To analyze, critically assess, and develop creative solutions to public policy problems.
11. To recognize and assume one's responsibility as a citizen in a democratic society by learning to think for oneself, by engaging in public discourse, and by obtaining information through the news media and other appropriate information sources about politics and public policy.
12. To identify and understand differences and commonalities within diverse cultures.

### Core Curriculum and Transfer

Under the Core Curriculum transfer rules and regulations, all Texas public colleges and universities must accept transfer of credit for successfully completed courses from ACC's Core Curriculum. (Note: Some universities may deny the transfer of credit in courses with a grade of "D.") If a student successfully completes ACC's core curriculum, that block of courses may be transferred to any other Texas public institution of higher education and must be substituted for the receiving institution's core curriculum (see "D" grade exception above). Generally, a student may not be required to take additional core curriculum courses at the receiving institution unless that institution has a larger Board approved core curriculum.

If Alvin Community College has cause to believe that a course being presented by a student for transfer from another college is not of an acceptable level of quality, ACC will contact the sending institution and attempt to resolve the problem. In the event a satisfactory resolution is not reached, the College will notify the Commissioner of Higher Education, who may investigate the course. If its quality is found to be unacceptable, the Board may discontinue funding for the course.

### Resolution of Transfer Disputes

The following procedures shall be followed by public institutions of higher education in the resolution of credit transfer disputes involving lower-division courses:

1. If an institution of higher education does not accept course credit earned by a student at another institution of higher education, the receiving institution shall give written notice to the student and to the sending institution that transfer of the course credit is denied.
2. The two institutions and the student shall attempt to

resolve the transfer of the course credit in accordance with Coordinating Board rules and/or guidelines.

3. If the transfer dispute is not resolved to the satisfaction of the student or the sending institution within 45 days after the date the student received written notice of denial, the institution whose credit is denied for transfer shall notify the Commissioner of the denial.

The Commissioner of Higher Education or the Commissioner's designee shall make the final determination about the dispute concerning the transfer of course credit and give written notice of the determination to the involved student and institution.

### Field of Study Curriculum

In January of 1997, the 75th legislature passed Senate Bill (SB) 148, which allows a set of courses, a "field of study curriculum," to satisfy the lower division requirements for a bachelor's degree in a specific academic area at a general academic teaching institution.

Field of study curriculums are available at Alvin Community College for the following departments:

- Business Administration
- Child Development/Early Childhood
- Communication
- Criminal Justice
- Nursing
- Music

Students are encouraged to seek advisement from the department chair or an ACC academic advisor regarding transfer of these courses.

### Teacher Preparation

Each upper division institution requires a method of evaluating the reading, writing and math skills of candidates seeking admission to educator preparation programs. It is the student's responsibility to become acquainted with the requirements of the education department in the college or university to which he/she expects to transfer.

### Physical Activity Requirement

Alvin Community College recognizes the importance of physical activity/education as a collegiate concept. Therefore, the College requires two semester hours of physical activity as partial satisfaction of degree requirements. The two physical activity courses may have the same number if the courses are taken during different semesters. **Students are strongly advised to research the transferability of repeated courses before enrollment.** Three-semester-hour PHED classes do not meet the physical activity requirement.

### Registration

All credit students must be admitted and comply with TSI requirements before they may register for classes. Registration dates for semester-length courses and mini courses are listed in the Academic Calendar of this catalog. In addition, dates and other pertinent information are published each semester in the class schedule and are subject to change.



## Schedule Changes

Students who need to change their schedule (classes and/or times) must do so according to procedures and dates published in the Class Schedule.

## Registration Requirements for Transfer Students

Transfer students should bring copies of transcripts and proof of TSI status score reports to registration. Without these documents, the student may face delays.

## Class Schedules

Class schedules are considered implementation of College policy and an extension of the catalog. The schedule contains courses being offered during the given semester and are distributed in time for all scheduled registrations. At the time schedules are published, it is the intention of the College to teach the classes according to the published information (date, time, instructor, location). The College reserves the right, however, to make necessary adjustments to the schedule as circumstances warrant.

## Audit Registration

Audit registration is permitted on the last day of late registration each semester on a space available basis to admitted students who do not wish credit for the course.

To audit a course, students must complete admission to the college and an Audit Registration form in the office of Admissions and Academic Advising. Payment for audit registration is due immediately. Charges and refunds for audit registration are the same as for credit registration.

Students who register in a course for credit may not change their registration status to audit. Likewise, students who register in a course for audit may not change their registration status to credit.

## Senior Citizens Audit Registration

Residents of the ACC District who are 65 years or older are permitted to audit without payment of tuition and fees, on a space-available basis, any course the College offers (Texas Education Code 54.210). Applicants need to provide evidence of age. See Audit Registration section above.

## Refund Policy

Refunds will be mailed approximately six weeks after the close of registration. A student's eligibility for a refund is based on these regulations:

- The student must officially withdraw in writing (see *Withdrawing from Classes* section).
- Withdrawals are dated the day they are received in the Registrar's Office.
- Class-day count begins at 8:00 a.m. on the date identified "Classes Begin" in the Academic Calendar each semester.
- If tuition and fees are paid with financial aid, the refund

is applied first to the financial aid source and then to the student.

- Refunds for Title IV grants are made according to the refund schedule available in the Financial Aid Office.

## Refund-Withdrawing from Courses

Students who withdraw from any or all courses on the days listed below will receive the refund indicated.

Fall and Spring Semesters:

Prior to 1st class day of semester term . . . . . 100% refund  
 1st through 15th class day of semester term . . . . . 70% refund  
 16th through 20th class day of semester term . . . . . 25% refund  
 After 20th class day of semester term . . . . . No refund

Summer Sessions (6-week classes):

Prior to 1st class day of semester term . . . . . 100% refund  
 1st through 5th class day of semester term . . . . . 70% refund  
 6th through 7th class day of semester term . . . . . 25% refund  
 After 7th class day of semester term . . . . . No refund

Summer Session (11-week classes):

Prior to 1st class day of semester term . . . . . 100% refund  
 1st through 12th class day of semester term . . . . . 70% refund  
 13th through 15th class day of semester term . . . . . 25% refund  
 After 15th class day of semester term . . . . . No refund

## Refunds-Schedule Changes

If students change their schedules and the net result is an increase in tuition and fees, they must pay the difference. If the net result is a decrease in tuition and fees, the refund is based on the refund schedule. If the net result is no change in tuition and fees, there is no charge. All schedules/fee statements must be turned in to the Business Office. Dates for scheduled changes are published in class schedules.

## Academic Classifications

Academic classification is determined as follows:

- Freshman:** less than 30 semester hours
- Sophomore:** 30 - 60 semester hours
- Unclassified:** more than 60 semester hours

## Course Load

Students are responsible for determining the academic load they can successfully complete during each semester within compliance of college regulations. Hours taken concurrently at another college are included when determining academic load at ACC.

## Full-time Load:

- Fall and Spring semester - 12 or more semester hours
- Summer 11-Week session - 8 -14 semester hours
- Summer Six-Week session - 4 - 7 semester hours



## Fall 2004 - Spring 2005

This schedule represents fees for the Fall 2004 & Spring 2005 based on residency status and number of hours taken. ACC may change tuition rates and other charges without notice when so directed by the Board of Trustees.

Cred. Hrs	Tuition			Gen. Svc. Fee	Tech Fee	Reg. Fee	Stu. Serv. Fee	Sec. Fee	Total Charges*		
	Res-In	Res-Out	Non-Res						Res-In	Res-Out	Non-Res
1	\$78	\$156	\$288	\$5	\$20	\$21	\$17	\$10	\$151	\$229	\$361
2	78	156	288	10	20	21	17	10	156	234	366
3	78	156	288	15	20	21	17	10	161	239	371
4	104	208	384	20	20	21	17	10	192	296	472
5	130	260	480	25	20	21	17	10	223	353	573
6	156	312	576	30	20	21	17	10	254	410	674
7	182	364	672	35	30	21	17	10	295	477	785
8	208	416	768	40	30	21	17	10	326	534	886
9	234	468	864	45	30	21	17	10	357	591	987
10	260	520	960	50	30	21	17	10	388	648	1,088
11	286	572	1,056	55	30	21	17	10	419	705	1,189
12	312	624	1,152	60	30	21	17	10	450	762	1,290
13	338	676	1,248	65	30	21	17	10	481	819	1,391
14	364	728	1,344	70	30	21	17	10	512	876	1,492
15	390	780	1,440	75	30	21	17	10	543	933	1,593
16	416	832	1,536	80	30	21	17	10	574	990	1,694
17	442	884	1,632	85	30	21	17	10	605	1,047	1,795
18	468	936	1,728	90	30	21	17	10	636	1,104	1,896
19	494	988	1,824	95	30	21	17	10	667	1,161	1,997
20	520	1,040	1,920	100	30	21	17	10	698	1,218	2,098

\*Other specific course fees may apply

## Summer 1 and Summer 2, 2005

Cred. Hrs	Tuition			Gen. Svc. Fee	Tech Fee	Reg. Fee	Stu. Serv. Fee	Sec. Fee	Total Charges*		
	Res-In	Res-Out	Non-Res						Res-In	Res-Out	Non-Res
1	\$78	\$156	\$288	\$5	\$20	\$21	\$6	\$5	\$135	\$213	\$345
2	78	156	288	10	20	21	6	5	140	218	350
3	78	156	288	15	20	21	6	5	145	223	355
4	104	208	384	20	20	21	6	5	176	280	456
5	130	260	480	25	20	21	6	5	207	337	557
6	156	312	576	30	20	21	6	5	238	394	658
7	182	364	672	35	30	21	6	5	279	461	769
8	208	416	768	40	30	21	6	5	310	518	870
9	234	468	864	45	30	21	6	5	341	575	971
10	260	520	960	50	30	21	6	5	372	632	1,072
11	286	572	1,056	55	30	21	6	5	403	689	1,173
12	312	624	1,152	60	30	21	6	5	434	746	1,274
13	338	676	1,248	65	30	21	6	5	465	803	1,375
14	364	728	1,344	70	30	21	6	5	496	860	1,476

\*Other specific course fees may apply

### Definitions for Column Headings

- Res-In:** Resident-In District - \$26 per credit hour
- Res-Out:** Resident-Out of District - \$52 per credit hour
- Non-Res:** Non-resident (Out-of-state or International Student) - \$96 per credit hour

- Gen. Svc. Fee:** General Service Fee
- Tech Fee:** The Technology Fee supports student access to computer and instructional technologies.
- Reg. Fee:** Registration Fee
- Stu. Serv:** Student Service Fee
- Sec. Fee:** Security Fee



### **Maximum Academic Course Load**

- Fall and Spring semester - 18 semester hours
- Summer 11-Week session - 14 hours
- Summer Six-Week session - 7 semester hours
- Combined Summer Six-Week and  
11-Week sessions - 14 semester hours
- 8-Week Mini session - 6 semester hours
- 3-Week Mini session - 3 semester hours

### **Student Overload Policy**

Students may enroll in a maximum of 18 hours during the fall and spring term. A student may petition to the Associate Dean of Student Services for up to an additional 6 hours if his/her cumulative grade point average is a 3.0 or higher on a minimum of twelve completed hours.

Students may enroll in a maximum of 14 hours during the combined summer terms. A student may petition to the Associate Dean of Student Services for up to an additional 3 hours if his/her cumulative grade point average is 3.0 or higher on a minimum of twelve completed hours.

#### **NOTE:**

- Students receiving financial aid must meet the credit-hour requirements for their financial aid program.
- Students receiving VA benefits should consult with the VA coordinator to determine enrollment status.
- Students seeking loan deferrals should consult with the Records Office to determine course load requirements.

### **Tuition and Fees**

Tuition and fees are subject to change without notice by action of the ACC District Board of Trustees or the State of Texas. Tuition and fees are based on a student's resident status and the number of hours taken. If a student's resident status changes, the student must go to the Registrar's Office to make corrections before registering for classes. Tuition and fees are charged for each registration: Fall, Spring, Summer 1, and Summer 2. Students may not attend classes unless tuition and fees are paid.

### **Installment Plan**

Students may opt to pay for tuition and fees on the installment plan. This plan allows a student to pay 50% of total tuition and fees at enrollment and the remaining tuition and fees in two equal installments thereafter. The dates of the installments are set by the college. A non refundable \$20 fee is assessed at the time the installment plan is executed. Any student failing to make the 2nd or 3rd installment plan is subject to fines/penalties, withdraws for non payment and may forfeit credit for courses if the installment plan is not paid by the end of the semester. If a student is withdrawn for non payment all tuition, fees, fines and penalties are collected along with a \$100 reinstatement fee before further class attendance is permitted.

The installment plan is a legally binding contract. Students must be 18 years of age to sign the installment plan, or a parent/guardian must sign in their place. Installment plans are available beginning

with early registration through late registration.

### **Course-Related Fees**

Lab fees are charged for various courses to offset expenses for materials and supplies used in classroom instruction and lab assignments. Other fees may be charged for courses such as Internet and TV courses, private music lessons, scuba diving, bowling, etc. These fees vary based upon the course and are subject to change without notice. Current fees are published each semester in the Class Schedule.

### **Tuition Adjustment for Ad Valorem Tax Payers**

College District property owners and their dependents who are Texas residents and do not physically reside in the district are eligible for a waiver of out-district fees. To qualify for a waiver, a student must prove eligibility by noon on the census date for the given semester by providing an ad valorem tax receipt showing ACC District tax status (available at Brazoria County Substation). If the student is a dependent, the student must provide the parent's IRS 1040 for the previous year and an affidavit of dependency for the current year.

### **Tuition Adjustment for Concurrent Enrollment**

Concurrently enrolled student who registers for 5 or less hours at ACC may receive a tuition adjustment if his/her enrollment at another college/university was prior to ACC registration. To determine eligibility for this adjustment, student must bring a paid registration receipt from the other college/university to the Business Office.

Tuition adjustment requests must be completed by the census date of the semester for which the adjustment is requested (see class schedule). Tuition adjustments are not available during the college mini terms.

### **Inclement Weather & Closing of the College**

Alvin Community College schedules its instruction to comply with the Common Calendar published by the Texas Higher Education Coordinating Board. College instructors meet all scheduled classes as published in the class schedule. If severe weather or emergency situations make it advisable to discontinue classes, the college makes every effort to notify its students through local television, radio stations and the ACC website at [www.alvincollege.edu](http://www.alvincollege.edu) or [www.school-closings.net](http://www.school-closings.net). Make-up days for official college closings will be scheduled as needed.

If a student is in an area experiencing severe weather and the college has not officially closed, it is that student's responsibility to exercise caution and decide whether to risk coming to class. Should the student decide not to attend class, the student must contact the instructor about the instructor's rules for make-up work.



## Emergency Student Notification

In case of an emergency, students may be contacted through the Alvin Community College Campus Police Office, 281-756-3700.

## Attendance Policy

Students may not attend classes without completing registration, including payment of all tuition and fees. Students who fail to meet payment deadline will be withdrawn.

Failure to attend class sections for which the student is officially registered will result in a failing (F) grade. (Also see sections on Schedule Changes and Withdrawing from Classes.)

Regular attendance in classes is expected. If an absence is unavoidable, the student is responsible for completing all work missed during the absence. Any work missed and not subsequently completed will affect the grade of the student regardless of the reason for the absence.

Students who are enrolled in developmental courses because of TSI requirements must attend classes and participate in instructional activities. Failure to attend and participate could result in being dropped from all classes. Students unable to attend should contact their instructors as soon as possible concerning the absence.

## Administrative Withdrawal

Instructors may administratively withdraw students who exceed course absence standards. Absences of 6 hours or more (unless otherwise stipulated by the Student Information Plan for a specific course) constitute excessive absences.

## Classroom Conduct

Faculty members are authorized to establish rules of conduct within the classroom. He/she has the right to suspend a student from class whenever the behavior is believed to be disruptive or inappropriate. Children of enrolled students may not attend classes or related activities. Cell phones and other electronic devices are prohibited. Violators are subject to disciplinary action as outlined in the Alvin Community College Student Handbook and Alvin Community College Procedures Manual.

## Withdrawing from Classes

Students who have registered and paid for courses are considered enrolled until they officially withdraw by completing a Withdrawal Form in the Admissions and Academic Advising Office. The form must be received by the deadline (see Academic Calendar). Ceasing to attend class does not terminate enrollment. Therefore, a student who ceases to attend class without officially withdrawing from that class will receive a failing grade.

Students wishing to withdraw should consult the procedures detailed in the Class Schedule. The withdrawal is not official until it is received in the Registrar's Office. All withdrawals must be consistent with TSI guidelines.

Students should withdraw in person; however, a signed request mailed to the Admissions and Academic Advising Office or faxed to (281) 756-3843 is acceptable. The official withdrawal date is the date the withdrawal is received.

Withdrawing from classes may affect a student's enrollment in other courses, insurance eligibility, and eligibility for financial aid and/or veterans benefits for **both current recipients and future applicants**. Therefore, before withdrawing, students are advised to:

- review insurance policies regarding college attendance requirements (usually applies to students carried on parents' health/insurance plans) and/or
- consult with the Financial Aid Office and/or
- consult with the Veterans Coordinator.

## Military Service Policy

Any student who is called into active military service, upon presentation of military orders, may request through the Associate Dean of Student Services the following:

- Institutional refund of the tuition and fees paid for the semester of the withdrawal;
- Receive an incomplete grade in all courses by designating "withdrawn-military" on the student's transcript, or;
- As determined by the instructor, receive an appropriate final grade or credit if the student has satisfactorily completed a substantial amount of course work and who has demonstrated sufficient mastery of the course material.

There will be no penalty assessed to students receiving any form of financial aid.

## Grades for Withdrawals

Courses dropped on or before the census date each semester are not recorded on the student's transcript. Course withdrawals received in the Registrar's Office after the census date and before the withdrawal deadline for each semester are recorded on the student's transcript with the grade of W.

## Grades for Repeated Courses

If a student repeats a course in which a grade (A-F) has been received, the highest grade received is the permanent grade for the course and is used in computing the cumulative grade point average. However, all grades earned in a given course are entered on the transcript, and other colleges may compute the grade point average in a manner different from that of Alvin Community College.

## Grading

### GRADE-POINT VALUE

- A Excellent – Four grade points per semester hour
- B Good – Three grade points per semester hour
- C Average – Two grade points per semester hour
- D Poor – One grade point per semester hour
- F Failure – No grade points per semester hour
- AU Audit – Grade points not assigned
  - An AU grade is assigned to any student who registers for a course under Audit Registration rules. The audit grade remains on the student's transcript whether or not the student attends the entire course.
- I Incomplete – Grade points not assigned
  - An I may be awarded when the instructor determines that minimal work on the part of the student and the instructor will



complete the course requirements. An I grade not changed by the instructor to a grade of completion (A, B, C, D, or F) by the end of the following semester (December, May, August) will automatically be changed to an F.

- IP In Progress – Grade points not assigned  
An IP is a temporary notation that appears on a student's official transcript. It indicates semester hours in progress.
- R Re-enroll – Grade points not assigned  
The R grade is used only with court reporting courses (machine shorthand, POFT 1228, CRTR 2331 only) and developmental courses when the student is making satisfactory progress toward course objectives and needs additional time and instruction to master the material.
- S Satisfactory – Grade points not assigned  
The S grade is used only for noncourse-based developmental instruction and nontraditional education.
- U Unsatisfactory – Grade points not assigned  
The U grade is used only for noncourse-based developmental instruction.
- W Withdrawn – Grade points not assigned  
Students who file withdrawal requests by the published deadline will receive a W grade.

**Calculation of Grade Points**

Grade points earned are calculated by multiplying the semester hour value of a course attempted at Alvin Community College by the grade point value of the grade received in the course for grades of A, B, C, D or F. The grades of AU, I, IP, R, S, and W have no point value and are not included in any grade point calculation. Example: A 3-semester-hour course graded A produces 12 grade points.

**Grade Point Averages**

Grade point averages at Alvin Community College are calculated as follows:

**Cumulative Grade Point Average** is computed by dividing the total grade points earned by the total semester hours for all courses attempted at Alvin Community College including developmental courses. However, if a course is repeated, only the highest grade is used in calculating the cumulative grade point average. (See also Grades for Repeated Courses.)

**Semester Grade Point Average** is computed by dividing the total semester grade points earned by the total semester hours in all courses attempted at Alvin Community College for the semester.

**Graduation Grade Point Average** is computed by dividing the total semester grade points earned by the total semester hours for all courses required for a particular certificate or degree. If a course is repeated, only the highest grade will be used. This calculation is used to determine the minimum GPA graduation standard of 2.0 for each degree awarded. This GPA is not posted to a student transcript.

**Graduation Honors Grade Point Average**

Degree candidates whose grade-point average at Alvin Community College is 3.2 or higher will receive honors recognition at graduation. The grade-point average includes all credit hours

completed in residence at ACC (excluding developmental courses) and all grades for repeated courses. It GPA is not posted to a student transcript.

Appropriate scholastic achievement honors are recorded on the student's transcript as follows:

- 3.2 grade point average - Cum Laude (with honors)
- 3.5 grade point average - Magna Cum Laude (with high honors)
- 3.8 grade point average - Summa Cum Laude (with highest honors)

**Grade Range**

As a general guide, the following letter grades are assigned for percentage grades:

Grade	Range
A	90-100
B	80-89
C	70-79
D	60-69
F	Less than 60

Exceptions to this grading system exist and are published in the Student Information Plan distributed in class.

**Grade Reporting**

Grades are assigned by instructors and may be based on several factors such as class and/or laboratory performance, test scores, departmental academic requirements, and attendance. Instructors' grading requirements are included in the Student Information Plan (SIP) distributed in class.

Grades are available to students by the following means:

- Transcripts provided by the Registrar's Office
- Online through WebACCess at [www.alvincollege.edu](http://www.alvincollege.edu)

**Grade Change Petition**

Grade change requests begin with the course instructor and must be approved by the instructor and the immediate supervisor.

A student who wishes to challenge a course grade must first discuss the matter with the instructor. If no resolution is reached and the student wishes to pursue the challenge, a written appeal must be presented to the department chair or division chair. Further appeals will be directed through the appropriate division chair, the Dean of Technical Programs and/or the Dean of Instruction, Student and Community Services, and the Academic Affairs Committee. The decision of the Academic Affairs Committee is final. The student has one year from the date of assignment to challenge a grade.

**Academic Honors**

**Presidential Scholar**

Presidential scholars are selected during the spring term. A student may receive the honor one time only. To be designated a Presidential Scholar, a student must have:

- completed 45 college-level semester hours at Alvin Community College, excluding sports and human performance activity credits,



- completed 18 of the 45 semester hours in university-parallel courses,
- earned a 3.9 grade point average on all college-level courses taken at ACC with no grade below a B, and
- completed at least 12 college-level semester hours at ACC during the previous calendar year.

#### Dean's List

Through the Dean's List, the College honors the scholastic achievement of full-time students. Issued each fall and spring semester, it contains the names of all students who have earned 12 or more resident, college-level, semester hours during the semester with a minimum 3.5 grade-point average with no grade lower than a C. Resident college-level courses exclude credit-by-exam, nontraditional, transfer, and developmental courses.

#### Merit List

Through the Merit List, the College honors the scholastic achievement of part-time students. Issued each fall and spring semester, it contains the names of all students who have earned 7-11 resident, college-level, semester hours during the semester with a minimum 3.5 grade-point average with no F or U grades. Resident college-level courses exclude credit-by-exam, nontraditional, transfer, and developmental courses.

### Academic Suspension/Probation

The concept of academic suspension or academic dismissal based on grade point average alone is contrary to the College's philosophy. However, students who do not make satisfactory progress in the following curriculums will be subject to removal from the curriculum:

Court Reporting  
Diagnostic Cardiovascular Sonography  
Nursing  
Nursing - Transition  
Respiratory Care  
Vocational Nursing

See the requirements for each curriculum in the Educational Programs section of this catalog.

Students are placed on academic probation when they fail to maintain at least a 2.0 cumulative grade-point average (GPA) on a minimum of 6 semester hours. The probation stands until the cumulative GPA is raised to 2.0 or higher. Students with a cumulative GPA and last-semester GPA of less than 2.0 are required to meet with a counselor prior to registration to verify the conditions necessary for continued enrollment at the College. The maximum course load is limited to 13 credit hours.

Students on financial aid will be given a Satisfactory Progress Form to identify the requirements they must meet to continue receiving financial aid each semester.

### Release of Student Information

Other than **directory** information (see below), the College does not release any information concerning a student without the written consent of the student (or the parent, if the student is a minor).

The law, however, requires that the college release student **directory** information to individuals and organizations upon request. Directory information includes the following: name; date of birth; field of study; enrollment status (full-time, part-time, undergraduate, etc.); degrees, certificates, and other awards received; the type of award received (academic, technical, Tech-Prep, or continuing education); dates of attendance; student classification; and name of the most recent previous institution attended.

Students must notify the Registrar's Office by the census date of each term if any of the information listed above is not to be released.

### Name or Address Change

Students are responsible for maintaining current personal information in their ACC file by completing a Student Data Change Request Form in the Registrar's Office. Personal information includes such items as name, address, telephone number, and emergency contact. Any communication mailed to the name and address on file is considered delivered. The Registrar's Office will place a restriction on a student's records if the Post Office returns the student's mail because of an incorrect address.

### Challenge to Accuracy of Records

Students who desire to challenge the accuracy of their records must present their request in writing to the Registrar. Forms are available in the Registrar's Office.

### Records Restriction

A restriction will be placed on a student's records for an incorrect address or an outstanding obligation, such as required documents, unreturned library books, traffic violation, child care expenses and financial aid or business obligation. The restriction may prohibit the student from future registration, releasing his records (transcript) for any purpose, and graduation. The Registrar's Office will assist the student in determining the office which placed the restriction. The student must go to the appropriate department (i.e., library, college police, etc.) to clear the obligation.

### Transcript Requests

Students may request official transcripts by completing the Request for Transcript Service form in the Registrar's Office or by letter or fax, (281) 756-3834. The letter or fax must include the student's name at the time of last attendance, current name, social security number, date of birth, approximate date of last attendance, and signature. Phone requests are accepted when the transcript is to be mailed to another college or university; call (281) 756-3502. All requests must provide a complete address to which the transcript is to be sent.

Except for peak operational periods, transcripts are provided within 24 hours of receipt of the request. There is no charge for transcripts sent by regular, first-class mail. Express transcript service is provided



when pre-paid and arranged for by the student. Students must contact the express service for rates and procedures.

## Grievance Procedure

Students who have a grievance not covered by other sections of this catalog should first discuss the matter with the individual concerned. If the student wishes to pursue the matter, he must present his grievance in writing to the department chair or program director. If necessary, the grievance will then be directed through the appropriate division chair to the Dean of Instruction, Student and Community Services, and the Academic Affairs Committee. If the matter is still unresolved, the student may request through the President a hearing before the Board of Trustees.

Questions concerning other grievances (sexual harassment, disability/access, and discrimination) should be directed to the Associate Dean of Student Services.

## Developmental Courses

The College offers developmental courses in basic math, reading, and English, as well as a developmental psychology course that focuses on study skills. Students who need full-time status may register for up to 12 semester hours of developmental courses. TSI-obligated students who have a placement score below the college level must enroll and participate in the appropriate developmental course. In addition, financial aid recipients who need developmental courses must also be enrolled in at least one college level course. For more information, contact the Office of Admissions and Academic Advising.

### Developmental Courses:

English 0309, English 0310

Math 0309, Math 0310, Math 0312

Reading 0309, Reading 0310, Reading 0312

Psychology 0309

Developmental courses receive local credit; however, they may not be used to fulfill the requirements for a degree or certificate and do not transfer. Grades earned in developmental courses will not be used to qualify for the Dean's or merit list or graduation with honors status.

## Graduation

### Commencement Ceremony

All graduates are encouraged to participate in the Commencement Ceremony. ACC conducts one Commencement Ceremony each year in May for fall, spring and summer graduates. Students participating in the ceremony must purchase a cap and gown through the ACC College Store by the published deadline.

### Graduation Requirements

The College does not automatically award a degree or certificate when a student has completed the requirements. To receive a degree or certificate, a student must apply for graduation in the Registrar's Office. Deadlines and fees for graduation application are published in the semester's class schedule.

To graduate at ACC, a student must:

1. meet entrance requirements.
2. complete 24 college-level semester hours in residence at Alvin Community College for an associate degree; complete 12 college-level semester hours in residence for a certificate. In either program, at least half the hours in residence must be the student's major. Semester hours granted for nontraditional education, including credit by examination, do not apply toward hours in residence required for graduation.
3. earn a minimum 2.0 grade point average in courses completed at ACC which apply to the student's particular degree or certificate, and a minimum 2.0 in combined ACC courses and transfer courses which apply to the student's particular degree or certificate.
4. complete two semester hours of physical activity courses for a two-year program.
5. complete requirements of the Texas Success Initiative (TSI), if not exempt.
6. file an application for graduation with the Registrar's Office by the deadline.
7. resolve all financial obligations to the College and return all borrowed materials including library books. Students who fail to resolve such obligations will have a restriction placed on their records, prohibiting graduation.

If a graduation applicant does not fulfill degree or certificate requirements in the designated semester, the applicant must reapply.

### Graduation Under A Particular Catalog

To graduate, students must complete the study requirements of the ACC Catalog in effect at the time a degree or certificate program is elected. Degree or certificate program election is normally accomplished during the admission process. To change an election, a new degree or certificate plan must be filed with the Registrar's Office. Students who interrupt their studies for more than four consecutive semesters (fall, spring, summer 1 and summer 2) must meet the requirements of the catalog under which they are readmitted. Students have the option of moving to the current catalog year while staying with the same degree and/or certificate program.

### Course Substitution

Semester credit hours and core academic requirements for a degree or certificate will not be waived. Substitutions for other requirements must be approved by the appropriate department chair, division chair and dean. Application for substitution may be initiated through the Office of Admissions and Academic Advising, department chair, or Registrar's Office.

### Graduation Honors GPA

Degree candidates whose grade-point average at Alvin Community College is 3.5 or higher will receive honors recognition at graduation. The grade-point average includes all credit hours completed in residence at ACC (excluding developmental courses) and all grades for repeated courses.



Appropriate scholastic achievement honors are recorded on the student's transcript as follows:

- 3.5 grade point average - Cum Laude (with honors)
- 3.7 grade point average - Magna Cum Laude (with high honors)
- 3.9 grade point average - Summa Cum Laude (with highest honors)

## Educational Guarantee

### University Parallel Programs – Transfer Credit

Alvin Community College hereby guarantees to students who have graduated with the Associate of Arts or Associate of Science degree in May 1993 and thereafter that the course credits earned as part of these degree programs will transfer to those Texas colleges or universities which cooperate in the development of ACC's Transfer Guide provided the following conditions have been met:

1. Transferability means acceptance of credit toward a specific major and degree. Courses must be identified by the receiving university as transferable and applicable in the Transfer Guide dated 1991-92 or later.
2. Limitation 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. Only college-level courses with Community College General Academic Course Guide Manual approved numbers are included in this guarantee.
4. To be eligible for the guarantee, the student must file a written transfer plan with the Office of Admissions and Academic Advising.

The transfer plan must include:

- courses to be taken for transfer,
- the name of the institution to which the student plans to transfer,
- the bachelor's degree and major the student plans to pursue,
- the date the decision was made, and
- an Associate in Arts or Associate of Science degree plan.

If all of the above conditions are met and a course or courses are not accepted by a receiving institution in transfer, the student must notify the Dean of Instruction, Student and Community Services within ten (10) days of notice of transfer credit denial so that a "Transfer Dispute Resolution" process can be initiated.

Alvin Community College guarantees that if course denial is not resolved, the College will offer the student tuition-free alternate courses, semester hour for semester hour, not to exceed twelve semester hours, which are acceptable to the receiving institution. This guarantee will be good for a one-year period from the granting of a degree by Alvin Community College. The student is responsible for payment of any fees, books, or other course related expenses.

This guarantee is designed specifically for those ACC students who have made firm decisions about their major and the institution to which they plan to transfer. In order to secure such a guarantee, students must begin the process in the ACC Office of Admissions and Academic Advising. This guarantee does not apply when degree requirements set by some universities vary significantly from ACC's degree programs.

## Technical Programs – Competent Job Skills

Alvin Community College hereby guarantees that recipients of an Associate of Applied Science degree or certificate of completion will have the job skills for entry-level employment in the occupational field for which the student has been trained. If such a degree or certificate recipient is judged by the employer to be lacking in technical job skills (identified as exit competencies for the specific program by ACC), the recipient will be provided up to nine (9) tuition-free credit hours of additional skill training. The following special conditions apply to this guarantee:

1. The student must have earned the Associate of Applied Science degree or certificate as of May 1993 or thereafter in a technical or occupational program listed in ACC's catalog.
2. The student must complete the program within four (4) years prior to the date of graduation and earn, as a minimum, 75% of the credits at ACC.
3. The student must be employed full time within six (6) months of graduation in an occupation directly related to the specific program completed at ACC.
4. The employer must certify in writing that the student lacks the entry-level skills identified by ACC as program exit competencies and must specify the areas of deficiency within ninety (90) days of the student's initial employment.
5. Upon receipt of the employer's written notice, an educational plan for retraining will be developed by the Dean of Technical Programs and other appropriate personnel.
6. Retraining will be limited to nine (9) credit hours related to the identified skill deficiency and to those classes regularly scheduled during the period covered by the retraining plan.
7. All retraining must be completed within a calendar year from the time the educational plan is agreed upon.
8. The student and/or employee is responsible for the cost of books, insurance, uniforms, fees and other course related expenses.
9. The guarantee does not imply that ACC graduates will pass any licensing or qualifying examination for a particular career.
10. A student's sole remedy against ACC and its employees for skill deficiencies shall be limited to nine tuition-free credit hours under conditions described above.

## Degrees & Certificates

Developmental courses may not be used to fulfill the requirements for a degree or certificate.

### THE ASSOCIATE OF ARTS (AA) DEGREE:

- Art
- Child Development/Early Childhood
- Drama
- General Liberal Arts
- General Studies
- Music-Instrumental Concentration
- Music-Voice Concentration
- Musical Theater
- Sports and Human Performance



**THE ASSOCIATE OF ARTS (AA) DEGREE—GENERAL STUDIES**

This degree is awarded for a sixty-five hour multidisciplinary academic program pursued by students who do not have a specific baccalaureate degree goal. The core curriculum and core academics for this program include English, fine arts, history, government, mathematic, speech, sciences, physical activity and computer literacy.

**THE ASSOCIATE OF SCIENCE (AS) DEGREE:**

- Biological Science
- Business Administration
- Communications/Radio and Television Broadcasting
- Mathematics
- Physical Science

**THE ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE:**

- Child Development/Early Childhood
- Communications-Radio Broadcasting
- Communications-Television
- Computer Science
- Computer Science - Networking
- Computer Repair Technology
- Court Reporting
- Criminal Justice-Correctional Science
- Criminal Justice-Law Enforcement & Police Administration
- Diagnostic Cardiovascular Sonography-Echo
- Diagnostic Cardiovascular Non/Invasive Vascular
- Electronics Technology
- Emergency Medical Technology
- Legal Assistant
- Management Development
- Marine Robotics Technology
- Mental Health Technology
- Nursing
- Nursing Transition
- Office Administration-Office Professional
- Office Administration-Legal Office Professional
- Office Administration-Medical Office Professional
- Process Technology
- Respiratory Care

**THE ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE WITH ENHANCED SKILLS CERTIFICATE:**

- Communication-Radio
- Communication-Television Broadcasting
- Court Reporting
- Emergency Medical Technology

**THE CERTIFICATES:**

- Child Development/Early Childhood
- Child Development/Early Childhood Administration
- Communications-Radio Broadcasting
- Communications-Television Broadcasting
- Computer Repair Technology
- Computer Science-Data Processing
- Computer Science-Networking
- Court Reporting
- Court Reporting Scopist
- Criminal Justice-Correctional Administration
- Criminal Justice-Correctional Science
- Criminal Justice-Crime Scene Technician
- Criminal Justice-Police Academy
- Criminal Justice-Texas Peace Officer
- Drafting Technology
- Electronic Technology
- Emergency Medical Technology
- General Data Processing

- Instrumentation Technology
- Legal Assistant
- Management Development
- Marine Robotics Technology
- Mental Health- Substance Abuse
- Office Administration-Accounting Clerk
- Office Administration-Office Assistant
- Office Administration-Word Processing
- Process Technology
- Vocational Nursing
- Word Processing

**SECOND DEGREE OR CERTIFICATE**

Alvin Community College grants credit for all previously completed courses which also meet the requirements of an additional degree or certificate.

**Definitions of Academic terms**

**Academic Probation:** The status of a student whose cumulative grade point average is below the minimum standard of 2.0.

**Admission:**

**Full:** Acceptance of a student to the college after all admission requirements have been met.

**Provisional:** Temporary acceptance of a student to the college pending receipt of official transcripts and test scores. Failure to submit these documents will prevent future registration and transcript service.

**Audit:** A comment recorded on a transcript in place of a grade for a course which a student has elected to take without credit.

**Corequisite:** A course which must be taken simultaneously with another course.

**Curriculum:** A specific course of study leading to a degree or certificate.

**Elective:** A course which a student may choose to take, as distinguished from a required course.

**Expulsion:** Dismissal from the College, normally without recourse for re-enrollment.

**Grade Point Average:** The ratio of grade points earned to credit hours attempted.

**Prerequisite:** A course which must be taken before taking another course or a test which must be passed before taking a course.

**Registration:** Process of enrolling for classes, constituting the selection of courses by days and hours and the payment of fees.

**Suspension:** A requirement that a student cease enrollment in the College for at least one semester.

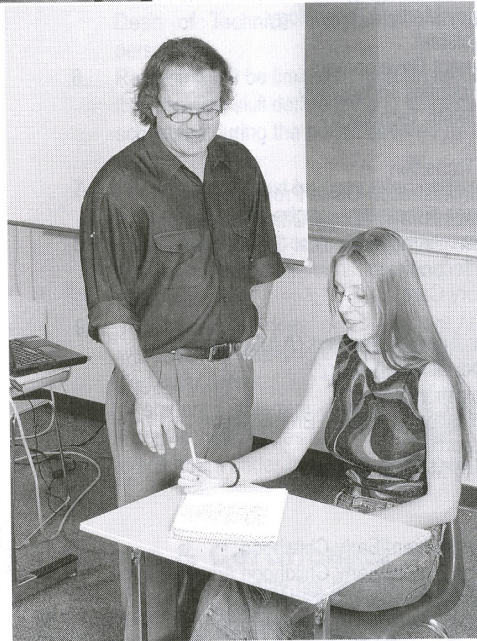
**Term:** A subdivision of the academic year - Fall, Spring, and Summer semesters.

**Transcript:** A certified copy of the student's academic record.

**Unit of Credit:** Course work is posted in semester credit hours. Generally, one lecture hour or three laboratory hours constitute one semester hour of credit.



# Student Services



Student Services



## Office of Admissions and Academic Advising

The first step in a person's collegiate career is going through the admissions and advising process. The staff in the Office of Admissions and Academic Advising works to ensure that this first step is thorough and that areas of concern are addressed. All first-time in college students are required to meet with a counselor or academic advisor prior to their first registration. Once admitted, students are encouraged to maintain contact with the college counselors and advisors. The academic advising services provided at both the Alvin and Pearland campuses include:

- Assistance for undecided students in selecting a program of study
- Interpretation of TSI or approved placement test scores
- Assistance with the registration process
- Assistance with course selection
- Transfer information for those who plan to attend another institution of higher education
- Orientation to college services and resources
- Assistance with the career planning process
- Assistance with college study skills

### Counseling Services

The Office of Admissions and Academic Advising employs Licensed Professional Counselors who can assist students with short-term personal issues that may impact academic success. Consultations are kept confidential.

Because the College strongly believes that the abuse of alcohol and drugs affects a person's ability to meet educational goals, the College offers a program of drug education/prevention for the benefit of students and staff.

### Career Services

A variety of services and formats are available which utilize a process of self-assessment (testing), career exploration and information gathering. In targeting a specific goal, individuals can explore career preparation, possible routes of training and gaining education, attainment of marketable skills and career management. Individuals who need to decide or clarify a major, and individuals who need to identify new job possibilities, are highly encouraged to make use of this service.

The Career Planning Program can help define and explore career options which are compatible with an individual's personal goals, abilities and interests. It may consist of two weekly sessions or a half-day workshop. Counselors and Advisors will provide feedback throughout the career planning process. The Career Planning Program is offered during the Spring and Fall semesters.

#### Other Career Services

- Advisors and Counselors can assist individuals in making the transition from college to career using a variety of resources.
- Choices is a career planning program which includes an interest inventory, descriptions of occupations, labor market information, financial aid information and more.

- Typefocus is a personality typing program which matches results to occupations.
- Workshops are available for resume and cover letter writing, interview preparation and tapping the hidden job market.

#### Career Library Resources (Room A-134)

The Career Library contains career books about various career opportunities, books listing major employers, vocational biographies, job search information and videos. College catalogs and transfer information is also available. Student workstations consist of computer planning software, resume writing software and easy access to labor market information.

### New Student Orientation Requirements

The Office of Admissions and Academic Advising coordinate New Student Orientation. Students who are attending college for the first time, as well as those who are new to ACC, will benefit from the information presented in this program. **Orientation is required for all first time college students.** Orientation must be completed before or during the first semester of attendance. Orientation may be completed through any of the following formats:

- Web based program found on the college home page
- Printed packet obtained through the Office of Admissions and Academic Advising

### Honors Program

Alvin Community College Honors Program offers highly motivated, academically exceptional students the challenge of enriching their intellectual experience and exploring subject areas in great depth. This program is designed for full-time and part-time students who have demonstrated the ability to excel academically and who have a genuine desire to reach their full intellectual potential. For more information about the program, contact the Honors Committee Chair, at 281-756-3731.

### SMART START PROGRAM - College Enrollment for High School Students

The Smart Start Program is designed for high school students who have completed their sophomore year and who want to get a head start on their college program. In many cases, students may receive dual credit. Dual credit allows students to earn both high school and college credit for the college course.

#### How Do I Enroll Steps:

1. Meet with a H.S.counselor to determine eligibility for the Dual Credit Program.
2. Take a TSI approved exam or be exempt from TSI requirements.
3. Obtain a passing score on an approved exam in the subject or area related to the college-level course to be taken.
4. Complete the High School Concurrent Enrollment Form, available from high school counselors.



5. Complete the ACC Admission Application.
6. Provide an official high school transcript.
7. Meet with an academic advisor at the Alvin or Pearland college campus.
8. Sophomores and below obtain the approval of ACC's Dean of Instruction, Community and Student Services.
9. Register for college classes.

Students are restricted to six semester hours in the fall and spring and 14 in the combined summer terms.

### Services for Students with Disabilities

Alvin Community College complies with the ADA and Section 504 of the Rehabilitation Act by making reasonable accommodations for qualified students with disabilities. Students requesting accommodations because of a disability should notify the ADA Counselor in the Office of Admissions and Academic Advising at least 60 days prior to the beginning of the semester.

Services include pre-enrollment advising and scheduling assistance, adaptive technology, notetaking assistance, testing accommodations, sign language interpreters, and referral services. A Handbook for Students with Disabilities is available for registered students who qualify for ADA services.

Information and assistance may be obtained from the ADA Counselor at 281-756-3531 or TDD number 281-756-3845.

### Department of Assistive and Rehabilitative Services and Texas Commission for the Blind

Students with disabilities which constitute a substantial barrier to employment may qualify for vocational rehabilitation services. The Department of Assistive and Rehabilitative Services (DARS - formerly TRC) and the Texas Commission for the Blind (TCB) provide tuition assistance, diagnostic testing, and counseling for eligible individuals. Prospective DARS and TCB students should contact the nearest DARS or TCB office at least six weeks prior to college registration to discuss eligibility and vocational objectives. Call first to set up an appointment. For phone numbers, call the Office of Admissions and Academic Advising at 281-756-3531. For contact information go to the ACC website which links to these agencies.

### Upward Bound Program

Upward Bound is a year-round federally funded program that provides college preparation skills to highly motivated students in grades 9-11. Students selected for the program receive tutoring, financial aid information, ACT/SAT preparation, study skills, exposure to college and university life, and a summer activity program. Participant selection is based on many factors such as family income, teacher recommendations, test scores, grades, and personal interviews. Contact the Upward Bound Program Director for details, 281-756-3849.

### Financial Assistance

The student financial aid program at Alvin Community College provides financial assistance to students who otherwise would be unable to attend college. Although the College constantly seeks additional support for student loans, scholarships, and grants, funds are limited in some of these areas.

Financial aid is awarded in the form of grants, scholarships, loans, and jobs according to financial need, academic grades, and academic load. A student's personal and family resources are considered in determining the student's financial need.

Students who apply for financial aid must:

- complete all requirements for admission to the College, including providing academic transcripts from previous colleges attended;
- choose a major (degree or certificate);
- complete the college's application for financial aid and provide financial aid transcripts from previous colleges attended; and
- complete the Free Application for Federal Student Aid (FAFSA).

Students must apply for financial aid in person and submit a new application for re-evaluation each year. Application should be made as soon as family income tax information is available and as early in the year as possible. Deadlines are published in class schedules. Application forms and additional information are available in the Financial Aid Office. All information provided to this office remains confidential.

The Financial Aid Office will determine if a student's academic progress has preserved his eligibility for financial assistance. In addition, financial aid recipients who need developmental courses must also be enrolled in at least one college level course.

All tuition and fees must be paid in full before a student may attend classes. Therefore, if a student's financial aid is not available when tuition payment is due, the student is personally responsible for tuition and fees. Thus, students needing financial assistance should apply to the Financial Aid Office early in order to satisfy deadlines.

### Federal Assistance Programs

**Federal Pell Grant:** This grant makes funds available to eligible undergraduate students who are enrolled at least half-time. All students who desire to participate in this program must submit an application. Students will receive a Student Aid Report (SAR) which must be submitted to the Financial Aid Office for consideration for Pell and other types of aid.

**Federal Supplemental Educational Opportunity Grants** Supplemental Educational Opportunity Grants are awarded to students with financial need. Although these funds are limited students applying for the Federal Pell Grant will automatically be considered for this program.

**Federal Work-Study Program:** This program provides on-campus employment for students who qualify on the basis of financial need.



To be considered for employment under this program, the student must first apply for the Pell Grant, be enrolled at least half-time, and show a need for the earnings to pay for college expenses.

**Federal Family Education Loan Program:** This loan program permits students to obtain low-interest loans from private lending agencies. The process is begun by applying for a Pell Grant. Eligibility requirements include, but are not limited to, need. If a student is otherwise eligible, the Financial Aid Officer can certify the loan application. These loans are normally made through banks, credit unions, or savings and loan associations who participate in the program.

## Federal Satisfactory Progress Guidelines

Federal regulations require standards of satisfactory progress for students who receive federal funds. NOTE: Even if a student has not yet applied for financial aid or has applied but is not receiving aid, these regulations will affect the student's future eligibility for aid. Standards of satisfactory progress require (1) qualitative and (2) quantitative measures and must include (3) the "maximum time frame" in which students must complete their certificate or degree program. Students must meet all three standards defined below to maintain their financial aid at Alvin Community College.

### 1. Qualitative Standard

- a. Students awarded for 12 semester hours must pass at least 9 hours with at least a 2.0 grade point average (GPA).
- b. Students awarded for 6, 7, 8, 9, 10, or 11 semester hours must pass at least 6 hours with at least a 2.0 GPA.
- c. Students making a ZERO GPA will automatically be placed on financial aid suspension.

After students have completed two years of studies, they must maintain a cumulative GPA of 2.0 or better. As long as the cumulative GPA is 2.0 or better, the semester GPA may be less than 2.0 but may not be a ZERO GPA. Two years is defined as a total of four fall or spring semesters.

### 2. Quantitative Standard

Students must successfully complete (see 1 above) at least 6 semester hours each semester of enrollment. This standard must be met even if no financial aid funds are used to pay for the tuition and fees. For financial aid purposes, Summer 1 and Summer 2 sessions combined are considered one semester. Therefore, students may take six semester hours in Summer 1, or six semester hours in Summer 2, or three semester hours in each session and satisfy the Quantitative Standard.

### 3. "Maximum Time Frame" Standard

Students must complete their certificate or degree by attempting no more than 150% of the semester hours required for that certificate or degree. Example: If a student is working toward an associate degree which requires 66 semester hours; he/she must complete all requirements for the degree in 99 attempted semester hours or less. Incompletes, withdrawals/drops, repeated and developmental courses, and all transfer credits will be counted in calculating the number of attempted semester hours.

For more information about federal satisfactory progress standards or to obtain a copy, contact The Financial Aid Office.

## State Assistance Programs

**Texas Public Education Grants:** State legislation has made grant funds available to students with financial need. Although these funds are limited, students applying for other financial aid will automatically be considered for this program.

**State Student Incentive Grant:** All eligible students may be considered for this grant program, which is based on financial need. Although these funds are limited, students applying for other financial aid will automatically be considered for this program.

**Hazlewood Act:** The Hazlewood Act is an act of Texas legislation. It provides exemption of payment for tuition and certain fees for Texas veterans at state-supported colleges and universities who present proof of the following:

1. residency in Texas at the time of entry into the military,
2. receipt of an honorable or under honorable conditions discharge,
3. service time of 180 days of active duty (excluding training time), and
4. residency in Texas for a minimum of 12 months prior to college registration.

Effective with the Fall 1995 semester, eligible veterans are limited to 150 attempted semester credit hours of eligibility using the Hazlewood benefit.

Eligibility is determined from an original or certified copy of the veteran's DD214. Veterans who have been discharged within the past ten years must also present a letter from the Department of Veteran's Affairs stating that the veteran is not eligible to receive benefits under the Montgomery GI Bill.

Application for Hazlewood benefits is made through the Registrar's Office. Applicants should begin the application process at least two months prior to registration to establish eligibility. Hazlewood students must obtain a Tuition Exemption Form from the Registrar's Office prior to paying tuition but no later than the census date of each semester to receive benefits. Census dates are published in class schedules. Students in default on an educational loan are not eligible to receive the Hazlewood exemption.

## Other Assistance Programs

**Workforce Investment Act of 1998:** The Houston-Galveston Area Council, through the WorkSource in the Gulf Coast area, provides tuition, fees, books, career counseling, and other services related to employment. To determine eligibility, individuals should contact the nearest WorkSource office. Phone numbers for the WorkSource may be obtained by calling 281/585-3303.

**Athletic Grants-in-Aid:** For information on athletic grants-in-aid, contact the Athletic Director.

**Chemical Dependency Counselor Training:** For information on mental health grants-in-aid, contact the Mental Health Department Grant Coordinator.



**Music Grants-in-Aid:** For information on music grants-in-aid, contact the Music Department Chairperson.

**Departmental Academic Scholarships:** These competitive scholarships are provided to qualified students in:

- Art
- Business
- Child Development/Early Childhood
- Communications
- Computer Science
- Court Reporting
- Drafting Technology
- Electronics
- English
- Foreign Languages
- Law Enforcement
- Legal Assistant
- Math
- Management Development
- Mental Health
- Music
- Nursing-ADN
- Office Administration
- Process Technology
- Respiratory Care
- Social Science
- Science
- Vocational Nursing

Interested students should contact the chairperson of the appropriate department.

**Other Scholarships:** Among the scholarships coordinated by Alvin Community College are the following:

- ACC Assoc. of Educational Office Professionals Scholarship
- Alvin Noon Lions Club Scholarship
- Associate Degree Nursing Faculty Scholarship
- Francis Joseph (Joe) Phillips Memorial Scholarship
- Jean Withrow Memorial Nursing Scholarship
- M. B. Ward Scholarship (for Alvin High School Students)
- Pan American College Forum Neal Nelson Memorial Scholarship
- Paul Lawson Scholarship (Drama)
- Petronilo (Nilo) Esquivel Scholarship
- Presidential Scholarship
- Presidential Service Award Scholarship (Alvin High School Graduating Senior)
- Rotary Club Scholarship (Alvin Rotary)

For information about additional scholarships contact the Financial Aid Office.

### Veterans Administration Benefits

Alvin Community College has been approved for VA educational training. Prospective students who are veterans or eligible veterans' dependents should contact either the VA Regional Office or the Veterans Benefits Counselor in the ACC Office of Admissions and

Academic Advising for applications and information. Early application is advised. VA recipients are expected to comply with standards of academic progress listed below. VA certification is not an automatic process; veterans must request certification each semester.

### Standards Of Academic Progress For Students Receiving VA Benefits

**Satisfactory Progress:** Maintaining a cumulative grade-point average (CGPA) of 2.0

#### Associate Degree Students:

**Probation:** Failure to achieve a cumulative GPA of 2.0 results in first probation for the student's next registration. If the student achieves a 2.0 GPA for his first semester on probation but does not achieve a CGPA of 2.0, the student will be placed on second probation for one additional semester. Summer sessions (Summer 1, Summer 2, Summer 12-week) are considered one semester.

**Unsatisfactory Progress:** Failure to remove probationary status. Unsatisfactory progress is reported to the VA Regional Office at the end of the first probation period if the semester GPA is below 2.0 and at the end of the second probation period if the cumulative GPA is below 2.0. This action suspends VA educational benefits.

#### Certificate Students:

**Probation:** Failure to maintain a 2.0 cumulative GPA during the first 25 % of the total hours required for completion of the certificate results in first probation. If the student achieves a 2.0 GPA for the next 25% of the total hours but does not achieve a cumulative 2.0 GPA, the student will be placed on second probation for one additional semester.

**Unsatisfactory Progress:** Unsatisfactory progress is reported to the VA at the end of the first probation period if the semester GPA is below 2.0 and at the end of the second probation period if the cumulative GPA is below 2.0. This action suspends VA educational benefits.

**Transfer Students:** VA students who transfer to ACC under academic suspension or probation at the last school attended are admitted under the terms of first probation listed above.

**Reinstatement of VA Educational Benefits:** Reinstatement of benefits will rely upon achievement of a cumulative GPA of 2.0 and agreement for reinstatement by the Office of Veteran's Affairs.

### Job Placement Service

The Career and Job Placement Counselor provides placement services for students who need part-time or full-time employment during their enrollment and after graduation. Students seeking work are encouraged to keep in mind their career plans and to seek job experiences that can benefit them in permanent positions after graduation.

In addition to yearly job fairs at the Nolan Ryan Center, job vacancies are received weekly from local and national employers and are



posted on job boards in G-building at ACC and the Pearland College Center. Job postings are available on the ACC website under career services.

## Employer Services

Job Placement Services staff assists employers with their job openings. To list openings to the many departments, programs and students at ACC and PCC employers can send their job announcements to Job Placement Services by fax at 281-756-3843, by email, [dstiles@alvincollege.edu](mailto:dstiles@alvincollege.edu) or directly by mail. New employers will need to sign the EEOC statement and fax this form to Job Placement Services.

## Learning Lab

Located on the second floor of the Learning Resources Center, the Learning Lab is an open-concept learning center that serves ACC students. Its purpose is to provide help for students in a relaxed, informal environment. Lab services include developmental classes to better prepare students for their chosen programs, individual tutoring, tape players/ recorders/copiers, and computer usage and printing, including internet service. The Learning Lab also serves as a testing facility for TBA and other distance education classes. The Academic Enhancement Center (AEC) is located in the Learning Lab. This center offers support services to TSI (Texas Success Initiative, formerly TASP) - obligated students enrolled in developmental classes. Learning Lab/AEC hours are posted each semester in the Class Schedule.

## Library

The ACC library, located on the second floor of the Learning Resources Center, has a collection of 30,000 books and periodicals, 200 current periodical subscriptions and a complete collection of the Alvin Sun on microfilm. The library/learning lab/computer lab is located at the Pearland College Center. The library is equipped with a multi-functional comprehensive automation system that allows students, faculty, and community patrons to perform many research related functions. The library computer network consists of twenty Windows XP, Internet accessible work stations with Microsoft Office software, as well as other programs the students use on campus. The library web page helps patrons access the college's databases and online catalog more easily.

ACC belongs to Texshare, a statewide system allowing reciprocal borrowing privileges at all participating college and university libraries in Texas. Through Texshare the college has access to over 70 content and periodical databases enabling patrons to access the full contents of thousands of magazine articles. Articles can be ordered from other libraries and sent to the ACC library. The inter-library loan program allows library patrons to borrow books from other libraries.

Internet or bibliographic instruction is provided to patrons in the college's electronically equipped multi-media classroom. Powerpoint assistance is given to interested groups to aid them in their class presentations.

Students are responsible for clearing their library records before the

end of each semester. Failure to do so will result in the student's records being placed on hold. Official transcripts will not be released or registration allowed until the hold is cleared in the library.

## Campus Services

### CAFETERIA

The cafeteria, located in the Student Center, offers a grill, cold food and snacks, a salad bar, and beverages. It is open each class day, breakfast through lunch.

### CHILD DEVELOPMENT LABORATORY SCHOOL

Students, staff, and faculty may enroll their children in the campus child development laboratory school operated by the Child Development/ Early Childhood Department. The center is licensed for children ages 18 months to 6 years. For information about registration, hours, and charges, contact the Laboratory School Office.

### COLLEGE STORE

The College Store, offering books, school supplies, and sundry items, is operated for the convenience of students and faculty. Located in the Student Center, it is open both day and evening throughout the academic year. Book-buy-back is conducted by the College Store during the week of final examinations each semester. Students may sell their books back for one-half the original purchase price.

### FITNESS CENTER

The ACC Fitness Center, including the gym, racquetball courts, tennis courts, weight training rooms, locker rooms, and saunas, is open to students, faculty, staff, and the residents of the college district who purchase a membership. The center operates seven days a week during the fall and spring semesters except when the College is closed. For summer hours and membership information call (281) 756-3691.

### HEALTH INSURANCE

Alvin Community College does not participate in a group student insurance plan. Student health insurance is available for purchase through private companies. Students may obtain written publications and contact information regarding various plans from the Office of the Associate Dean of Students. Students should carefully study the terms of the policy before purchasing coverage.

### PARKING

Automobiles must be registered with the College Police to park legally on campus. Students are issued parking permits and the published traffic regulations as part of registration. Visitors and participants in special programs must obtain a temporary permit from the College Police Office. Parking spaces marked with yellow stripes are reserved for student and registered visitor parking. Those spaces painted white with "Faculty and Staff Parking" signs at the heads of the rows are reserved for registered faculty and staff vehicles. Each parking lot on campus has handicap parking that is reserved for vehicles transporting mobility-impaired persons.

### STUDENT ACTIVITIES

Some of the most valuable experiences a student will have while attending college occur outside the classroom. These extra-curricular activities are open to every ACC student, and the



College encourages its students to participate. Activities include movies, speakers, dances, intramural sports and games, workshops, concerts, programs, and student organizations. Throughout the year special events take place including Fall Festival & Carnival, Festival of Lights, and The Big Event. The Student Activities Office maintains a calendar of campus events, which are announced in the bi-monthly campus newsletter, The Wave.

#### STUDENT ORGANIZATIONS

Alvin Community College offers a variety of student organizations classified as curriculum-related, service, social, and religious, as well as a very active Student Government Association (SGA). The SGA represents the students' interests, assists with campus programming, and serves as an official channel of communication between students and the college administration. The SGA also recommends students for various college committees. The following is a list of student organizations and their sponsors:

##### ACC Soccer Club

Sponsors: NanC Crawford 756-3718  
Ron Keels 331-7410

##### Alvin Cultural Connection

Sponsor: Sharmeal Archie 756-3506  
Monica Silvas 756-3505  
Charzetta Fleming 756-3546

##### Alvin Legal Assistance Network United for Education (ALAN)

Sponsor: Karen Barnett 756-3642

##### Alvin Nursing Students Assoc. (ANSA)

Sponsor: Sally Durand 756-3624

##### Ambassadors

Sponsor: Kennon Henry 756-3529

##### Baptist Student Union

Sponsor: Gilbert Benton 756-3713

##### Catholic Newman Association

Sponsor: Amalia Parra 756-3709

##### Church of Christ Fellowship

Sponsor: Gary Coffman 756-3693

##### Criminal Justice Club

Sponsor: Maurice Cook 756-3779

##### Guitar Society

Sponsor: Kevin Murphy 756-3982

##### Latter Day Saints

Sponsor: Bea Hugetz 756-3711

##### Math Club

Sponsor: Charles Kilgore 756-3716

##### Mental Health Club

Sponsor: G.E. Carrier 756-3652

##### Spanish Club

Sponsor: Amalia Parra 756-3709

##### Phi Theta Kappa

Sponsors: Jennifer Hopkins 756-3707  
Kevin Jefferies 756-3736

##### Rodeo Club

Sponsor: Sara Bouse 756-3533

##### Student Organization for Disability Awareness (SODA)

Sponsor: Eileen Cross 756-3533

##### Student Government Association

Sponsor: Annie Ramirez 756-3686

##### Texians

Sponsor: Gilbert Benton 756-3713

##### Word Droppers (Court Reporting)

Sponsor: Debbie Cunningham 756-3758

##### Writers Club

Sponsor: Gilbert Benton 756-3713

More information on student organizations is available from the Student Activities Office located in the Student Center.

#### ATHLETICS

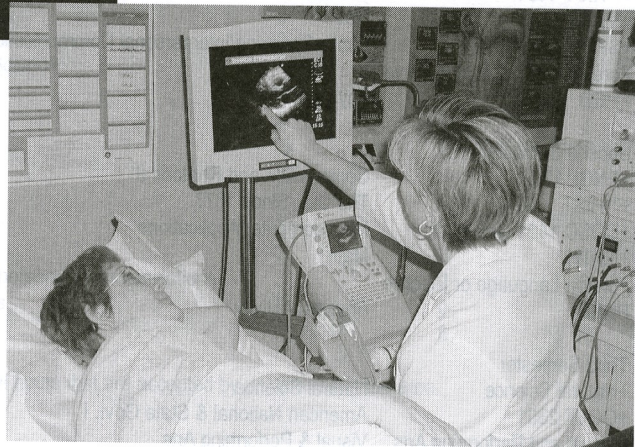
The College is a member of the National Junior College Athletic Association (NJCAA) and participates in intercollegiate competition in men's baseball, women's volleyball and women's fast-pitch softball. Soccer and rodeo are offered as club sports. Students have the opportunity to participate in intramural and extramural sports, as well as an extensive sports and human performance program.

#### STUDENT HANDBOOK

The student handbook provides information about student activities and organizations, student services, the grievance procedure, and college regulations. It also contains the official publication of the Student Code of Conduct, which defines forms of discipline such as suspension and expulsion. The student handbook is available in the Student Activities Office in the Student Center and the Office of Admissions & Academic Advising.



# Educational Programs



Educational Programs

Take Advantage of Your Potential



## ACADEMIC PROGRAMS

Alvin Community College offers a variety of academic programs. The following degrees and certificates are awarded to students who successfully complete approved programs.

### Associate of Arts Degree

**Degree:** Associate of Arts (A.A.)

**Length:** Four-Semester (Two-Year) Program

**Purpose:** The Associate of Arts Degree (A.A.) is awarded to students who fulfill the requirements in General Liberal Arts, Art, Drama, Music, or Sports & Human Performance curriculum. Students who complete these curriculums normally transfer to a four-year college where they major in one of the following subject-areas:

Art	English	Library Science	Pre-Law
Child Development	Foreign Language	Mathematics	Psychology
/Early Childhood	Government	Music	Sociology
Economics	History	Musical Theater	Speech
Education	Journalism	Philosophy	

**Program Requirements:** These curriculums include the general education courses and introductory specialty courses that are usually required in the first two years of equivalent baccalaureate programs. When planning a program and selecting electives, the student should become acquainted with the requirements of the major department in the college or university to which he/she expects to transfer.

### General Liberal Arts Degree

Associate of Arts Degree Program

<i>Course Number</i>	<i>Course Title</i>	<i>Lecture Hours</i>	<i>Lab Hours</i>	<i>Credits</i>
<b>First Semester</b>				
+ENGL 1301	Composition & Rhetoric I	3	0	3
+**HIST 1301	The U.S. to 1877	3	0	3
+MATH	Math	3	0	3
+SPCH 1315/1318	Public Speaking/Interpersonal Communication	3	0	3
Foreign Language or Elective		3	3	3-4
PHED	Physical Activity	0	3	1
		15	6	16-17
<b>Second Semester</b>				
+ENGL 1302	Composition and Rhetoric II	3	0	3
+**HIST 1302	The U.S. Since 1877	3	0	3
+COSC 1401 (or higher)	Microcomputer Applications	3	3	4
+MATH	Math	3	0	3
Foreign Language or Elective		3	0-2	3-4
PHED	Physical Activity	0	3	1
		15	6-8	17-18
<b>Third Semester</b>				
+Natural Science	Natural Science	3	3	4
+GOVT 2301	American National & State Govt. I	3	0	3
+Visual and Performing Arts	Visual & Performing Arts	3	0	3
ENGL Literature	Any sophomore level literature	3	0	3
Elective	Elective	3	2	3
		15	5	16
<b>Fourth Semester</b>				
+ Humanities	Humanities	3	0	3
+Natural Science	Select from core curriculum	3	3	4
+GOVT 2302	American National & State Govt. II	3	0	3
+Social/Behavioral Sciences	Select from core curriculum:	3	0	3
Elective	Elective	3	0	3
		15	3	16

+Denotes core requirement; see p. 17

\*\*Texas History (HIST 2301) may be substituted for one semester of U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

Total Minimum Credits Required for a General Liberal Arts Degree.....65



# Art Degree Program

(281) 756-3605

## Associate of Arts Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
+ENGL 1301	Composition and Rhetoric I	3	0	3
+**HIST 1301	The U.S. to 1877	3	0	3
ARTS 1311	Design I	3	3	3
ARTS 1316	Drawing I	3	3	3
ARTS 1303	Art History I	3	0	3
PHED	Physical Activity	0	3	1
		15	9	16
<b>Second Semester</b>				
+ENGL 1302	Composition and Rhetoric II	3	0	3
+**HIST 1302	The U.S. Since 1877	3	0	3
ARTS 1312	Design II	3	3	3
ARTS 1317	Drawing II	3	3	3
ARTS 1304	Art History II	3	0	3
PHED	Physical Activity	0	3	1
		15	9	16
<b>Summer I Semester</b>				
+GOVT 2301	American National & State Govt. I	3	0	3
+Humanities	Humanities	3	0	3
		6	0	6
<b>Summer II Semester</b>				
+GOVT 2302	American National & State Govt. II	3	0	3
+COSC 1401 (or Higher)	Microcomputer Applications	3	3	4
		6	3	7
<b>Third Semester</b>				
ARTS 2316	Painting I	3	3	3
ARTS	Elective	3	3	3
+Social/Behavioral Sciences	Social & Behavioral Science	3	0	3
+Natural Sciences	Natural Science	3	3	4
+MATH 1314	College Algebra	3	0	3
		15	9	16
<b>Fourth Semester</b>				
ARTS 2326	Sculpture I	3	3	3
+Natural Sciences	Natural Sciences	3	3	4
SPCH 1315/1318	Public Speaking/Interpersonal Communications	3	0	3
+***Visual and Performing Arts	Visual/Performing Arts	3	0	3
		12	6	13

Courses that can be taken out of the current curriculum to equal hours that are accepted by universities in the area.

1	ARTS elective	3
1	ARTS 1301	3
1	ARTS 1304	3

This would bring the total from 74 credits to 65 credits.

+Denotes core requirement; see p. 17

\*\*Texas History (HIST 2301) may be substituted for one semester of U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

\*\*\*Recommendation: ARTS 1301

Total Minimum Credits Required for an Arts Degree.....74



# Child Development/Early Childhood Degree Program

(281) 756-3644

Associate of Arts Degree Program

**Length:** Four-Semester (Two-Year) Program

**Purpose:** The program is designed to provide 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. (Specific Teaching Option/Field of Study, Early Childhood Education)

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CDEC 1270	Early Childhood Games and Recreation	1	2	2
EDUC 1301	Schools and Society	3	0	3
ENGL 1301	Composition and Rhetoric I	3	0	3
HIST 1301	The U.S. to 1877	3	0	3
TECA 1303	Family and the Community	3	0	3
TECA 1311	Introduction to Early Childhood Education	3	0	3
		<u>16</u>	<u>2</u>	<u>17</u>
<b>Second Semester</b>				
COSC 1401	Microcomputer Applications	3	3	4
ENGL 1302	Composition and Rhetoric II	3	0	3
HIST 1302	The U.S. Since 1877	3	0	3
TECA 1318	Nutrition, Health, and Safety	3	0	3
TECA 1354	Child Growth and Development	3	0	3
PHED	Physical Activity	0	3	1
		<u>15</u>	<u>6</u>	<u>17</u>
<b>Third Semester</b>				
GOVT 2301	American National & State Government I	3	0	3
Elective	Visual & Performing Arts Elective ARTS 1301, 1303, or 1304 DRAM 1310, 2360 or MUSI 1306, 1310	3	0	3
+Social/Behavioral Sciences	Social & Behavioral Science Core p. 18	3	0	3
MATH 1314	College Algebra	3	0	3
BIOL Elective	Select from BIOL 1406, 1407, or 2401	3	3	4
PHED	Physical Activity	0	3	1
		<u>15</u>	<u>6</u>	<u>17</u>
<b>Fourth Semester</b>				
Humanities	Select from: ENGL literature (sophomore level) HUMA, PHIL	3	0	3
Earth/Physical Science	Select from: CHEM 1405, 1411 GEOL 1401, 1403 PHYS 1401, PHYS 2425	3	3	4
GOVT 2302	American National & State Govt. II	3	0	3
MATH 1350	Fundamentals of Mathematics I	3	0	3
SPCH 1315	Public Speaking	3	0	3
		<u>15</u>	<u>3</u>	<u>16</u>

Total Minimum Credits Required for Child Development/Early Childhood Degree .....67



# Drama Degree Program

Associate of Arts Degree Program

(281) 756-3607

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
+ENGL 1301	Composition and Rhetoric I	3	0	3
DRAM 1220	Rehearsal and Performance	0	6	2
DRAM 1322	Movement & Dance for the Performing Arts	1	3	3
DRAM 1310	Introduction to Theater Arts	3	2	3
+Natural Science	Natural Science	3	2-3	4
		10	13-14	15
<b>Second Semester</b>				
+ENGL 1302	Composition and Rhetoric II	3	0	3
DRAM 1221	Rehearsal and Performance	0	6	2
DRAM 1351	Introduction to Acting	2	4	3
DRAM 1341	Stage Makeup	2	4	3
+Natural Science	Natural Science	3	2-3	4
		10	16-17	15
<b>Summer Session</b>				
++HIST 1301	The U.S. to 1877	3	0	3
+GOVT 2301	American National & State Govt. I	3	0	3
++HIST 1302	The U.S. Since 1877	3	0	3
		9	0	9
<b>Third Semester</b>				
+Humanities	Humanities	3	0	3
+GOVT 2302	American National & State Govt. II	3	0	3
DRAM 2120	Rehearsal and Performance	0	6	1
DRAM 1330	Introduction to Technical Theater	2	4	3
DRAM 1352	Advanced Acting	2	4	3
+DRAM 2360	Modern Theater Literature	3	0	3
		13	14	16
<b>Fourth Semester</b>				
+COSC 1401 (or higher)	Microcomputer Applications	3	3	4
DRAM 2331	Intermediate Technical Theater	3	3	3
+DRAM 2336 <sup>a</sup>	Theater Speech	3	0	3
DRAM 2121	Rehearsal and Performance	0	6	1
+MATH 1314	College Algebra	3	0	3
+Social/Behavioral Science	Social/Behavioral Science	3	0	3
		15	12	17

+Denotes core requirement; see p. 17

\*\*Texas History (HIST 2301) may be substituted for one semester of U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

<sup>a</sup> Satisfies Speech Core requirement

Total Minimum Credits Required for Drama Degree ..... 72



# Music - Instrumental Concentration Degree Program

Associate of Arts Degree Program

(281) 756-3587

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
***MUSI 1211 <sup>a</sup>	Music Theory I	3	0	2
***MUSI 1216	Ear Training and Sight-Singing I	0	3	2
*MUSI 1181	Class Piano I	1	1	1
MUAP	Appl. Principal Instr.	1	4	2
MUSI 1127 or 1141	Ensemble	0	5	1
+ENGL 1301	Composition and Rhetoric I	3	0	3
**HIST 1301	US History I	<u>3</u>	<u>0</u>	<u>3</u>
		11	13	14
<b>Second Semester</b>				
***MUSI 1212 <sup>a</sup>	Music Theory II	3	0	2
***MUSI 1217	Ear Training and Sight-Singing II	0	3	2
*MUSI 1182	Class Piano II	1	1	1
MUAP	Appl. Principle Instr.	1	4	2
MUSI 1128 or 1142	Ensemble	0	5	1
+ENGL 1302	Composition and Rhetoric II	3	0	3
**HIST 1302	US History II	<u>3</u>	<u>0</u>	<u>3</u>
+MATH 1314 or MATH 1332 or Natural Science		<u>3</u>	<u>0-3</u>	<u>3-4</u>
		14	13-16	17-18
<b>Third Semester</b>				
***MUSI 2211 <sup>a</sup>	Music Theory III	3	0	2
***MUSI 2216	Ear Training and Sight-Singing III	0	3	2
*MUSI 2181	Class Piano III	1	1	1
MUSI 2127 or 2141	Ensemble	0	5	1
MUSI 1308 <sup>a</sup>	Music Literature I	3	0	3
+GOVT 2301	American Government I	3	0	3
+SPCH 1315 <sup>c</sup> or +SPCH 1318 <sup>c</sup>	Public Speaking or Interpersonal Communication	<u>3</u>	<u>0</u>	<u>3</u>
		13	9	15
<b>Fourth Semester</b>				
***MUSI 2212 <sup>a</sup>	Music Theory IV	3	0	2
***MUSI 2217	Ear Training and Sight-Singing IV	0	3	2
*MUSI 2182	Class Piano IV	1	1	1
MUAP	Applied Principle Instr.	1	4	2
MUSI 2128 or 2142	Ensemble	0	5	1
+MUSI 1309 <sup>ab</sup>	Music Literature II	3	0	3
+GOVT 2302	American Government II	3	0	3
+Social/Behavioral	Social/Behavioral Sciences from Core p.17	<u>3</u>	<u>0</u>	<u>3</u>
		14	13	17

+Denotes Core Requirement; see p.17

\*MUAP 1271, 1272, 2271, 2272 may be substituted.

\*\*Texas History (HIST 2301) may be substituted for one semester of U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

\*\*\*Corequisite

<sup>a</sup> Students will demonstrate computer literacy through computerized tasks required for MUSI 1308 and 1309, 1211, 1212, 2211, 2212.

<sup>b</sup> Satisfies Visual/Performing Arts Core requirements

<sup>c</sup> Satisfies Speech core requirement

Total Minimum Credits Required for Music-Instrumental Concentration Degree ..... 63



# Music - Voice Concentration Degree Program

Associate of Arts Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
***MUSI 1211 <sup>a</sup>	Theory I	3	0	2
***MUSI 1216	Ear Training and Sight-Singing I	0	3	2
*MUSI 1181	Class Piano I	1	1	1
MUAP	App. Music: Voice	1	4	2
MUSI 1141	Ensemble	0	5	1
+ENGL 1301	Composition and Rhetoric I	3	0	3
+**HIST 1301	US History I	3	0	3
		11	13	14
<b>Second Semester</b>				
***MUSI 1212 <sup>a</sup>	Music Theory II	3	0	2
***MUSI 1217	Ear Training and Sight-Singing II	0	3	2
*MUSI 1182	Class Piano II	1	1	1
MUAP	App. Music: Voice	1	4	2
MUSI 1142	Ensemble	0	5	1
+ENGL 1302	Comp and Rhetoric II	3	0	3
+**HIST 1302	US History II	3	0	3
+MATH 1314 or MATH 1332 or Natural Science	Contemporary Math I	3	0-3	3-4
		14	13-16	17-18
<b>Third Semester</b>				
***MUSI 2211 <sup>a</sup>	Music Theory III	3	0	2
***MUSI 2216	Ear Training and Sight-Singing III	0	3	2
*MUSI 2181	Class Piano III	1	1	1
MUAP	App. Music: Voice	1	4	2
MUSI 2141	Ensemble	0	5	1
MUAP 1308 <sup>a</sup>	Music Lit I	3	0	3
+GOVT 2301	American Government I	3	0	3
+DRAM 2336 <sup>c</sup>	Theater Speech	3	0	3
		14	13	17
<b>Fourth Semester</b>				
***MUSI 2212 <sup>a</sup>	Music Theory IV	3	0	2
***MUSI 2217	Ear Training and Sight-Singing IV	0	3	2
*MUSI 2182	Class Piano IV	1	1	1
MUAP	App. Music: Voice	1	4	2
*MUSI 2142	Ensemble	0	5	1
+MUSI 1309 <sup>ab</sup>	Music Lit II	3	0	3
+GOVT 2302	American Government II	3	0	3
+Social/Behavioral	Social/Behavioral Sciences from Core p. 17	3	0	3
		14	13	17

<sup>a</sup>Denotes core requirement; see p. 17

\*MUAP 1271, 1272, 2271, 2272 may be substituted.

\*\*Texas History (HIST 2301) may be substituted for one semester of U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

\*\*\*Corequisites

<sup>a</sup> Students will demonstrate computer literacy through computerized tasks required for MUSI 1308 & MUSI 1309, 1211, 1212, 2211, 2212.

<sup>b</sup> Satisfies Visual/Performing Arts core requirement.

<sup>c</sup> Speech core requirement.

Total Minimum Credits Required for Music - Voice Concentration Degree ..... 65



# Musical Theater Degree Program

## Associate of Arts Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>Summer Before Freshman Year</b>				
+**HIST 1301	The U.S. to 1877	3	0	3
+ENGL 1301	Composition and Rhetoric I	3	0	3
+**HIST 1302	The U.S. Since 1877	3	0	3
		9	0	9
<b>First Semester</b>				
+ENGL 1302	Composition and Rhetoric II	3	0	3
DRAM 1310	Introduction to Theater	3	2	3
+DRAM 2336 <sup>a</sup>	Theater Speech	3	0	3
MUAP 1281	Applied Music: Voice	1	4	2
*MUSI 1181	Class Piano	1	1	1
MUSI 1159	Musical Theater	1	4	1
PHED 1125	Fundamentals of Movement - Ballet	0	3	1
		12	14	14
<b>Second Semester</b>				
DRAM 1221	Rehearsal and Performance	0	6	2
DRAM 1351	Introduction to Acting	2	4	3
MUAP 1282	Applied Music: Voice	1	4	2
*MUSI 1182	Class Piano	1	1	1
MUSI 1309	Survey of Music Literature	3	0	3
PHED 1127	Fundamentals of Movement - Modern Dance	0	3	1
+Social/Behavioral Science	Social/Behavioral Science	3	0	3
		10	18	15
<b>Summer Session</b>				
+GOVT 2301	American National & State Govt. I	3	0	3
+Humanities	Humanities	3	0	3
+GOVT 2302	American National & State Govt. I	3	0	3
		9	0	9
<b>Third Semester</b>				
+COSC 1401 (or higher)	Microcomputer Applications	3	3	4
DRAM 1341	Stage Makeup	2	4	3
MUAP 2281	Applied Music: Voice	1	4	2
MUSI 2159	Musical Theater	1	4	1
MUSI 1311	Music Theory	3	0	2
MUSI 1216	Ear Training and Sight Singing	0	3	2
PHED 1128	Fundamentals of Movement - Jazz	0	3	1
		10	21	15
<b>Fourth Semester</b>				
DRAM 1352	Advanced Acting	2	4	3
MUAP 2282	Applied Music: Voice	1	4	2
MUSI 1217	Ear Training and Sight-Singing	0	3	2
+MATH 1314	College Algebra	3	0	3
PHED 1129	Fundamentals of Movement - Tap	0	3	1
+MUSI 1308 <sup>b</sup>	Survey of Music Literature	3	0	3
		9	14	14
<b>Summer Session</b>				
+Natural Science	Natural Science	3	2-3	4
+Natural Science	Natural Science	3	2-3	4
		6	4-6	8

+Denotes core requirement; see p. 17.

\*MUAP 1271, 1272, 2271, 2272 may be substituted.

\*\*Texas History (HIST 2301) may be substituted for one semester of U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirement

<sup>a</sup> Satisfies Speech Core requirement

<sup>b</sup> Satisfies Visual/Performing Arts Core requirement. Students should choose based on requirements of the senior institution to which they are transferring.

Total Minimum Credits Required for Musical Theater Degree . . . . . 84



# Sports and Human Performance

(281) 756-3691

Associate of Arts Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
+ENGL 1301	Composition and Rhetoric I	3	0	3
+**HIST 1301	The U.S. to 1877	3	0	3
+BIOL 1406	General Biology I	3	3	4
PHED 1302	Intro. to Sports & Human Performance	3	0	3
+COSC 1401	Microcomputer Applications	3	3	4
PHED	Physical Activity	0	3	1
		15	9	18
<b>Second Semester</b>				
+ENGL 1302	Composition and Rhetoric II	3	0	3
+**HIST 1302	The U.S. Since 1877	3	0	3
PHED 1304	Health and Wellness	3	0	3
PHED 1346	Drug Use and Abuse	3	0	3
PHED	Physical Activity	0	3	1
+BIOL 1407	General Biology II	3	3	4
		15	6	17
<b>Summer Semester</b>				
+MATH 1314	College Algebra	3	0	3
		3	0	3
<b>Third Semester</b>				
+Visual/Performing	Visual & Performing Arts	3	0	3
BIOL 2401	Anatomy & Physiology I	3	3	4
+GOVT 2301	American National & State Govt. I	3	0	3
PHED 1306	First Aid	3	0	3
+PSYC 2301	General Psychology	3	0	3
PHED	Physical Activity	0	3	1
		15	6	17
<b>Fourth Semester</b>				
BIOL 2402	Anatomy & Physiology II	3	3	4
+GOVT 2302	American National & State Govt. II	3	0	3
PHED 1321 or	Coaching Athletics-Volleyball	3	0	3
PHED 1322	Coaching Athletics-Baseball/Softball	3	0	3
PHED	Physical Activity	0	3	1
+Humanities	Humanities	3	0	3
+SPCH 1315	Public Speaking	3	0	3
		15	6	17

+Denotes core requirement; see p. 17

\*\*Texas History (HIST 2301) may be substituted for one semester U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

Total Minimum Credits Required for Sports & Human Performance Degree .....72

Educational Programs



## Associate of Arts - General Studies

**Degree:** Associate of General Studies (A.G.S.)

**Length:** Four-Semester (Two-Year) Program

**Purpose:** The program is designed for the student who wishes to pursue a multidisciplinary academic program for personal enrichment, but who does not have a specific baccalaureate degree goal. However, in some academic areas, this program may meet the requirements for more advanced study. (The student wishing to continue should consult with the receiving institution about transfer of courses.) Students who successfully complete the following program of study, in addition to meeting the graduation requirements, will be eligible to receive the Associate in Arts - General Studies Degree.

## Associate of Arts - General Studies Degree

Core Curriculum	Course Title	Credits
Communication	ENGL 1301, ENGL 1302, SPCH 1315	9
Mathematics	MATH 1314 or above	3
Natural Sciences	Select two from the following courses: BIOL 1406, 1407, 2401, 2402 CHEM 1405, 1407, 1411, 1412 GEOL 1401, 1403, 1404, 1405 PHYS 1401, 1402, 2425, 2426	8
Visual & Performing Arts	Select from ARTS 1301, 1303, 1304 DRAM 1310, 2360 MUSI 1306, 1310	3
Humanities	Select from: PHIL 1301, PHIL 2306, HUMA 1301, 1302 ENGL 2322, 2323, 2326, 2332, 2333	3
History	U.S. History; Select from: HIST 1301, 1302, 2301	6
Government	GOVT 2301, 2302	6
Social and Behavioral Sciences	Select one course from: Anthropology, Economics, Geography, Psychology or Sociology	3
Basic Computer	COSC 1401 or more advanced COSC course	4
Other Requirements	Physical Activity (each 1 hour activity course)	2
College Level Electives	Students planning to transfer to a university baccalaureate degree are strongly encouraged to visit with their advisor prior to selecting electives.	18
Total credits required for the Associate of Arts - General Studies Degree.....		65

## Associate of Science Degree Program

**Degree:** Associate of Science (A.S.)

**Length:** Four-Semester (Two-Year) Program

**Purpose:** The Associate of Science Degree (A.S.) is awarded to students who fulfill the requirements of the biological science, business administration, mathematics, or physical science curriculum. Students who complete these curriculums normally transfer to a four-year college where they may major in one of the following subject areas:

Biology	Engineering	Physics
Business Administration	Forestry	Pre-Dentistry
Chemistry	Geology	Pre-Medicine
Communications-Radio & Television Broadcasting	Mathematics	Pre-Veterinary
Conservation	Pharmacy	

**Program Requirements:** Although the major emphasis in these curriculums is in mathematics, biological science, and physical science, the curriculums also include courses in the humanities and social sciences. When planning a program and selecting electives, the student should become acquainted with the requirements of the major department in the college or university to which he/she expects to transfer.



# Biological Science Degree Program

(281) 756-3746

Associate of Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
+BIOL 1406	General Biology I	3	3	4
CHEM 1411	General Chemistry & Analysis I	3	4	4
+ENGL 1301	Composition and Rhetoric I	3	0	3
+MATH 1314	College Algebra	3	0	3
+**HIST 1301	The U.S. to 1877	3	0	3
PHED	Physical Activity	0	3	1
		15	10	18
<b>Second Semester</b>				
+BIOL 1407	General Biology II (Botany)	3	3	4
CHEM 1412	General Chemistry & Analysis II	3	4	4
+ENGL 1302	Composition and Rhetoric II	3	0	3
+CSCI 1401(or higher)	Microcomputer Applications	3	3	4
+**HIST 1302	The U.S. Since 1877	3	0	3
PHED	Physical Activity	0	3	1
		15	13	19
<b>Third Semester</b>				
BIOL 2306 or BIOL 2401	Environmental Conservation Anatomy and Physiology I	3	0-3	3-4
CHEM 2423	Organic Chemistry	3	4	4
+ENGL 2332 or ENGL 2322	Survey of Literature I Survey of English Literature I	3	0	3
+GOVT 2301	American National & State Govt. I	3	0	3
+Visual/Perform. Arts	Visual/Performing Arts	3	0	3
		15	4-7	16-17
<b>Fourth Semester</b>				
BIOL 2420 or BIOL 2402	Microbiology Anatomy and Physiology II	3	3	4
CHEM 2425	Organic Chemistry	3	4	4
+Social/Behav. Sciences	Social/Behavioral Science	3	0	3
+GOVT 2302	American National & State Govt. I	3	0	3
+SPCH 1315	Public Speaking	3	0	3
		15	7	17

+Denotes core requirement; see p. 17

\*\*Texas History (HIST 2301) may be substituted for one semester U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

Total Minimum Credits Required for Biological Science Degree .....70

Educational Programs



# Business Administration Degree Program

(281) 756-3660

Associate of Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
+ENGL 1301	Composition and Rhetoric I	3	0	3
+MATH 1314	College Algebra	3	0	3
***HIST 1301	The U.S. to 1877	3	0	3
+Natural Science	Natural Sciences	3	3-4	4
+Visual/Performing Arts	Visual/Performing Arts	3	0	3
PHED	Physical Activity	0	3	1
		15	6-7	17
<b>Second Semester</b>				
+ENGL 1302	Composition and Rhetoric II	3	0	3
MATH 1324	Math for Business & Social Science I	3	0	3
***HIST 1302	The U.S. Since 1877	3	0	3
+Natural Science	Natural Sciences	3	3-4	4
+Humanities	Humanities	3	0	3-4
PHED	Physical Activity	0	3	1
		15	6-7	17-18
<b>Third Semester</b>				
***BCIS 1405	Business Computer Applications	3	3	4
***ACCT 2301	Financial Accounting	3	1	3
+GOVT 2301	American National & State Govt. I	3	0	3
***ECON 2301 <sup>a</sup>	Principles of Economics I	3	0	3
BUSI 2301	Business Law I	3	0	3
		15	4	16
<b>Fourth Semester</b>				
+SPCH 1315 or SPCH 1321	Public Speaking Business Speaking	3	0	3
***ACCT 2302	Managerial Accounting	3	1	3
+GOVT 2302	American National & State Govt. II	3	0	3
***ECON 2302	Principles of Economics II	3	0	3
MATH 1325	Math for Business & Social Science II	3	0	3
		15	1	15

+Denotes core requirement; see p. 17

\*\*Texas History (HIST 2301) may be substituted for one semester U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

<sup>a</sup>Satisfies Social/Behavioral Science Core Requirement

\*\*\*Field of Study Curriculum; see p. 20

Total Minimum Credits Required for Business Administration Degree.....65



**Communications/Radio and Television Broadcasting**

281-756-3765

**Degree Program**

(for students planning to transfer to a four year institution)

Associate of Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
+ENGL 1301	Composition and Rhetoric I	3	0	3
+MATH 1314	College Algebra	3	0	3
+**HIST 1301	The U.S. to 1877	3	0	3
+Natural Science	Natural Sciences	3	3-4	4
COMM 1335	Survey of Radio/Television	3	0	3
PHED	Physical Activity	0	3	1
		15	6-7	17
<b>Second Semester</b>				
+ENGL 1302	Composition and Rhetoric II	3	0	3
COMM 2311	News Gathering & Writing I	3	0	3
+**HIST 1302	The U.S. Since 1877	3	0	3
+Natural Science	Natural Sciences	3	3-4	4
COMM 2331	Radio & TV Announcing	3	0	3
PHED	Physical Activity	0	3	1
		15	6-7	17
<b>Third Semester</b>				
ENGL 2322 or ENGL 2326 or ENGL 2332	Survey of English Literature American Literature Survey of Literature I	3	0	3
COMM 2303	Basic Radio Production	2	3	3
+GOVT 2301	American National & State Govt. I	3	0	3
+ECON 2301 <sup>a</sup>	Principles of Economics I	3	0	3
COMM 1336	Television Production I	2	3	3
		13	6	15
<b>Fourth Semester</b>				
+SPCH 1315 or SPCH 1318	Public Speaking Interpersonal Communication	3	0	3
DRAM 2366	Introduction to Film	2	3	3
+GOVT 2302	American National & State Govt. II	3	0	3
COMM 2314 or COMM 1337	Advanced Radio Production Television Production II	2	3	3
+COSC 1401 (or higher)	Microcomputer Applications	3	3	4
		13	9	16

+Denotes core requirement; see p. 17

\*\*Texas History (HIST 2301) may be substituted for one semester U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

<sup>a</sup>Satisfies Social/Behavioral Science Core Requirement

Total Minimum Credits Required for Communication/Radio &amp; Television Broadcasting Degree . . . . . 65



# Mathematics Degree Program

Associate of Science Degree Program

(281) 756-3705

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
+ENGL 1301	Composition and Rhetoric I	3	0	3
+MATH 1314	College Algebra	3	0	3
+**HIST 1301	The U.S. to 1877	3	0	3
PHED	Physical Activity	0	3	1
+Visual/Performing Arts	Visual/Performing Arts	3	0	3
		12	3	13
<b>Second Semester</b>				
+ENGL 1302	Composition and Rhetoric II	3	0	3
MATH 2412	Pre-Calculus	4	0	4
+**HIST 1302	The U.S. Since 1877	3	0	3
PHED	Physical Activity	0	3	1
+Humanities	Humanities	3	0	3
+Social/Behavioral Sciences	Social/Behavioral Sciences	3	0	3
		16	3	17
<b>Third Semester</b>				
ENGL 2332 or ENGL 2322	Survey of Literature I	3	0	3
+GOVT 2301	Survey of English Literature I	3	0	3
MATH 2413	American National & State Govt. I	4	0	4
+SPCH 1315	Calculus I	3	0	3
+Natural Sciences	Public Speaking	3	3-4	4
	Natural Sciences	16	3-4	17
<b>Fourth Semester</b>				
+GOVT 2302	American National & State Govt. II	3	0	3
MATH 2414	Calculus II	4	0	4
+Natural Science	Natural Sciences	3	3-4	3-4
+COSC 1401 (or higher)	Microcomputer Applications	3	3	4
		13	6-7	14-15

+Denotes Core Requirement; see p. 17

\*\*Texas History (HIST 2301) may be substituted for one semester U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

Total Minimum Credits Required for Mathematics Degree.....61



# Physical Science Degree Program

Associate of Science Degree Program

(281) 756-3745

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CHEM 1411	General Chemistry & Analysis I	3	4	4
+ENGL 1301	Composition and Rhetoric I	3	0	3
**HIST 1301	The U.S. to 1877	3	0	3
+SPCH 1315	Public Speaking	3	0	3
PHED	Physical Activity	0	3	1
+COSC 1401 (or higher)	Microcomputer Applications	3	3	4
		15	10	18
<b>Second Semester</b>				
CHEM 1412	General Chemistry & Analysis II	3	4	4
+ENGL 1302	Composition and Rhetoric II	3	0	3
**HIST 1302	The U.S. Since 1877	3	0	3
+MATH 2412	Pre-Calculus Math	4	0	4
+Visual/Perform. Arts	Visual/Performing Arts	3	0	3
PHED	Physical Activity	0	3	1
		16	7	18
<b>Third Semester</b>				
***Science	Recommended for Majors	6	6-7	8
+ENGL 2332 or ENGL 2322	Survey of Literature I / Survey of English Literature I	3	0	3
+GOVT 2301	American National & State Govt. I	3	0	3
MATH 2413	Calculus I	4	0	4
		16	6-7	18
<b>Fourth Semester</b>				
****Science	Second half of science courses taken third semester	6	6-7	8
+GOVT 2302	American National & State Govt. II	3	0	3
MATH 2414	Calculus II	4	0	4
+Social/Behav. Science	Social/Behavioral Science	3	0	3
		16	6-7	18

+Denotes core requirement; see p. 17

\*\*\*Chemistry majors should take CHEM 2423 and either PHYS 2425 or BIOL 1406.

Geology majors should take GEOL 1403 and PHYS 1401. Physics majors should take PHYS 2425 and either BIOL 1406 or GEOL 1403.

\*\*Texas History (HIST 2301) may be substituted for one semester U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

\*\*\*\*Select two of the following: CHEM 2425, PHYS 2425, GEOL 1403, BIOL 1406, PHYS 1401

Total Minimum Credits Required for Physical Science Degree .....72



## Associate of Applied Science Degree Programs

**Degree:** Associate of Applied Science (A.A.S.)

**Length:** Four-Semester (Two-Year) Program

**Purpose:** The Associate of Applied Science Degree (A.A.S.) is awarded to students who fulfill the requirements in one of the following programs:

Child Development/Early Childhood	Emergency Medical Technology
Communications-Radio Broadcasting	Law Enforcement & Police Administration
Communications-Television Broadcasting	Legal Assistant
Computer Repair Technology	Legal Office Professional
Computer Science - Networking	Management Development
Court Reporting	Marine Robotics
Computer Science Technology	Medical Office Professional
Correctional Science	Mental Health/Chemical Dependence Counseling (LCDC)
Diagnostic Cardiovascular Sonography-Echocardiography	Nursing ADN
Diagnostic Cardiovascular Sonography-Non-Invasive Vascular Technology	Office Professional
Drafting Technology	Process Technology
Electronic Technology	Respiratory Care

These programs are two years in length, and prepare the student for immediate occupational employment.

**Capstone Experience:** The capstone is a learning experience which results in a consolidation of a student's educational experience and certificate mastery of entry-level workplace competencies. The Capstone experience must occur in the last semester of the student's educational program.

## Advanced Technical Certificate Programs

(Associate of Applied Science Degree in an Allied Health Program required prior to earning these certificates.)

Diagnostic Cardiovascular Sonography-Echocardiography  
Diagnostic Cardiovascular Sonography-Non-Invasive Vascular Technology

## Certificate Programs

The Certificate of Completion in Technical Education is awarded to students who fulfill the requirements in one of the following programs:

Accounting Clerk	Electronics
Child Development/Early Childhood	Emergency Medical Technology
Child Development/Early Childhood Admin.	Instrumentation Technology
Communications-Radio Broadcasting	Law Enforcement & Police Administration
Communications-Television	Lawyer's Assistant
Computer Repair	Legal Assistant
Computer Science-Data Processing	Legal Stenography
Computer Science-Networking	Management Development
Court Reporting	Marine Robotics
Court Reporting Scopist	Mental Health/Chemical Dependence Counseling (LCDC)
Criminal Justice-Correctional Admin.	Medical Coding & Billing Specialist
Criminal Justice-Correctional Science	Medical Transcriptionist
Criminal Justice-Crime Scene Technician	Office Assistant
Criminal Justice-Police Administration	Process Technology
Criminal Justice-Texas Peace Officer	Vocational Nursing
Drafting Technology	Word Processing
Electronic Communications	

These programs vary in length from one to three semesters, and they prepare the student for immediate occupational employment.



# Child Development/Early Childhood Degree Program

(281) 756-3644

**Degree:** Associate of Applied Science (A.A.S.)

**Length:** Four-Semester (Two-Year) Program

**Purpose:** The curriculum in child development and early childhood prepares individuals for career services in day care centers, pre-school programs and related occupations. Supported by a broad general education, training is given to develop professional competence in the area of child development and early childhood.

**Admission Requirements:** In addition to the general requirements for admission to the college, entry into the program requires a personal interview with the Child Development/Early Childhood Department.

**Program Requirements:** Approximately two-thirds of the curriculum includes courses in child development and early childhood with the remaining courses in related areas, general education, and electives. Instruction includes both the theoretical concepts and practical applications needed for future success in child development and early childhood or related activities. Students are urged to consult with their faculty advisor and the Office of Admissions and Academic Advising in planning their program and selecting electives. Upon satisfactory completion of the program, the graduate will be awarded the Associate in Applied Science Degree.

## Associate of Applied Science Degree Program-TECH PREP

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester</b>				
CDEC 1270	Early Childhood: Games & Recreation	1	2	2
TECA 1311 or *CDEC 1313	Introduction to Early Childhood Education Curriculum Resources for Early Childhood Prog.	3	0	3
CDEC 1317	Child Development Associate Training I	2	3	3
*CDEC 1358	Creative Arts for Early Childhood	2	3	3
ENGL 1301	Composition and Rhetoric I	3	0	3
PHED	Physical Activity	0	3	1
		11	11	15
<b>Second Semester</b>				
TECA 1354	Child Growth and Development	3	0	3
CDEC 1356	Emergent Literacy for Early Childhood	2	3	3
*CDEC 1384 or CDEC 2322	Cooperative Ed. in Child Development I Child Development Assoc. Training II	1	20/8	3
COSC 1401	Microcomputer Applications	3	3	4
SPCH 1315	Public Speaking	3	0	3
PHED	Physical Activity	0	3	1
		12	17/29	17
<b>SECOND YEAR</b>				
<b>First Semester</b>				
BIOL 2306	Environmental Conservation	3	0	3
TECA 1303	Family and the Community	3	0	3
CDEC 1319	Child Guidance	3	1	3
CDEC 1359	Children with Special Needs	3	0	3
***CDEC 2324 or ***CDEC 2384	Child Development Associate Training III Cooperative Ed. in Child Development II	1	8/20	3
		13	9/21	15
<b>Second Semester</b>				
TECA 1318	Nutrition, Health and Safety	3	0	3
CDEC 1357	Math and Science for Early Childhood	2	3	3
CDEC 1321	The Infant and Toddler	3	0	3
SOCI 2319	American Minorities	3	0	3
ARTS 1301	Art Appreciation	3	0	3
		14	3	15

\*Students who finish high school program are given college credit for these courses.

\*\*\*CDEC 2324 or CDEC 2384 may be used as Capstone course.

Total Credits Required for A.A.S. Child Development/Early Childhood Degree ..... 62

Educational Programs



## Child Development/Early Childhood Certificate

**Degree:** Certificate

**Length:** 35 Semester Hours

**Purpose:** The Certificate of Child Development/Early Childhood Administration is designed for mature persons working in the early childhood field. A certificate represents the completion of 35 hours of approved course work.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CDEC 1270	Early Childhood: Games & Recreation	1	2	2
TECA 1311 or CDEC 1313	Introduction to Early Childhood Education Curriculum Resources for Early Childhood Programs	3	0	3
CDEC 1317	Child Development Associate Training I	2	3	3
CDEC 1358	Creative Arts for Early Childhood	2	3	3
CDEC 1359	Children with Special Needs	3	0	3
CDEC 2322 or CDEC 1384	Child Development Associate Training II Cooperative Ed. in Child Development I	1	8/20	3
		12	16/28	17
<b>Second Semester</b>				
TECA 1318	Nutrition, Health and Safety	3	0	3
TECA 1354 or CDEC 1321	Child Growth and Development or The Infant and Toddler	3	0	3
CDEC 1356	Emergent Literacy for Early Childhood	2	3	3
CDEC 1357	Math & Science for Early Childhood	2	3	3
*CDEC 2324 or *CDEC 2384	Child Development Associate Training III Cooperative Ed. in Child Development II	1	8/20	3
Elective	College Elective	3	0	3
		14	14/26	18

\*Capstone course requirement: CDEC 2324 or CDEC 2384.

Total Credits Required for Child Development/Early Childhood Certificate ..... 35

## Child Development/Early Childhood Administration Certificate

**Degree:** Certificate

**Length:** 26 Semester Hours

**Purpose:** The Certificate of Child Development/Early Childhood Administration is designed for mature persons working in the early childhood field. A certificate represents the completion of 26 hours of approved course work.

<b>First Semester</b>				
CDEC 1313	Curriculum Resources for Early Childhood	3	0	3
CDEC 1317	Child Development Training I	2	3	3
CDEC 2322 or CDEC 1384	Child Development Training II Cooperative Ed. in Child Development I	1	8/20	3
CDEC 2426	Administration of Program for Children I	3	2	4
		9	13/25	13
<b>Second Semester</b>				
CDEC 1318	Nutrition, Health and Safety	3	0	3
*CDEC 2324 or *CDEC 2384	Child Development Training III Cooperative Ed. in Child Development II	1	8/20	3
CDEC 2428	Administration of Program for Children II	3	2	4
Elective	College Elective	3	0	3
		10	10/22	13

\*Capstone Course Required: CDEC 2324 or CDEC 2384.

Total Credits Required for Certificate of Child Development/Early Childhood Administration ..... 26



# Communications - Radio/TV Broadcasting Degree Program

(281) 756-3892

## Associate of Applied Science Degree (A.A.S.) - Tech Prep

Length: Four-Semester (Two-Year) Program

**Purpose:** The program is designed to prepare the student for further study at a senior institution or for an entry level position in the field of communications.

**Program Requirements:** This curriculum includes the general education courses and introductory specialty courses that are usually required in the first two years of equivalent baccalaureate programs.

When planning a program and selecting electives, the student should become acquainted with the requirements of the major department in the college or university to which he/she expects to transfer. Students planning to begin employment upon completion of their program should give special consideration to their specific area of interest in the field of communications when selecting electives. Students planning on transferring to a four year academic institution would consult with the department chair, and enroll under the COMM rubric.

### OPTION I - Radio Broadcasting

Associate of Applied Science Degree Program - Tech Prep

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester</b>				
COSC 1401	Microcomputer Applications	3	3	4
ENGL 1301	Composition and Rhetoric I	3	0	3
PHED	Physical Activity	0	3	1
RTVB 1301	Broadcast News Writing	2	4	3
RTVB 1317	Survey of Electronic Media	3	0	3
RTVB 1329	Writing for Electronic Media	2	4	3
		13	14	17
<b>Second Semester</b>				
MUSC 1327	Audio Engineering I	2	2	3
RTVB 1355	Radio and Television Announcing	2	4	3
RTVB 1380	Cooperative Education-Radio/TV Broadcasting	1	20	3
RTVB 1409	Audio/Radio Production I	2	6	4
SOCI 1301	Principles of Sociology	3	0	3
		10	32	16
<b>SECOND YEAR</b>				
<b>First Semester</b>				
HIST 1301	The United States to 1877	3	0	3
RTVB 2339	Broadcast Sales	2	4	3
RTVB 2380	Cooperative Education-Radio/TV Broadcasting	1	20	3
RTVB 2431	Audio/Radio Production III	2	6	4
MUSC 2427 or	Audio Engineering II	2	4	4
MUSC 2447	Audio Engineering III	2	4	4
		10	34	17
<b>Second Semester</b>				
MATH 1314	College Algebra	3	0	3
MRKG 1313	Public Relations	3	0	3
SPCH 1315	Public Speaking	3	0	3
*RTVB 1391	Special Topics in Radio/TV Broadcasting	2	4	3
Elective	Visual & Performing Arts/Humanities	3	0	3
PHED	Physical Activity	0	3	1
		14	7	16

\*Capstone Course

Total Credits Required for Communications-Radio Broadcasting Degree.....66

Educational Programs



## OPTION II - Television Broadcasting

Associate of Applied Science Degree Program - Tech Prep

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester</b>				
COSC 1401	Microcomputer Applications	3	3	4
ENGL 1301	Composition and Rhetoric I	3	0	3
PHED	Physical Activity	0	3	1
RTVB 1317	Survey of Electronic Media	3	0	3
RTVB 1325	TV Studio Production	2	4	3
RTVB 1329	Writing for Electronic Media	2	4	3
		<u>13</u>	<u>14</u>	<u>17</u>
<b>Second Semester</b>				
RTVB 1355	Radio/TV Announcing	2	4	3
RTVB 1381	Cooperative Education-Radio/TV Broadcasting	1	20	3
RTVB 1421	TV Field Production	2	6	4
RTVB 2335	TV Production Workshop I	2	4	3
SOCI 1301	Principles of Sociology	3	0	3
		<u>10</u>	<u>34</u>	<u>16</u>
<b>SECOND YEAR</b>				
<b>First Semester</b>				
DRAM 2366	Development of the Motion Picture	2	3	3
HIST 1301	The United States to 1877	3	0	3
MRKG 1313	Public Relations	3	0	3
RTVB 2339	Broadcast Sales	2	4	3
RTVB 2381	Cooperative Education-Radio/TV Broadcasting	1	20	3
		<u>11</u>	<u>27</u>	<u>15</u>
<b>Second Semester</b>				
MATH 1314	College Algebra	3	0	3
PHED	Physical Activity	0	3	1
SPCH 1315	Public Speaking	3	0	3
*RTVB 1391	Special Topics in Radio/TV Broadcasting	2	4	3
Elective	Visual & Performing Arts/Humanities	3	0	3
		<u>11</u>	<u>7</u>	<u>13</u>

\*Capstone Course

Total Credits Required for Communications-Television Broadcasting Degree ..... 61

### Communications-Radio/TV Broadcasting Enhanced Skills Certificate

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
RTVB 1445	Broadcast Engineering	3	3	4
RTVB 2335	TV Production	2	3	3

Total Credits Required for Enhanced Skills Certificate Communications ..... 68



## Communications - Radio/TV Broadcasting Certificate

Length: Two-Semester (One-Year) Program

Purpose: The program prepares the student for entry into occupations in radio broadcasting, sound reinforcement and recording, or television. Completion of this program also enhances the effectiveness of those presently employed in the field of communications.

Program Requirements: The student will be awarded a certificate upon completion of the program in his/her particular area of interest.

### OPTION 1 - Radio Broadcasting

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
RTVB 1301	Broadcast News Writing	2	4	3
RTVB 1317	Survey of Electronic Media	3	0	3
RTVB 1329	Writing for Electronic Media	2	4	3
RTVB 1380	Cooperative Education-Radio/TV Broadcasting	1	20	3
RTVB 1409	Audio/Radio Production I	2	6	4
		10	34	16
<b>Second Semester</b>				
MUSC 1327	Audio Engineering I	2	2	3
RTVB 1355	Radio/TV Announcing	2	4	3
*RTVB 2380	Cooperative Education-Radio/TV Broadcasting	1	20	3
RTVB 2339 or	Broadcast Sales	2/3	4/0	3
MRKG 1313	Public Relations	7/8	30/26	12

\*Capstone Course

Total Credits Required for Communications-Radio Broadcasting Certificate . . . . . 28

### OPTION 2 - Television Broadcasting

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
RTVB 1317	Survey of Electronic Media	3	0	3
RTVB 1325	TV Studio Production	2	4	3
RTVB 1329	Writing for Electronic Media	2	4	3
RTVB 1421	TV Field Production	2	6	4
RTVB 2339	Broadcast Sales	2	4	3
		11	18	16
<b>Second Semester</b>				
DRAM 2366	Development of the Motion Picture	2	3	3
MRKG 1313	Public Relations	3	0	3
RTVB 1355	Radio and Television Announcing	2	4	3
*RTVB 1381	Cooperative Education-Radio/TV Broadcasting	1	20	3
RTVB 2335	TV Production Workshop I	2	4	3
		10	31	15

\*Capstone Course

Total Credits Required for Communications -Television Certificate . . . . . 31



# Computer Science Technology - Computer Programming Degree (281) 756-3782

**Degree:** Associate of Applied Science Degree (A.A.S.)

**Length:** Four-Semester (Two-Year) Program

**Purpose:** The Computer Science Technology curriculum develops in students the skills, knowledge, attitudes, and abilities which will enable them to function in positions of responsibility in the current employment market. Special emphasis is given to computer programming, and each student is urged to consult with the Counseling Center or faculty advisor.

**Program Requirements:** This curriculum in computer science is a two-year program encompassing instruction in the many areas required for competence as a technician in the computer science industry. Approximately one-half of the curriculum includes courses in computer technology, with the remaining courses in technically related areas: mathematics, business, and general education. This curriculum provides a broad background qualifying the student to perform effectively in several different occupational areas of the computer science technology field. Upon completion of the two-year curriculum, with an overall grade point average of 2.0 for all computer science courses attempted, the student will be awarded the Associate of Applied Science Degree with a major in Computer Science Technology, specializing in business computer programming.

## Associate of Applied Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester</b>				
COSC 1401	Microcomputer Applications	3	3	4
ITSE 1410 or ITSE 1422 or COSC 1418	Pascal Programming or Introduction to C Programming or Pascal Programming Language	3	3	4
ENGL 1301	Composition and Rhetoric I	3	0	3
HIST 1301	The United States to 1877	3	0	3
MATH 1314	College Algebra	<u>3</u>	<u>0</u>	<u>3</u>
		15	6	17
<b>Second Semester</b>				
ITSE 1431 or BCIS 1431	Introduction to Visual BASIC Programming or Computer Programming - Visual Basic	3	3	4
ITSE 1407 or COSC 1420	Introduction to C++ Programming or Computer Programming - C++	3	3	4
ENGL 1302 or ENGL 2311	Composition and Rhetoric II or Technical Communication	3	0	3
HIST 1302 or HIST 2301	The United States Since 1877 or Texas History	3	0	3
MATH 2412 or MATH 1324	Pre-Calculus Math or Math for Business & Social Sciences I	<u>3/4</u>	<u>0</u>	<u>3/4</u>
		15/16	6	17/18
<b>SECOND YEAR</b>				
<b>First Semester</b>				
ITSE 2413 or ITSE Elective	Web Authoring or ITSE Elective	3	3	4
BMGT 1303	Principles of Management	3	0	3
Elective	Visual & Performing Arts/Humanities	3	0	3
GOVT 2301	American, National & State Government I	3	0	3
SPCH 1315	Public Speaking	3	0	3
PHED	Physical Activity	<u>0</u>	<u>3</u>	<u>1</u>
		15	6	17
<b>Second Semester</b>				
ITSE 2417	JAVA Programming	3	3	4
*ITSE 2449	Advanced Visual BASIC Programming	3	3	4
ITSE 2387 or Elective	Internship - Computer Programming or College Level Elective	0/3	18/0	3
GOVT 2302	American, National & State Government II	3	0	3
PHED	Physical Activity	<u>0</u>	<u>3</u>	<u>1</u>
		9/12	27/9	15

\* Capstone Course

Total Credits Required for A.A.S. Computer Programming Degree.....66



# Computer Science - Networking

**Length:** Four Semesters (Two Year) Program

**Purpose:** The Computer Science Networking program would prepare students for careers in many areas of LAN/WAN administration and design. ACC is a valued member of the Microsoft IT Academy program and thus holds a leveraged position for success in a variety of career opportunities (e.g. installing, managing and maintaining Microsoft servers and networks worldwide). This 65 credit A.A.S. program is designed to include the Microsoft Certified System Administrator (MCSA) and/or Microsoft Certified System Engineer (MCSE) sequence. Program graduates will be prepared for both of these industry leading certification examinations as well as the more basic CompTIA Network+ generic certification. This College has one networked classroom lab on the main campus dedicated exclusively to the Network Administrator/Engineer curriculum.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester</b>				
ITNW 1321	Introduction to Networking	3	1	3
ITNW 1325	Fundamentals of Networking	3	1	3
CPMT 1411	Intro to Computer Maintenance	3	3	4
MATH 1314	College Algebra	3	0	3
CETT 1425	Digital Fundamentals	<u>3</u>	<u>3</u>	<u>4</u>
		15	8	17
<b>Second Semester</b>				
PHED	Physical Activity	0	3	1
ITMC 1319	Installing & Administering Windows 2000 Server Operating Systems			
ITMC 1341	Implementing MS Windows 2000 Professional and Server	2	2	3
POFT 1301	Business Communications	2	2	3
ITNW 2321	Networking with TCP/IP	3	0	3
ITSY 1342	Information Technology Security	2	2	3
ENGL 1301	Composition and Rhetoric 1	2	2	3
		<u>3</u>	<u>0</u>	<u>3</u>
		14	11	19
<b>SECOND YEAR</b>				
<b>First Semester</b>				
Elective	Visual & Performing Arts/Humanities	3	0	3
ITMC 1342	Implementing MS Windows 2000 Infrastructure			
ITMC 1343	Implementing and Administering MS Windows 2000 Directory Services	2	2	3
*ITMC 2371	Managing a Windows 2000 Network	3	3	4
ENGL 2311	Technical Communication	<u>3</u>	<u>0</u>	<u>3</u>
		13	7	16
<b>Second Semester</b>				
SOCI 1301	Principles of Sociology	3	0	3
PHED	Physical Activity	0	3	1
ITMC 2331	Designing a Windows 2000 Directory Services Infrastructure	2	2	3
ITMC 2333	Designing a Secure Windows 2000 Network	2	2	3
ITMC 2334	Designing a Windows 2000 Upgrade Strategy	<u>2</u>	<u>2</u>	<u>3</u>
		9	9	13

\* Capstone Course

Total Credits Required for A.A.S of Computer Networking .....65



## Computer Science Technology - General Computer Data Processing Certificate Program

**Length:** Two-Semester (One-Year) Program

**Purpose:** The general computer data processing curriculum provides students with an introduction to data processing and allows persons already engaged in business and industry to increase their computer knowledge.

**Program Requirements:** The curriculum includes technical courses in computer science. Each student is urged to consult with the Office of Admissions & Academic Advising or faculty advisor. Upon satisfactory completion of the two semester curriculum, with an overall 2.0 grade point average for all computer science courses attempted, the student will be awarded the Certificate in Computer Science (General Computer Data Processing).

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
COSC 1401	Microcomputer Applications	3	3	4
ITSE 1410 or	Pascal Programming or	3	3	4
ITSE 1422 or	Introduction to C Programming or			
COSC 1418	Pascal Programming Language			
ENGL 1301	Composition and Rhetoric I	3	0	3
HIST 1301	The United States to 1877	3	0	3
MATH 1314	College Algebra	3	0	3
		15	6	17
<b>Second Semester</b>				
ITSE 1431 or	Introduction to Visual BASIC Programming or	3	3	4
BCIS 2416	Computer Programming - Visual Basic			
*ITSE 2413	Web Authoring	3	3	4
ENGL 1302	Composition and Rhetoric II	3	0	3
HIST 1302	The United States Since 1877	3	0	3
		12	6	14

\*Capstone Course

Total Credits Required for General Computer Data Processing Certificate . . . . . 31

## Computer Science Networking Certificate Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
COSC 1401	Microcomputer Applications	3	3	4
CPMT 1411	Introduction to Computer Maintenance	3	3	4
CETT 1425	Digital Fundamentals	3	3	4
ITNW 1321	Introduction to Networking	2	2	3
		11	11	15
<b>Second Semester</b>				
ITNW 1325	Fundamentals of Networking	2	2	3
ITMC 1319	Installing & Administering Windows 2000			
	Server Operating Systems	2	2	3
*ITMC 1341	Implementing MS Windows 2000 Professional and Server	2	2	3
CPMT 2445	Computer System Troubleshooting	3	3	4
		9	9	13

This plan provides courses for preparation for the following certifications:

CompTIA Network+ (Net+) Certification (ITNW 1325) / CompTIA A+ certification (CPMT 1411 and CPMT 2445)

Microsoft Certified Professional (MCP) certification (ITMC 1319 and 1341).

This plan provides 2 out of the 7 courses required for the Microsoft Certified Systems Engineer (MCSE) certification.

\*Capstone Course

Total Credits Required for Computer Science Networking Certificate . . . . . 28



# Computer Repair Technology Degree Program

**Degree:** Associate of Applied Science (A.A.S.)

**Purpose:** A computer system technologist from ACC is a well paid semiprofessional person who has developed computational skills, analytic abilities, and computer programming techniques to work with computer systems and networks. Employment opportunities in the exploding computer industry are virtually unlimited. Generally, a computer system technologist will be involved in the installation, repair and maintenance, troubleshooting and upgrading of computer systems and networks. A computer system technologist will spend one year in building a strong foundation in electronics and computer programming related to computer systems and networking. The second year will focus on computer systems and networking. Principles and skills necessary to operate, troubleshoot, install and repair various types of computer systems and networks are stressed. At the completion of the degree, the student will be prepared for the A+ certification exams, both CORE and Microsoft Windows/DOS module. The student will also be prepared for two modules of the MCSE certification program, both networking essentials and Windows NT Server.

**Program Requirements:** In addition to the general admission requirements for ACC, entry into the Associate of Applied Science Curriculum in Computer Repair Technology requires a proficiency in Algebra, English, and Reading. Students who lack proficiency will be required to complete developmental courses in the above subjects prior to enrolling in electronics courses.

## Associate of Applied Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CETT 1425	Digital Fundamentals	3	3	4
CPMT 1411	Introduction to Computer Maintenance	3	3	4
MATH 1314	College Algebra	3	0	3
ENGL 1301	Composition & Rhetoric I	3	0	3
PHED	Physical Activity	0	3	1
		12	9	15
<b>Second Semester</b>				
CETT 1403	DC Circuits	3	3	4
ITNW 1325	Fundamentals of Networking	2	2	3
CETT 1449 or	Digital Systems	3	3	4
CETT 1431	Technical Programming			
Elective	Visual & Performing Arts/Humanities	3	0	3
PHED	Physical Activity Elective	0	3	1
		11	11	15
<b>Third Semester</b>				
SOCI 1301	Principles of Sociology	3	0	3
CPMT 2433	Computer Integration	3	3	4
ITSE 1431	Visual Basic Programming	3	3	4
CETT 1429	Solid State Devices	3	3	4
SPCH 1315	Public Speaking	3	0	3
		15	9	18
<b>Fourth Semester</b>				
EECT 2439	Communications Circuits	3	3	4
CPMT 2437	Microcomputer Interfacing	3	3	4
*CPMT 2445	Computer System Troubleshooting	3	3	4
Elective	CSCI/CETT/CPMT	3	0	3
		12	9	15

\*Capstone Course

Total Credits Required for Computer Repair Degree .....63



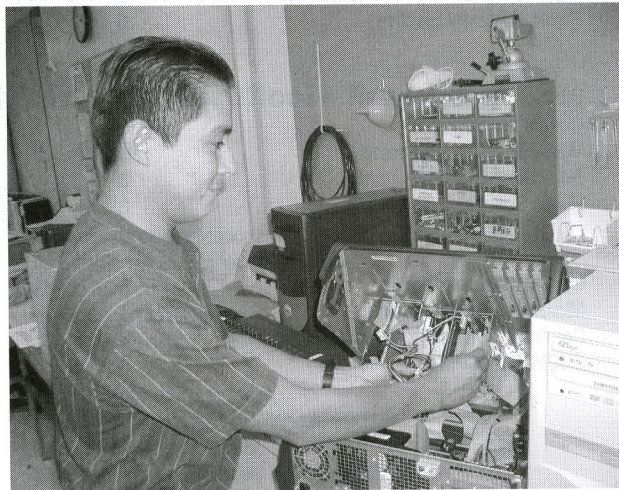
# Computer Repair Certificate

Length: Two-Semester Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CETT 1425	Digital Fundamentals	3	3	4
CPMT 1411	Introduction to Computer Maintenance	3	3	4
CPMT 2433	Computer Integration	3	3	4
		9	9	12
<b>Second Semester</b>				
CPMT 2437	Microcomputer Interfacing	3	3	4
*CPMT 2445	Computer System Troubleshooting	3	3	4
ITNW 1325	Fundamentals of Networking	2	2	3
		8	8	11

\*Capstone Course

Total Credits Required for Computer Repair Certificate.....23



ACC prepares students for a career in Computer Repair.



**Degree:** Associate of Applied Science (A.A.S.)

**Length:** Six-Semester Program

**Purpose:** The Associate of Applied Science Degree curriculum in Court Reporting prepares students for job entry positions in court reporting and for positions related to court reporting, e.g., scoping and captioning. This curriculum meets a need which exists due to the greatly expanding Gulf Coast area, the increasing demand for qualified court reporters and captioning/CART providers throughout the nation, and the lack of institutions to provide the necessary training.

**Program Description:** The curriculum runs for two years. However, the machine shorthand courses are offered in such a way as to allow students to progress at their own individual rates. Maximum use of live dictation exists in the program, as practice tapes are encouraged for use off-campus. Accommodations are made for students to secure credit for work previously accomplished through the credit-by-examination procedure.

**Program Objectives:** The objective of the two-year curriculum is for the student to attain the machine shorthand speed of 225 words per minute on testimony, 200 words per minute on jury charge, and 180 words per minute on literary material exceeding the standards of the National Court Reporters Association (NCRA). Accompanying objectives are the attainment of the Court Reporting Scopist Certificate for those students who desire it and an enhanced skills certificate in captioning/CART.

## Program Requirements:

1. To be considered for admission to the Associate Degree Court Reporting Program, the applicant must:
  - a. be a high school or GED graduate;
  - b. make application to ACC and fulfill the admission requirements of the College;
  - c. fill out a Court Reporting application and return it to the Chairperson of the Court Reporting Department;
  - d. have a personal interview with the Court Reporting Department Chairperson or his/her designee to develop a degree plan and secure a beginning schedule;
  - e. submit official copies of transcripts of all previous high school and college work to the ACC Registrar's Office;
  - f. be able to type 45 words per minute with not more than 5 errors on a five-minute test before entering Machine Shorthand Theory.

**Note:** A person convicted of a criminal offense involving moral turpitude, fraud, or corruption may be refused certification to the Supreme Court by the Texas Court Reporters Certification Board. Please contact the Texas Court Reporters Certification Board, Austin, Texas, for more information.

2. Any student who has accumulated the equivalent of any five full days absence in any subject may be dropped from the course. Students withdrawing from the program for reasons other than academic problems will be considered for readmission on an individual basis. All CRTR students will be limited to two semesters of CRTR 1404 (Machine Shorthand I). Students who do not complete all requirements for this course, including three 40 wpm five-minute tests with a grade above a D, within this time frame may be redirected to another program. Grades will be issued on the following basis:

A	90 - 100
B	80 - 89
C	75 - 79
D	70 - 74
F	0 - 69

No grade below a C (75%) in any CRTR English class, including CRTR 1312, CRTR 2311, will be accepted for progression. A grade of D or below will not be accepted for advancement in machine shorthand classes.

3. Transfer students:
  - a. must provide the ACC Registrar's Office with official transcripts for each institution attended and request evaluation by the Graduation Advisor and the Court Reporting Department Chairperson.
  - b. may apply for credit by examination by testing in the following areas: Legal Terminology; Medical Reporting; Reporting Communications I.
4. The Court Reporting Department will assist all graduates of the program in obtaining employment.
5. Advancement in the machine shorthand courses involves utilization and development of skills, which may be more difficult for some individuals; therefore, successful completion of these courses may require more than the two years outlined in the degree plan.



# Associate of Applied Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester (Fall)</b>				
CRTR 1213	Reporting Orientation	2	1	2
CRTR 1404	Machine Shorthand I	2	8	4
*CRTR 1312	Communications I	2	3	3
CRTR 1302	Law and Legal Terminology	3	0	3
PHED	Physical Activity	0	3	1
		9	15	13
<b>Second Semester (Spring)</b>				
CRTR 1406	Machine Shorthand II	2	8	4
*CRTR 2311	Communications II	2	3	3
CRTR 2306	Medical Reporting	3	0	3
CRTR 1314	Reporting Technology I	2	3	3
		9	14	13
<b>Third Semester (Summer)</b>				
CRTR 2401	Intermediate Machine Shorthand	2	8	4
SOCI 1301	Principles of Sociology	3	0	3
CRTR 1308	Realtime Reporting I	2	3	3
PHED	Physical Activity	0	3	1
		7	14	11
<b>SECOND YEAR</b>				
<b>First Semester (Fall)</b>				
CRTR 2403	Advanced Machine Shorthand	2	8	4
CRTR 1310	Realtime Reporting II	2	3	3
CRTR 2343	Simulated Courtroom Procedures	2	3	3
GOVT 2301 or HIST 1301	American National & State Government I The U.S. to 1877	3	0	3
		9	14	13
<b>Second Semester (Spring)</b>				
CRTR 2435	Accelerated Machine Shorthand	2	8	4
CRTR 2331	CSR/RPR Preparation	2	3	3
CRTR 2315	Reporting and Office Procedures	2	3	3
MATH 1314 or MATH 1332	College Algebra Contemporary Mathematics I	3	0	3
		9	14	13
<b>Third Semester (Summer)</b>				
SPCH 1318	Interpersonal Communications	3	0	3
Elective	Visual & Performing Arts/Humanities	3	0	3
CRTR 2381	Cooperative Education	1	20	3
		7	20	9

\*Students must take CRTR 1312 and 2311 in the Court Reporting Department regardless of prior English classes completed at ACC or other institutions.

Total Credits Required A.A.S. Court Reporting ..... 72

- The student shall pass the following exams:
  - One 180 wpm five-minute literary test with no more than 10 errors-98.9%
  - One 180 wpm five-minute testimony test with no more than 10 errors-98.9%
  - One 200 wpm five-minute jury charge test with no more than 25 errors-97.8%
  - Two 225 wpm five-minute testimony tests with no more than 25 errors-97.8%



- Two mock CSR exams. EACH exam consists of the following:
  - One 180 wpm five-minute literary test with no more than 45 errors-95%
  - One 200 wpm five-minute jury charge test with no more than 50 errors-95%
  - One 225 wpm five-minute testimony test with no more than 56 errors-95%

2. Each student shall complete an internship (CRTR 2381) of at least 15 verified hours per week for one semester with a practicing reporter plus 5 hours per week transcribing proceedings taken during the internship

Students are encouraged to utilize the tape library for home practice and skill building during free periods and before and after school.

## Court Reporting Enhanced Skills Certificate (Captioning)

**Purpose:** The captioning enhanced skills certificate prepares the student seeking the A.A.S. degree in court reporting to also work in the captioning arena: off-line and on-line captioning and also realtime translation of meetings, seminars, conferences, and classroom realtime translation.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
CRTR 1346	Captioning Reporting I	2	3	3
CRTR 2333	Captioning Reporting II	2	3	3

Total Credits Required Court Reporting Enhanced Skills Certificate .....78

## Court Reporting Certificate Program

**Length:** Six-Semester Program

**Purpose:** The certificate in Court Reporting prepares the student for full-time employment immediately in a specialized business occupation. This course provides a job outlet for those students who desire to work in the court reporting field, but do not wish to pursue an A.A.S. degree plan.

**Program Requirements:** Students entering this program must be high school graduates or possess a GED equivalency certificate. Each student is urged to consult with the Office of Admissions & Academic Advising and the Court Reporting Department Chairperson in planning his/her program. The Court Reporting Certificate will be awarded upon satisfactory completion of the six-semester program.

Note: The A.A.S. program requirements also apply to the certificate program in Court Reporting.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester (Fall)</b>				
CRTR 1213	Reporting Orientation	2	1	2
CRTR 1404	Machine Shorthand I	2	8	4
*CRTR 1312	Reporting Communications I	2	3	3
CRTR 1302	Law and Legal Terminology	3	0	3
		9	12	12
<b>Second Semester (Spring)</b>				
CRTR 1406	Machine Shorthand II	2	8	4
*CRTR 2311	Reporting Communications II	2	3	3
CRTR 2306	Medical Reporting	3	0	3
CRTR 1314	Reporting Technology I	2	3	3
		9	14	13
<b>Third Semester (Summer)</b>				
CRTR 2401	Intermediate Machine Shorthand	2	8	4
CRTR 1308	Realtime Reporting I	2	3	3
		4	11	7



**SECOND YEAR**

**First Semester (Fall)**

CRTR 2403	Advanced Machine Shorthand	2	8	4
CRTR 1310	Realtime Reporting II	2	3	3
CRTR 2343	Simulated Courtroom Procedures	2	3	3
		6	14	10

**Second Semester (Spring)**

CRTR 2435	Accelerated Machine Shorthand	2	8	4
CRTR 2331	CSR/RPR Preparation	2	3	3
CRTR 2315	Reporting and Office Procedures	2	3	3
		6	14	10

**Third Semester (Summer)**

*CRTR 2381	Cooperative Education	1	20	3
		1	20	3

\*Capstone Course

Total Credits Required for Court Reporting Certificate .....55

**Court Reporting Scopist Certificate Program**

**Length:** Three-Semester Program

**Purpose:** The Court Reporting Scopist Certificate prepares the student for full-time employment immediately in a specialized business occupation. This course provides a job outlet for those students who desire to work in the court reporting field, but do not desire to become a court reporter, or who find they must secure employment within a shorter time. Those seeking the Court Reporting Scopist Certificate will attain the speed of 80 words per minute on machine shorthand tests.

**Program Requirements:** Students entering this program must be high school graduates or possess a GED equivalency certificate. Students entering the scoping program must possess keyboarding skills of at least 50 words per minute. Each student is urged to consult with the Office of Admissions & Academic Advising and the Court Reporting Department Chairperson in planning his/her program. The Court Reporting Scopist Certificate will be awarded upon satisfactory completion of the three-semester program.

<i>Course Number</i>	<i>Course Title</i>	<i>Lecture Hours</i>	<i>Lab Hours</i>	<i>Credits</i>
<b>FIRST YEAR</b>				
<b>First Semester (Fall)</b>				
CRTR 1302	Law and Legal Terminology	3	0	3
CRTR 1312	Reporting Communications I	2	3	3
CRTR 1404	Machine Shorthand I	2	8	4
		7	11	10
<b>Second Semester (Spring)</b>				
CRTR 1314	Reporting Technology I	2	3	3
CRTR 1455	Dictation Speedbuilding	2	8	4
CRTR 2306	Medical Reporting	3	0	3
CRTR 2311	Reporting Communications II	2	3	3
		9	14	13
<b>Third Semester (Summer)</b>				
CRTR 2380	Cooperative Education - Court Reporter	1	20	3

\*Capstone Course

Total Credits Required for Court Reporting Scopist Certificate .....26



# Criminal Justice-Correctional Science Degree

(281) 756-3779

**Degree:** Associate of Applied Science (A.A.S.) - Tech Prep

**Length:** Four-Semester (Two-Year) Program

**Purpose:** The curriculum in correctional science prepares individuals for career services with the Texas Department of Corrections, with juveniles in institutions, and with related correctional occupations. Supported by a broad general education, training is given to develop professional competence in the field of contemporary corrections. This curriculum is applicable to both the preparatory student and the experienced correctional worker.

**Admission Requirements:** In addition to the general requirements for admission to the College, entry into the correctional science program requires the following:

1. A degree plan approved by the Criminal Justice Department Chairperson.
2. Satisfactory results on required tests.
3. Special Requirements: For employment with correctional agencies, the following qualifications are often prerequisites: (a) excellent physical condition free from any physical or mental condition which might adversely affect acceptance or performance as a correctional officer; (b) normal hearing, color vision, and eye functions; (c) weight in proportion to height; and (d) excellent moral character.

**Program Requirements:** Approximately one-half of the curriculum includes courses in correctional science with the remaining courses in related areas, general education, and electives. Instruction includes both the theoretical concepts and practical applications needed for future success in correctional work. Students are urged to consult with their faculty advisor and the Office of Admissions & Academic Advising in planning their program and selecting electives. Upon satisfactory completion of the program, the graduate will be awarded the Associate in Applied Science Degree.

## Associate of Applied Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CRIJ 1301	Introduction to Criminal Justice	3	0	3
CRIJ 1306	Court Systems and Practices	3	0	3
CRIJ 2323	Legal Aspects of Law Enforcement	3	0	3
ENGL 1301	Composition and Rhetoric I	3	0	3
COSC 1401	Microcomputer Applications	3	3	4
PHED	Physical Activity	0	3	1
		15	6	17
<b>Second Semester</b>				
CJCR 1304	Probation and Parole	3	0	3
CRIJ 1310	Fundamentals of Criminal Law	3	0	3
CRIJ 1307	Crime in America	3	0	3
Elective	Visual & Performing Arts/Humanities	3	0	3
MATH 1314 or	College Algebra	3	0	3
MATH 1332	Contemporary Mathematics I			
PHED	Physical Activity	0	3	1
		15	3	16
<b>Third Semester</b>				
CRIJ 2313	Correctional Systems and Practices	3	0	3
CRIJ 2301	Community Resources in Corrections	3	0	3
CJSA 1364	Practicum - Criminal Justice Studies	1	21	3
CJCR 1300	Basic Jail Course	3	0	3
SOCI 1301	Principles of Sociology	3	0	3
		13	21	15
<b>Fourth Semester</b>				
CJSA 1365	Practicum - Criminal Justice Studies	1	21	3
CRIJ 2328	Police Systems & Practices	2	3	3
CJSA1325	Criminology	3	0	3
SPCH 1318	Interpersonal Communication	3	0	3
Elective	College Level	3	0	3
		12	24	15

Total Minimum Credits Required for the Correctional Science Degree ..... 63



# Criminal Justice-Law Enforcement and Police Administration Degree

**Degree:** Associate of Applied Science (A.A.S.) - Tech Prep

**Length:** Four-Semester (Two-Year) Program

**Purpose:** The curriculum in Law Enforcement and Police Administration prepares individuals for career services in law enforcement and related occupations. Supported by a broad general education, training is given to develop professional competence in the fields of law enforcement administration, police science, prevention and control of delinquency and crime, correctional administration, and industrial security administration. This curriculum is applicable to both the preparatory student and the experienced officer.

**Admission Requirements:**

1. General requirements for admission to the College.
2. A degree plan approved by the Criminal Justice Department Chairperson.

**Program Requirements:**

1. Complete ACC graduation requirements (see Table of Contents, Academic Policies and Regulations).
2. Complete a minimum of 63 approved credit hours.

Upon satisfactory completion of program and ACC graduation requirements, the student will be awarded the Associate of Applied Science Degree.

## Associate of Applied Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CRIJ 1301 or	Introduction to Criminal Justice or	3	0	3
CJLE 1506	Basic Peace Officer I	3	0	3
CRIJ 2314	Criminal Investigation	3	0	3
CRIJ 1306	Court Systems and Practices	3	0	3
ENGL 1301	Composition and Rhetoric I	3	3	4
COSC 1401	Microcomputer Applications	0	3	1
PHED	Physical Activity	15	6	17
<b>Second Semester</b>				
CRIJ 2323 or	Legal Aspects of Law Enforcement or	3	0	3
CJLE 1512	Basic Peace Officer II	3	0	3
CRIJ 1310	Fundamentals of Criminal Law	3	0	3
Elective	Visual & Performing Arts/Humanities	3	0	3
MATH 1314 or	College Algebra	3	0	3
MATH 1332	Contemporary Mathematics I	3	0	3
SOCI 1301	Principles of Sociology	0	3	1
PHED	Physical Activity	15	3	16
<b>Third Semester</b>				
CRIJ 1307	Crime in America	3	0	3
CRIJ 2328	Police Systems and Practices	3	0	3
CRIJ 2301	Community Resources in Corrections	3	0	3
CJSA 2364 or	Practicum-Criminal Justice Studies or	0	21	3
CJLE 1518	Basic Peace Officer III	3	0	3
Elective	College Level	12	21	15
<b>Fourth Semester</b>				
CRIJ 2313	Correctional Systems and Practices	3	0	3
CRIJ 1313	Juvenile Justice System	3	0	3
Elective	Criminal Justice Elective	3	0	3
CJSA 2365 or	Practicum - Criminal Justice Studies or	0	21	3
CJLE 1524	Basic Peace Officer IV	3	0	3
SPCH 1318	Interpersonal Communication	12	21	15

Students who finish high school program may be given college credit for the college level courses completed.

Total Credits Required for Law Enforcement and Police Administration Degree .....63



## Criminal Justice-Correctional Administration Certificate

**Length:** Thirty-One Semester Hours

**Purpose:** The certificate program is designed for individuals who are working in the correctional field in management-type positions. Interested non-inservice persons should obtain permission from the Criminal Justice Department Chairperson.

**Program Requirements:** The certificate program includes required courses in correctional science and management development.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
BMGT 1303	Principles in Management	3	0	3
COSC 1401	Microcomputer Applications	3	3	4
CRIJ 1301	Introduction to Criminal Justice	3	0	3
CRIJ 1306	Court Systems and Practices	3	0	3
CRIJ 2301	Community Resources in Corrections	<u>3</u>	<u>0</u>	<u>3</u>
		15	3	16
<b>Second Semester</b>				
BMGT 2303	Problem Solving and Decision Making	3	0	3
CJSA 1364	Practicum-Criminal Justice Studies	0	21	3
CRIJ 2313	Correctional Systems and Practices	3	0	3
SOCI 1301	Principles in Sociology	3	0	3
SPCH 1318	Interpersonal Communications	<u>3</u>	<u>0</u>	<u>3</u>
		12	21	15

Total Credits Required for Correctional Administration Certificate .....31

## Correctional Science Certificate

**Length:** Two Semester (One-Year) Program

**Purpose:** The certificate program is designed for individuals working in the correctional field.

**Program Requirements:** A certificate student takes thirty (30) hours of prescribed courses. Upon successful completion of the approved course work, the student will be awarded a Correctional Science Certificate. Interested non-inservice persons should obtain permission from the Criminal Justice Chairperson.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CRIJ 1301	Introduction to Criminal Justice	3	0	3
CRIJ 1306	Court Systems and Practices	3	0	3
CRIJ 1307	Crime in America	3	0	3
CRIJ 1310	Fundamentals of Criminal Law	3	0	3
SOCI 1301	Principles of Sociology	<u>3</u>	<u>0</u>	<u>3</u>
		15	0	15
<b>Second Semester</b>				
CRIJ 1304	Probation and Parole	3	0	3
CRIJ 2301	Community Resources in Corrections	3	0	3
CRIJ 2313	Correctional Systems and Practices	3	0	3
CRIJ 2314	Criminal Investigation	3	0	3
CJCR 1300	Basic Jails Course	<u>3</u>	<u>0</u>	<u>3</u>
		15	0	15

Total Credits for Correctional Science Certificate .....30



## Criminal Justice-Crime Scene Technician Certificate

**Length:** Thirty-Three Semester Hours

**Purpose:** This course provides the student with the goals and principles of physical evidence and defines the application of forensic sciences to the criminal investigation. It identifies the goals of crime scene management and provides the methodologies employed in recording the crime scene and in locating, collecting, and preserving the evidence. The importance and procedures for establishment of the chain of custody are presented, as are the methods utilized for requesting laboratory analysis of the recovered items of evidence. Emphasis is placed on providing each student with hands-on experience with lecture.

**Program Requirements:** A certificate student takes thirty-three (33) hours of prescribed courses. Upon successful completion of the approved course work, the student will be awarded a Crime Scene Certificate.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CRIJ 1301	Introduction to Criminal Justice	3	0	3
CRIJ 1306	Court Systems and Practices	3	0	3
CRIJ 2328	Police Systems and Practices	3	0	3
CRIJ 1310	Fundamentals of Criminal Law	3	0	3
CRIJ 2314	Criminal Investigation	3	0	3
CJSA 1308	Criminalistics I	3	0	3
		<u>18</u>	<u>0</u>	<u>18</u>
<b>Second Semester</b>				
CJSA 2323	Criminalistics II	2	4	3
CJLE 2345	Vice and Narcotics Investigation	3	0	3
CRIJ 1307	Crime In America	3	0	3
CJSA 2332	Criminalistics III	2	4	3
CJSA 1325	Criminology	3	0	3
		<u>13</u>	<u>8</u>	<u>15</u>

Total Credits Required for Crime Scene Technician .....33

## Criminal Justice - Law Enforcement and Police Administration Certificate (Texas Peace Officers Program)

**Length:** Thirty-four semester hours

**Purpose:** The certificate program offers Law Enforcement/Criminal Justice students the opportunity to complete all Texas Commission on Law Enforcement Officer Standards and Education basic training requirements as part of their regular associate or baccalaureate program courses of study.

**Program Requirements:** The Texas Peace Officer Academic Certificate program consists of a sequence of ten courses. The first seven are those stipulated by the Texas College and University System Coordinating Board as a Criminal Justice transfer curriculum. The remaining three are also Coordinating Board approved. After successful completion of the Certificate Program, a student is eligible to take the TCLEOSE Basic Peace Officer Licensing Exam, provided there are no rule changes implemented by TCLEOSE. However, after September 2003, in addition to the below listed curriculum, all of the Texas Commission on Law Enforcement rules which are listed in the "Criminal Justice - Basic Law Enforcement Academy Certificate" apply to courses with an asterisk (\*). Also special fees, rules and dress will apply to the courses with two asterisks. All the required information can be obtained from the Criminal Justice Department. Requires Department Chairperson approval.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CRIJ 1301	Introduction to Criminal Justice	3	0	3
CRIJ 1306	Court Systems and Practices	3	0	3
CRIJ 1307	Crime in America	3	0	3
CRIJ 1310	Fundamentals of Criminal Law	3	0	3
CRIJ 2314	Criminal Investigation	3	0	3
		<u>15</u>	<u>0</u>	<u>15</u>
<b>Second Semester</b>				
*CJLE 2420	Texas Peace Officer Procedures	3	4	4
*CJLE 2421	Texas Peace Officer Law	3	4	4
*CJLE 2522	Texas Peace Officer Skills	4	4	5
CRIJ 2323	Legal Aspects of Law Enforcement	3	0	3
CRIJ 2328	Police Systems and Practices	3	0	3
		<u>16</u>	<u>12</u>	<u>19</u>

Total Credits Required for Law Enforcement & Police Administration Certificate .....34



## Criminal Justice - Basic Law Enforcement Academy Certificate

**Length:** Approximately 16 weeks - The day academy is conducted and completed during each of the regular semesters (fall and spring). Classes are conducted between 7:30 am and 5:30 pm, Monday through Friday, however, Defensive Driving and other skills classes may be conducted occasionally on weekends or at night. The night academy starts in the Fall Semester and completed with the Spring Semester. Classes are 6 pm to 10 pm, Monday thru Friday, however some classes may occasionally be conducted on weekends.

**Purpose:** The Alvin Community College Law Enforcement Academy train women and men for a career in Law Enforcement. The course curriculum is designed so the student can meet the testing objectives of the Texas Commission on Law Enforcement Officers Standards and Education (TCLEOSE) and be certified to take the TCLEOSE licensing examination. In addition, students will earn a total of 22 credit hours, 10 hours of which apply directly to the A.A.S. Law Enforcement and Police Administrative degree plan at Alvin Community College. The Academy has graduated over 50 classes during the last 3 decades.

**Accreditation:** The Alvin Community College-Law Enforcement Academy is an approved training academy by the Texas Commission on Law Enforcement Officers Standards and Education.

**Admission Requirements:** to be eligible for the program the student must:

1. Be a high school graduate or hold a certificate of equivalency (GED) with 12 college hours;
2. Be 21 years of age at the time of completion of the course or seek special approval from the Department Chair;
3. Agree to **purchase during the pre-registration** and then wear the prescribed uniform;
4. Complete and negotiate the TCLEOSE L-2 Declaration of medical condition **during the pre-registration**;
5. Complete and accurately answer a personal history statement **during pre-registration**;
6. Sign waiver forms as presented by the college **during pre-registration**;
7. Abide by the special written rules of the Academy and administrative orders issued during special circumstances;
8. Meet the minimal standards for licensing as required by TCLEOSE (Texas Administrative Code 217.1) which are applicable to a training environment. (TCLEOSE rules are subject to change without notice)

The following is a summary of the standards and should any conflict occur between the summarized standards and the TCLEOSE standards, then the TCLEOSE standards will govern: (TCLEOSE rules are subject to change without notice)

- a. Be 21 years of age upon graduation of the Academy or fall within an exception (see department chair).
  - b. Be fingerprinted and pay the necessary fees **during pre-registration**.
  - c. Not be on probation for any offense above a class "C" misdemeanor.
  - d. No convictions in past 10 years for misdemeanor offenses above a Class "C".
  - e. No felony convictions.
  - f. No convictions or served no probation for offenses relating to the responsibilities of the office as a peace officer.
  - g. Be of good moral character.
  - h. Prior military must have honorable discharge.
9. Pay special fees associated with the Academy courses **during pre-registration**.

**Special Registration Requirements:** since this course is governed by the TCLEOSE rules the following special conditions apply:

1. No late registration-all special conditions to registration must be completed prior to the first class meeting.
2. The student must contact the Criminal Justice Department **at least 30 days** in advance of the first class meeting in order to be measured for uniforms and special equipment. The student will be expected to pay the vendor for the items ordered.
3. A special pre-academy entry exam is required prior to registration and is administered by the Criminal Justice Department. If a student fails the test by less than 6 points, one retake is allowed. If a student fails the re-take then the student must wait for the next academy and begin the testing series anew. The test can be arranged by contacting the Criminal Justice Department.
4. A check off sheet listing the course prerequisites is required at the time of registration approved by the Academy Coordinator/Commander or the Chair of Criminal Justice.
5. Space is limited so the pre-registration conducted by the Criminal Justice Department will determine the order of acceptance to the academy.
6. **THE PRE-REGISTRATION WITH THE CRIMINAL JUSTICE DEPARTMENT MUST BE COMPLETED 30 DAYS PRIOR TO THE FIRST CLASS.**

### Course Requirements:

Day Academy students must enroll in Basic Police Officer I, II, III, and IV and the Basic Firearms course in the same semester to attend the Academy and these courses are available only to those attending the Academy. The student must successfully complete the entire series to receive credit in any of the courses. Night Academy students must meet the same requirements as the Day Academy students, but have the Fall and Spring semester to complete the series.

### Special fees charged by the College:

- |                           |          |
|---------------------------|----------|
| 1. Ammunition             | \$195.00 |
| 2. Driving                | \$15.00  |
| 3. Criminal history check | \$15.00  |



**Purchases expected by the student:**

1. TCLEOSE - testing fee-currently \$25.00
2. Uniforms: (3) shirts, (3) pants, (5) t-shirts, (1) shoes, (1) Jacket optional, (1) belt
3. Books/Course Information at the book store
4. PE clothes, shoes
3. General supplies
4. Handgun approved by the Co-Coordinator/Commander

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
CJLE 1506	Basic Peace Officer I	3	6	5
CJLE 1512	Basic Peace Officer II	3	6	5
CJLE 1518	Basic Peace Officer III	3	6	5
CJLE 1524	Basic Peace Officer IV	3	6	5
CJLE 1211	Basic Firearms	1	2	2
		13	26	22

Total Credits Required for Basic Law Enforcement Academy Certificate.....22



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**Degree:** Associate Degree of Applied Science (A.A.S.) in either Echocardiography or Vascular Technology

**Length:** 24 months, New program begins each summer in May.

**Purpose:** The Diagnostic Cardiovascular Sonography Program offers a two-year curriculum to prepare individuals for an allied health career in either Echocardiography or Vascular Technology which are branches of Diagnostic Medical Sonography. Upon graduation, students will possess the skills necessary to perform ultrasound and related diagnostic exams of the heart and blood vessels. Echocardiographers and Vascular Technologists practice in a variety of settings including hospitals, diagnostic centers, doctors offices, contract services, self-employment, sales, education, and research. The Diagnostic Cardiovascular Sonography core curriculum consists of classroom, laboratory, and clinical instruction on subjects including basic healthcare skills, professional issues, medical terminology, ethics, cardiovascular anatomy and physiology, hemodynamics, pathophysiology, pharmacology, electrocardiography, ultrasound physics, echocardiographic techniques and vascular diagnostic techniques. The program has many clinical affiliations including St. Luke's Episcopal Hospital, Christus St. John's Hospital, Memorial Herman Southeast Hospital, Clear Lake Medical Center, Mainland Medical Center, Angleton Medical Center, NASA, and UTMB just to name a few. Graduates of the program earn their credentials by taking the national registry exam offered by the American Registry of Diagnostic Medical Sonographers (ARDMS).

This program is in the process of gaining accreditation through the Joint review Committee for Diagnostic Medical Sonography (JRC-DMS) which is under the umbrella of the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

**Admission Requirements: Application Deadline February 15**

1. To be considered for admission to the Diagnostic Cardiovascular Sonography Program, the applicant must:
  - a. Be a high school or GED graduate and provide copies of transcripts and diploma.
  - b. Apply to ACC and fulfill the college admission requirements, including THEA.
  - c. Complete the application to the Diagnostic Cardiovascular Sonography Program and interview with the Program Director.
  - d. Submit official transcripts of all previous college work to both the program and the admissions/Registrar's Office.
  - e. Score 19 or higher on the ACT composite or a minimum of 840 combined on the SAT if taken after 1995, or a minimum of 713 combined on the SAT if taken before 1995.
  - f. Demonstrate understanding of the responsibilities, personal qualities, duties and skills required by the profession through a professional observation.
  - g. Complete a physical examination including chest x-ray, TB skin test, and verification of immunization status upon acceptance to the program.
  - h. Not currently on suspension or academic probation from ACC or any other college.
  - i. Complete all pre-requisites with a grade of C or better including: ENGLISH 1301, BIOLOGY 2401, MATH 1314, PHYSICS 1401 (high school physics accepted).
  - j. Submit two (2) letters of references.
2. Science courses should have been taken within the past 5 years to satisfy the degree requirements.
3. Transfer and non-traditional students must:
  - a. Meet the above criteria
  - b. Have a cumulative GPA of 2.0 or higher on all courses being transferred to the DCVS program.
  - c. Provide program and Registrar's Office with official transcripts from each prior institution.
  - d. Provide the DCVS program with a course description or syllabus for each course being considered for transfer.
  - e. Not currently on suspension or academic probation from another college.
  - f. Credit may be awarded for support courses equivalent to those included in the DCVS program as determined by examination of the syllabus of the transfer course. A grade of C or better must be achieved for transfer courses.
  - g. Transfer students must complete a minimum of 24 credit hours at ACC to be awarded a Degree from this institution.

**Alternate Enrollment:**

Practicing Echocardiographers and Vascular Technologists who wish to earn their degree.

1. This option applies to those who are registered in Echocardiography or Vascular Technology with at least 2 years of experience and would like to earn their Associate Degree.
2. DCVS program courses may be challenged in sequence. Credit is awarded by examination. Admission requirements, pre-requisites and academic courses are still required.

Practicing Echocardiographers and Vascular Technologists who wish to take courses for refresher or registry exam review.

1. This option is available to all Echo and Vascular techs.
2. These students may register through continuing education to sit in on any course offered through the DCVS Program for refresher or registry review.

**Progression Policies:**

1. Students will abide by the admission and curriculum requirements of the Diagnostic Cardiovascular Sonography department at the time they are admitted or re-admitted to the program.
2. Once a student is enrolled in the program, all core courses must be completed in the proper sequence as shown in the catalog degree plan, or must have prior approval of the program director.



3. A grade of C or better is required in all core and academic courses for progression.
4. A student may be terminated from the program if clinical performance is unsatisfactory as determined by the clinical instructor and the program director. This action may be taken at any time during the semester.
5. A student who makes a D or F in any core or academic course may repeat that course once in order to obtain a satisfactory grade of C or better. If the failing course is one of the program core courses, the student may have to sit out for a year until that course is offered again depending on pre and co-requisites for that course.
6. Any student requiring hospitalization, pregnant, or injured will be required to obtain written documentation from his/her physician verifying the health status of the student before returning to clinical. A student may not be allowed to return to clinical if taking medication or if health status may interfere with the ability to perform satisfactorily.
7. Students have five years to complete the program after initial acceptance.

### A.A.S. Diagnostic Cardiovascular Sonography - Echocardiography

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>Program Pre-requisites</b>				
ENGL 1301	Composition and Rhetoric I	3	0	3
BIOL 2401	Anatomy and Physiology I	3	3	4
MATH 1314	College Algebra	3	0	3
PHYS 1401	General Physics (or CTEC1401 or SCIT 1420)	<u>3</u>	<u>2</u>	<u>4</u>
		12	5	14
<b>FIRST YEAR</b>				
<b>First Semester (Summer 12 weeks)</b>				
DSAE 1407	Basic Patient Care Skills	3	2	4
DMSO 1210	Introduction to Sonography	2	0	2
DSAE 2303	Cardiovascular Concepts	<u>3</u>	<u>1</u>	<u>3</u>
		8	3	9
<b>Second Semester (Fall)</b>				
ELECTIVE	Fine Arts/Humanities	3	0	3
BIOL 2402	Anatomy and Physiology II	3	3	4
DSAE 1340	Cardiac Diagnostic Concepts	2	4	3
CVTT 1161	Clinical - Cardiovascular Technology	<u>0</u>	<u>6</u>	<u>1</u>
		8	13	11
<b>Third Semester (Spring)</b>				
DSAE 1318	Sonographic Instrumentation	2	2	3
DSAE 1303	Intro to Echocardiography Techniques	2	4	3
DSAE 1360	Clinical - DMST, Intro Echocardiography	<u>0</u>	<u>16</u>	<u>3</u>
		4	22	9
<b>SECOND YEAR</b>				
<b>First Semester (Summer 12 weeks)</b>				
DSAE 2404	Echocardiography Evaluation of Pathology I	2	4	4
DSAE 2361	Clinical - DMST, Echocardiography I	0	12	3
PHED	Physical Activity	<u>0</u>	<u>3</u>	<u>1</u>
		2	19	8
<b>Second Semester (Fall)</b>				
DSAE 2437	Echocardiography Evaluation of Pathology II	2	4	4
DSAE 2461	Clinical - DMST, Echocardiography II	0	16	4
SOCI 1301	Principles of Sociology	<u>3</u>	<u>0</u>	<u>3</u>
		5	20	11
<b>Third Semester (Spring)</b>				
PHED	Physical Activity	0	3	1
DSAE 2462	Clinical - DMST Echocardiography III	0	16	4
DSAE 2335	Advanced Echocardiography	<u>2</u>	<u>4</u>	<u>3</u>
		2	23	8

Total Credits Required for A.A.S. Diagnostic Cardiovascular Sonography - Echocardiography ..... 70



# A.A.S. Diagnostic Cardiovascular Sonography - Non-Invasive Vascular Technology

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>Program Pre-requisites:</b>				
ENGL 1301	Composition and Rhetoric I	3	0	3
BIOL 2401	Anatomy and Physiology I	3	3	4
MATH 1314	College Algebra	3	0	3
PHYS 1401	General Physics (or CTEC 1401 or SCIT 1420)	3	2	4
		12	5	14

## FIRST YEAR

### First Semester (Summer 12 weeks)

DSAE 1407	Basic Patient Care Skills	3	2	4
DMSO 1210	Introduction to Sonography	2	0	2
DSAE 2303	Cardiovascular concepts	3	1	3
		8	3	9

### Second Semester (Fall)

ELECTIVE	Visual & Performing Arts/Humanities	3	0	3
BIOL 2402	Anatomy and Physiology II	3	3	4
DSAE 1340	Cardiac Diagnostic Concepts	2	4	3
CVTT 1161	Clinical - Cardiovascular Technology	0	6	1
		8	13	11

### Third Semester (Spring)

DSAE 1318	Sonographic Instrumentation	2	2	3
DSVT 1300	Principles of Vascular Technology	2	4	3
DSVT 1360	Clinical - DMST, Intro to Vascular	0	16	3
		4	22	9

## SECOND YEAR

### First Semester (Summer 12 weeks)

DSVT 2418	Vascular Evaluation of Pathology I	2	4	4
DSVT 2361	Clinical - DMST, Vascular I	0	12	3
PHED	Physical Activity	0	3	1
		2	19	8

### Second Semester (Fall)

DSVT 2430	Vascular Evaluation of Pathology II	2	4	4
DSVT 2461	Clinical - DMST, Vascular II	0	16	4
SOCI 1301	Principles of Sociology	3	0	3
		5	20	11

### Third Semester (Spring)

PHED	Physical Activity	0	3	1
DSVT 2462	Clinical - DMST, Vascular III	0	16	4
DSVT 1391	Special Topics - DMST, Vascular Tech	2	4	3
		2	23	8

Total Credits Required for A.A.S. Diagnostic Cardiovascular Sonography - Vascular.....70



# Diagnostic Cardiovascular Sonography Advanced Technical Certificate Degree Program

**Degree:** Advanced Technical Certificate Degree in either Echocardiography or Vascular Technology

**Length:** 18 months, New program begins each spring in January.

**Purpose:** The Diagnostic Cardiovascular Sonography Program offers a one and a half year curriculum to prepare those who already have a degree in an allied healthcare related field for a career in either Echocardiography or Vascular Technology which are branches of Diagnostic Medical Sonography. **This is not an entry-level certificate. It is above and beyond the healthcare degree the student already has.** Upon graduation students will possess the skills necessary to perform ultrasound and related diagnostic exams of the heart and blood vessels. Echocardiographers and Vascular Technologists practice in a variety of settings including hospitals, diagnostic centers, doctors offices, contract services, self-employment, sales, education, and research. The Advanced Technical Certificate Program is a condensed version of the A.A.S. option taking into account the students prior experience and training in allied healthcare. This program utilizes the same clinical sites such as St. Luke's Episcopal Hospital, Christus St. John's Hospital, Memorial Herman Southeast Hospital, Clear Lake Medical Center, Mainland Medical Center, Angleton Medical Center and UTMB just to name a few. Graduates of this program may also earn their credentials by taking the national registry exam offered by the American Registry of Diagnostic Medical Sonographers (ARDMS) or Cardiovascular Credentialing International (CCI).

This program is in the process of gaining accreditation through the Joint Review Committee for Diagnostic Medical Sonography (JRC-DMS) which is under the umbrella of the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

## Admission Requirements: Application Deadline October 15

1. To be considered for admission to the Diagnostic Cardiovascular Sonography Program in the Advanced Technical Certificate option, the applicant must:
  - a. Be a high school or GED graduate and provide copies of transcripts and diploma.
  - b. Apply to ACC and fulfill the college admission requirements, including THEA.
  - c. Complete the application to the Diagnostic Cardiovascular Sonography Program and interview with the Program Director.
  - d. Submit official transcripts of all previous college work to both the program and the admissions/Registrar's Office.
  - e. Have an Associates degree or higher in an allied healthcare related field from an accredited institution with demonstration of program pre-requisites of: ENGLISH 1301, BIOLOGY 2401, MATH 1314, PHYSICS 1401 or Allied Health Physics course.
  - f. Demonstrate understanding of the responsibilities, personal qualities, duties and skills required by the profession through a professional observation.
  - g. Complete a physical examination including chest x-ray, TB skin test, and verification of immunization status upon acceptance to the program.
  - h. Not currently on suspension or academic probation from ACC or any other college.
  - i. Submit two (2) letters of references.
2. Transfer and non-traditional students must:
  - a. Meet the above criteria
  - b. Have a cumulative GPA of 2.0 or higher on all courses being transferred to the DCVS program.
  - c. Provide program and Registrar's Office with official transcripts from each prior institution.
  - d. Provide the DCVS program with a course description or syllabus for each course being considered for transfer.
  - e. Not currently on suspension or academic probation from another college.
  - f. Credit may be awarded for support courses equivalent to those included in the DCVS program as determined by examination of the syllabus of the transfer course. A grade of C or better must be achieved for transfer courses.
  - g. Transfer students must complete a minimum of 12 credit hours at ACC to be awarded a Certificate from this institution.

## Alternate Enrollment:

Practicing Echocardiographers and Vascular Technologists who wish to earn an Advanced Certificate.

1. This option applies to those who are registered in Echocardiography or Vascular Technology with at least 2 years of experience and would like to earn the Advanced Certificate.
2. DCVS program courses may be challenged in sequence. Credit is awarded by examination. Admission requirements and pre-requisites are still required.

## Progression Policies:

See A.A.S. program



## Adv Technical Certificate Diagnostic Cardiovascular Sonography - Echocardiography

### Program Pre-requisites:

Associate Degree or higher in an Allied Health field from an Accredited Institution. Prior education must have included: Algebra, Physics, English, and Biology.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester (Spring)</b>				
DMSO 1210	Introduction to Sonography	2	0	2
DSAE 1318	Sonographic Instrumentation	2	2	3
DSAE 1303	Intro to Echocardiography Techniques	2	4	3
DSAE 1360	Clinical - DMST, Intro to Echocardiography	0	16	3
		6	22	11
<b>Second Semester (Summer 12 weeks)</b>				
DSAE 2303	Cardiovascular Concepts	3	1	3
DSAE 2404	Echo Evaluation of Pathology I	2	4	4
DSAE 2361	Clinical - DMST, Echocardiography I	0	12	3
		5	17	10
<b>SECOND YEAR</b>				
<b>First Semester (Fall)</b>				
DSAE 1340	Cardiac Diagnostic Concepts	2	4	3
DSAE 2437	Echo Evaluation of Pathology II	2	4	4
DSAE 2461	Clinical - DMST, Echocardiography II	0	16	4
		4	24	11
<b>Second Semester (Spring)</b>				
DSAE 2335	Advanced Echocardiography	2	4	3
DSAE 2462	Clinical - DMST Echocardiography III	0	16	4
		2	20	7

Total Credits Required for Adv Technical Certificate Diagnostic Cardiovascular Sonography - Echocardiography .....39

## Adv Technical Certificate Diagnostic Cardiovascular Sonography - Non-Invasive Vascular

### Program Pre-requisites:

Associate Degree or higher in an Allied Health Field from an Accredited Institution. Prior education must have included: Algebra, Physics, English, and Biology.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester (Spring)</b>				
DMSO 1210	Introduction to Sonography	2	0	2
DSAE 1318	Sonographic Instrumentation	2	2	3
DSVT 1300	Principles of Vascular Technology	2	4	3
DSVT 1360	Clinical - DMST, Intro to Vascular	0	16	3
		6	22	11
<b>Second Semester (Summer 12 weeks)</b>				
DSAE 2303	Cardiovascular Concepts	3	1	3
DSVT 2418	Vascular Evaluation of Pathology I	2	4	4
DSVT 2361	Clinical - DMST, Vascular I	0	12	3
		5	17	10
<b>SECOND YEAR</b>				
<b>First Semester (Fall)</b>				
DSAE 1340	Cardiac Diagnostic Concepts	2	4	3
DSVT 2430	Vascular Evaluation of Pathology II	2	4	4
DSVT 2461	Clinical - DMST, Vascular II	0	16	4
		4	24	11
<b>Second Semester (Spring)</b>				
DSVT 1391	Special Topics - DMST, Vascular Tech	2	4	3
DSVT 2462	Clinical - DMST, Vascular III	0	16	4
		2	20	7

Total Credits Required for Adv Technical Certificate Diagnostic Cardiovascular Sonography - Vascular.....39

Educational Programs



# Drafting Technology Degree Program

(281) 756-3784

**Degree:** Associate of Applied Science (A.A.S.) - Tech Prep

**Length:** Four-Semester (Two-Year) Program

**Purpose:** Drafting technicians work on a team with engineers, scientists, supervisors, and skilled craft persons, converting theories and ideas into products and processes. They participate in designing and developing the machines, processes, materials, and services for our increasingly complex world of work. They consider why things work as well as how things work. They may be required to have an extensive knowledge of welding, home building, machinery, instrumentation, process equipment, and fabrication.

**Program Requirements:** As an essential member of the technician-engineering team, students should be proficient in both technical knowledge and computer skills. The student who pursues the Drafting Technology curriculum will take a series of courses that cover the principles of engineering/architectural graphics and that provide extensive laboratory experience emphasizing the application of these principles. A diverse curriculum provides an opportunity for students to explore specialized areas with proper qualifications for employment as junior drafters.

## Associate of Applied Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester</b>				
DFTG 1313	Drafting for Specific Occupations	3	1	3
DFTG 1405	Technical Drafting	2	4	4
DFTG 1409	Basic Computer-Aided Drafting	2	4	4
ENGL 1301	Composition and Rhetoric I	3	0	3
TECM 1303	Technical Mathematics	<u>3</u>	<u>1</u>	<u>3</u>
		13	10	17
<b>Second Semester</b>				
DFTG 1433	Mechanical Drafting	2	4	4
DFTG 2419	Intermediate Computer-Aided Drafting	2	6	4
DFTG 2423	Pipe Drafting	2	4	4
MATH 1314	College Algebra	<u>3</u>	<u>0</u>	<u>3</u>
		9	14	15
<b>SECOND YEAR</b>				
<b>Third Semester</b>				
DFTG 1417	Architectural Drafting-Residential	2	4	4
DFTG 2410	Structural Drafting	2	4	4
*DFTG 2432	Advanced Computer-Aided Drafting	2	6	4
SOCI 1301 or	Principles of Sociology or	3	0	3
PSYC 2301	General Psychology			
PHED	Physical Activity	<u>0</u>	<u>3</u>	<u>1</u>
		9	17	16
<b>Fourth Semester</b>				
DFTG 2440 or	Solid Modeling/Design or	2	4	4
DFTG 1419	Fundamentals of Computer Aided Drafting			
DFTG Elective or	Drafting Elective	2/1	4/21	4
DFTG 2481	Cooperative Education for Drafting			
Elective	Visual & Performing Arts/Humanities	3	0	3
SPCH 1318 or	Interpersonal Communications or	3	0	3
SPCH 1315	Public Speaking			
PHED	Physical Activity	<u>0</u>	<u>3</u>	<u>1</u>
		9-10	11-28	15

\* Capstone Course

Total Credits Required for Drafting Technology Degree.....63



## Drafting Technology Certificate Program

Length: Two semester (One-Year) Program

Purpose: The one-year program prepares the student for entry into the drafting occupation.

Program Requirements: A minimum of 33 hours is required for this certificate.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
DFTG 1313	Drafting for Specific Occupations	3	1	3
DFTG 1405	Technical Drafting	2	4	4
DFTG 1409	Basic Computer-Aided Drafting	2	4	4
Elective	College Level	3	0	3
TECM 1303	Technical Mathematics	<u>3</u>	<u>1</u>	<u>3</u>
		13	10	17
<b>Second Semester</b>				
DFTG 1417	Architectural Drafting-Residential	2	4	4
DFTG 1433	Mechanical Drafting	2	4	4
*DFTG 2419	Intermediate Computer-Aided Drafting	2	6	4
DFTG Elective or	Drafting Elective or	<u>2/1</u>	<u>4/21</u>	<u>4</u>
DFTG 2481	Cooperative Education-Drafting			4
		7-8	18-35	16

\*Capstone Course

Total Credits Required for Drafting Technology Certificate.....33

## Electronic Technology Degree

Degree: Associate of Applied Science (A.A.S.)

(281) 756-3667

Length: Four-Semester (Two-Year) Program

Purpose: An electronics technician from ACC is a well paid, semiprofessional person who has developed computational skills, analytic abilities, and electronic measurement techniques to work with all kinds of electronic equipment. His or her employment opportunities are unrestricted by community size, environmental conditions, or geographical locale. Generally, the electronic technician will be employed in the development of new equipment or in troubleshooting and maintaining existing equipment. Opportunities also exist in the sales of electronic components and equipment. To qualify, an electronics technician student will spend one year in the study of circuit actions of electronic components separately and in combination, when subjected to both direct current and alternating current. In the second year he or she will study circuits as building blocks in the design and manufacture of digital electronic equipment such as computers, printers, video monitors and information storage devices. The potential technician will also learn to interface the devices using a combination of hardware and software techniques.

Program Requirements: In addition to the general requirements for admission to ACC, entry into the electronics technology program requires proficiency in algebra, English, and reading. Students who lack proficiency will be required to complete developmental courses in the above subjects prior to enrolling in electronics courses.

### Associate of Applied Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CETT 1403	DC Circuits	3	3	4
CETT 1425	Digital Fundamentals	3	3	4
COSC	Computer Science Elective	3	3	4
MATH 1314	College Algebra	3	0	3
ENGL 1301	Composition and Rhetoric I	<u>3</u>	<u>0</u>	<u>3</u>
		15	9	18
<b>Second Semester</b>				
CETT 1405	AC Circuits	3	3	4
CETT 1429	Solid State Devices	3	3	4
CPMT 2433	Computer Integration	3	3	4
MATH 1316	Plane Trigonometry	3	0	3
SOCI 1301	Principles of Sociology	<u>3</u>	<u>0</u>	<u>3</u>
		15	9	18



**Third Semester**

CETT 1457	Linear Integrated Circuits	3	3	4
ELEC Elective	CETT/CPMT/EECT	3	3	4
*CPMT 2437	Microcomputer Interfacing	3	3	4
ENGL 2311	Technical Communication	3	0	3
PHED	Physical Activity	0	3	1
		12	12	16

**Fourth Semester**

EECT 2439	Communication Circuits	3	3	4
SPCH 1315	Public Speaking	3	0	3
ITNW 1325	Fundamentals of Networking	2	2	3
Elective	Visual & Performing Arts/Humanities	3	0	3
PHED	Physical Activity	0	3	1
		11	8	14

\*Capstone Course

Total Credits Required for Electronics Technology Degree.....16

**Electronic Technology Certificate Program**

Length: Two-Semester (One-Year) Program

**Purpose:** The one-year certificate in electronic technology is designed to prepare the student for full-time employment in the field of electronics. The basic objective of the program is to develop electronic skills and knowledge to provide entry level positions in electronics.

**Program Requirements:** A certificate student will take the following curriculum to achieve the certificate in electronic technology.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CPMT 1403	Introduction to Computer Technology	3	3	4
CETT 1403	DC Circuits	3	3	4
CETT 1405	AC Circuits	3	3	4
MATH 1314	College Algebra	3	0	3
		12	9	15
<b>Second Semester</b>				
ITSE 1422	Computer Programming C	3	3	4
CETT 1429	Solid State Devices	3	3	4
*CETT 1457	Linear Integrated Circuits	3	3	4
CETT 1425	Digital Fundamentals	3	3	4
		12	12	16

\*Capstone Course

Total Credits Required for Electronic Technology Certificate.....31

**Electronic Communications Certificate**

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CETT 1403	DC Circuits	3	3	4
CETT 1405	AC Circuits	3	3	4
CETT 1425	Digital Fundamentals	3	3	4
EECT 2439	Communication Circuits	3	3	4
		12	12	16

Total Credits Required for Electronic Communications Certificate.....16



# Electronic Technology - Instrumentation Technology Certificate

**Length:** Forty-Six Semester Hours

**Purpose:** The Certificate in Instrumentation Technology provides an approved educational curriculum designed to prepare the student for entry into the field of instrumentation and automation technology. The students will study the eight major domains in the control industry identified by the International Society for Measurement and Control.

**Program Requirements:** In addition to general requirements for admission to ACC, entry into the instrumentation technology program requires proficiency in algebra, English and reading. Students who lack proficiency in these areas will be required to complete developmental courses in the above subjects prior to enrolling in electronics courses.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CPMT 1403	Introduction to Computer Technology	3	3	4
CETT 1403	DC Circuits	3	3	4
INTC 1452	Analog Electronic Instrumentation I	3	3	4
MATH 1314	College Algebra	3	0	3
		12	9	15
<b>Second Semester</b>				
COSC 1401	Microcomputer Applications	3	3	4
CETT 1405	AC Circuits	3	3	4
CETT 1429	Solid State Devices	3	3	4
INTC 1453	Analog Electronic Instrumentation II	3	3	4
		12	12	16
<b>Third Semester</b>				
INTC 2436	Instrumentation and Installation	3	3	4
EECT 2439	Communication Circuits	3	3	4
SPCH 1311	Fundamentals of Speech	3	0	3
*ELMT 2433	Industrial Electronics	3	3	4
		12	9	15

\*Capstone Course

Total Credits Required for Certificate in Instrumentation Technology.....46



# Emergency Medical Technology Program

(281) 756-3650

**Degree:** Associate of Applied Science (A.A.S.) - Tech Prep

**Length:** Four Semesters

**Purpose:** The Emergency Medical Technology (EMT) curriculum includes a combination of class lectures, skills training and clinical training in hospital and ambulance settings. Program meets Texas Department of Health (TDH) requirements for certification eligibility, and successful students may take the TDH Emergency Medical Services Examination for Certification. Students must meet departmental standards to take the TDH certification examinations. A fee is charged by the TDH for certification examinations. There may also be additional charges for field experiences. The basic EMT program is designed for persons in the emergency health care field, such as ambulance personnel, safety engineers, industrial nurses, rescue squad workers, child care personnel, policemen and firemen, as well as anyone who supervises or is responsible for the safety and well-being of a number of people. The Department of Emergency Medical Technology adheres to the curricula set forth by the U.S. Department of Transportation, the Texas Department of Health, the American Heart Association, and the National Basic Trauma Life Support Association.

Components of the curriculum include anatomical and physiological functions and dysfunctions, treatment modalities, rescue, management, Advanced Cardiac Life Support, Basic Trauma Life Support, and ethical-legal responsibilities.

### Student Objectives

1. Demonstrate the knowledge base and skills necessary for pre-hospital emergency medical care and management.
2. Utilize the knowledge and skills principles to provide emergency medical care in the pre-hospital setting.
3. Utilize communication skills to establish and maintain effective interpersonal relationships in the aspects of emergency medical care.
4. Assume responsibility for continuing education to maintain professional education and competency.
5. Assume legal, ethical, and professional accountability.
6. Participate as a member of the emergency medical services community in providing pre-hospital care, development, and education.
7. Successfully pass the Texas Department of Health registry examination for certification in the field of emergency medical services.

### Program Requirements

Qualified applicants will be admitted according to space available each semester. To be considered for admission to the EMT Program, applicants must:

1. be admitted to ACC for the EMT program (through Office of Admissions & Academic Advising);
2. complete an application in the EMT office and provide copies of any current certifications;
3. be potentially eligible to write the Texas Department of Health certification exam upon successful completion of the program. Note: Applicants convicted of a felony and/or misdemeanor offense may or may not be eligible to write the state exam.
4. be 18 years-of-age or older;
5. pay the Texas Department of Health registry application fees and all other associated fees.
6. purchase appropriate clinical attire and equipment.
7. purchase student liability insurance annually (subject to rate applicable at time of registration);
8. complete a physical examination which includes TB skin test and immunizations upon enrollment in the program.
9. have current basic CPR certification for health professionals dated within one year prior to the course starting date; and
10. adhere to clinical sites and times as arranged by the College and its affiliates. (Sites and times are subject to change without notice.)

### Student Accountability

1. Students are responsible for their transportation to and from the clinical facilities.
2. Students will abide by the EMT curriculum requirements in effect at the time they are accepted into the program.
3. No grade below a "C" in an EMT or academic course will be acceptable for progression.
4. Students must complete the program within five years after initial acceptance.

### Associate of Applied Science Degree

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester</b>				
EMSP 1501	Emergency Medical Technician - Basic	4	4	5
EMSP 1160	Emergency Medical Technician-Basic Clinical	0	6	1
MATH 1332	Contemporary Mathematics I	3	0	3
ENGL 1301	Composition and Rhetoric I	3	0	3
PHED	Physical Activity	0	3	1
		10	13	13
<b>Second Semester</b>				
BIOL 2401	Anatomy and Physiology I	3	3	4
EMSP 1338	Introduction to Advanced Practice	3	1	3
EMSP 1356	Patient Assessment and Airway Management	2	3	3
EMSP 1355	Trauma Management	3	1	3
EMSP 1261	Paramedic Clinical I	0	8	2
EMSP 1166	EMS Practicum I	0	7	1
		11	23	16
<b>Third Semester</b>				
BIOL 2402	Anatomy and Physiology II	3	3	4
EMSP 2444	Cardiology	3	3	4
EMSP 2248	Emergency Pharmacology	2	1	2
EMSP 2338	EMS Operations	2	2	3
EMSP 2160	Paramedic Clinical II	0	6	1
		10	15	14



**SECOND YEAR**

**First Semester**

EMSP 2434	Medical Emergencies	3	3	4
EMSP 2261	Paramedic Clinical III	0	9	2
COSC 1401	Microcomputer Applications	3	3	4
EMSP 2352	EMS Research	2	4	3
Elective	Visual & Performing Arts/Humanities	3	0	3
		<u>11</u>	<u>19</u>	<u>16</u>

**Second Semester**

EMSP 2330	Special Populations	2	2	3
EMSP 2243	Assessment Based Management	1	3	2
EMSP 2166	EMS Practicum II	0	7	1
SOCI 1301	Principles of Sociology	3	0	3
EMSP	EMS Elective	3	0	3
PHED	Physical Activity	0	3	1
		<u>9</u>	<u>15</u>	<u>13</u>

Total Credits Required for AAS Emergency Medical Technology.....72

**EMT ENHANCED SKILLS CERTIFICATE**

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
EMSP 2358	Critical Care Paramedic	2	4	3
EMSP 2345	EMS Supervision/ Management	2	4	3
		<u>4</u>	<u>8</u>	<u>6</u>

Total Credits Required for Enhanced Skills Certificate.....78

**Emergency Medical Technology Certificate Program**

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester</b>				
EMSP 1501	Emergency Medical Technician-Basic	4	4	5
EMSP 1160	Emergency Medical Technician-Basic Clinical	0	6	1
		4	10	6
<b>Second Semester</b>				
EMSP 1338	Introduction to Advanced Practice	4	1	3
EMSP 1356	Patient Assessment and Airway Management	2	3	3
EMSP 1355	Trauma Management	3	1	3
EMSP 1261	Paramedic Clinical I	0	8	2
EMSP 1166	EMS Practicum I	0	7	1
		9	20	12
<b>Third Semester</b>				
EMSP 2444	Cardiology	3	3	4
EMSP 2248	Emergency Pharmacology	3	3	2
EMSP 2338	EMS Operations	2	2	3
EMSP 2160	Paramedic Clinical II	0	6	1
		8	14	10
<b>SECOND YEAR</b>				
<b>First Semester</b>				
EMSP 2434	Medical Emergencies	3	3	4
EMSP 2261	Paramedic Clinical III	0	9	2
		3	12	6
<b>Second Semester</b>				
EMSP 2330	Special Populations	2	2	3
EMSP 2243	Assessment Based Management	1	3	2
EMSP 2166	EMS Practicum II	0	7	1
		3	12	6

Total Credits Required for Certificate in Emergency Medical Technology.....40

Educational Programs



# Legal Assistant Degree Program

(281) 756-3642

**Degree:** Associate of Applied Science

**Length:** Four-Semester (Two-Year) Curriculum

**Purpose:** The Associate of Applied Science Degree for Legal Assistant is designed to prepare the successful student for a career as a legal assistant. In this program, the student gains knowledge of legal and court procedures in rendering a variety of legal services, including research, case management, drafting of documents, client interviews, and law firm operations. The need for persons to assist the legal profession has expanded greatly with population increases and the growing demand for legal services. The qualified legal assistant may find employment with law firms or industry, including banks, title companies, insurance firms, and governmental agencies.

**Program Requirements:** Attorneys generally set high standards of character and education for legal assistants. Legal assistants must be responsible and mature individuals thoroughly conversant in legal terminology and procedures. The curriculum consists of several legal assistant courses, plus an internship. An internship provides the opportunity for students to make a practical application of their classroom education. **Legal courses do not need to be taken in the order shown in this catalog. Please use semester schedules as a guideline and/or contact department chair for assistance.**

## Associate of Applied Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester</b>				
ENGL 1301	Composition & Rhetoric I	3	0	3
LGLA 1301	Legal Research & Writing	3	0	3
LGLA 1311	Introduction to Law	3	0	3
PHED	Physical Activity	0	3	1
POFT 1329	Keyboarding & Document Formatting	3	1	3
SOCI 1301	Principles of Sociology	3	0	3
		<u>15</u>	<u>4</u>	<u>16</u>
<b>Second Semester</b>				
LGLA 1353	Wills, Trust and Probate Administration	3	0	3
LGLA 1355	Family Law	3	0	3
LGLA 1380	Cooperative Ed in Legal Assistant	1	20	3
MATH 1314 or	College Algebra or	3	0	3
MATH 1332	Contemporary Mathematics I			
PHED	Physical Activity	0	3	1
POFI 1401	Computer Applications 1	3	3	4
		<u>13</u>	<u>26</u>	<u>17</u>
<b>SECOND YEAR</b>				
<b>First Semester</b>				
GOVT 2301	American National & State Government I	3	0	3
LGLA 1346	Civil Litigation I	3	0	3
LGLA 2303	Torts and Personal Injury Law	3	0	3
LGLA 2305	Interviewing and Investigating	3	0	3
LGLA 2313	Criminal Law & Procedure	3	0	3
Elective	Visual & Performing Arts/Humanities	3	0	3
		<u>18</u>	<u>0</u>	<u>18</u>
<b>Second Semester</b>				
LGLA 1347	Civil Litigation II	3	0	3
LGLA 1349	Constitutional Law	3	0	3
LGLA 2239	Certified Legal Assistant Review	2	0	2
LGLA 2309	Real Property Law	3	0	3
*LGLA 2381	Cooperative Ed in Legal Assistant	1	20	3
SPCH 1318	Interpersonal Communication	3	0	3
		<u>15</u>	<u>20</u>	<u>17</u>

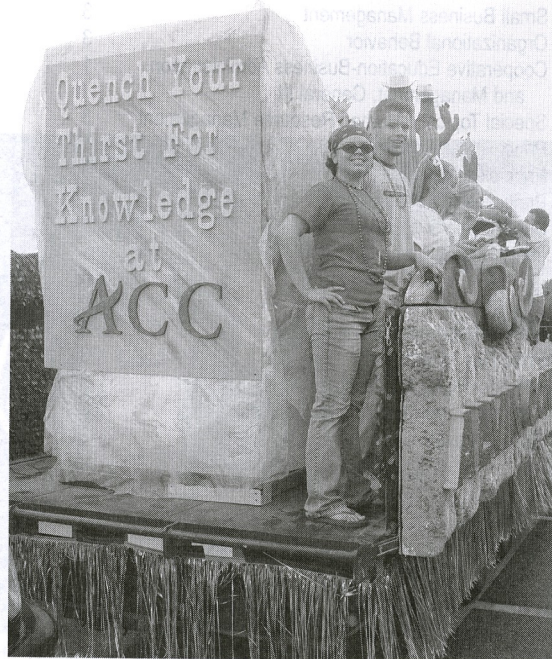
\*Capstone Course

Total Credits Required for A.A.S. Legal Assistant.....68



## Legal Assistant Certificate Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester</b>				
LGLA 1301	Legal Research & Writing	3	0	3
LGLA 1311	Introduction to Law	3	0	3
LGLA 1346	Civil Litigation I	3	0	3
LGLA 1353	Wills, Trust, and Probate Administration	3	0	3
LGLA 1355	Family Law	3	0	3
		15	0	15
<b>Second Semester</b>				
LGLA 1347	Civil Litigation II	3	0	3
LGLA 2303	Torts and Personal Injury Law	3	0	3
LGLA 2305	Interviewing and Investigating	3	0	3
LGLA 2313	Criminal Law & Procedure	3	0	3
POFT 1329	Keyboarding & Document Formatting	3	1	3
		15	1	15
<b>Third Semester</b>				
LGLA 1349	Constitutional Law	3	0	3
*LGLA 1380	Cooperative Ed in Legal Assistant	1	20	3
POFI 1401	Computer Applications 1	3	3	4
		7	23	10
*Capstone Course				
Total Credits Required for Legal Assistant Certificate.....				40



ACC Student Government representatives celebrate on award winning 2004 Frontier Day float built by the ACC Drama Department.



# Management Development Degree Program

(281) 756-3812

**Degree:** Associate of Applied Science (A.A.S.)

**Length:** Four-Semester (Two-Year) Program

**Purpose:** The management development program prepares individuals for career occupations in the field of general management development. The objective of the program is to develop management skills and allow the student a chance to utilize these skills at an approved work station.

**Program Requirements:** The management development curriculum contains a core of required courses including seven management/human resources courses, three semesters of cooperative education, general education courses, and a recommended list of electives.

## Associate of Applied Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
BMGT 1303	Principles of Management	3	0	3
BMGT 1382	Cooperative Education - Business Administration & Management, General I	1	20	3
BMGT 2303	Problem Solving & Decision Making	3	0	3
ENGL 1301	Composition & Rhetoric I	3	0	3
PHED	Physical Activity	0	3	1
Elective	College Level	<u>3</u>	<u>0</u>	<u>3</u>
		13	23	16
<b>Second Semester</b>				
HRPO 1311	Human Relations	3	0	3
BMGT 2382	Cooperative Education-Business Administration and Management, General II	1	20	3
MATH 1314 or MATH 1332	College Algebra Contemporary Mathematics I	3	0	3
MRKG 2333	Principles of Selling	3	0	3
PHED	Physical Activity	0	3	1
Elective	College Level	<u>3</u>	<u>0</u>	<u>3</u>
		13	23	16
<b>Third Semester</b>				
BUSG 2309	Small Business Management	3	0	3
HRPO 2307	Organizational Behavior	3	0	3
*BMGT 2383	Cooperative Education-Business Administration and Management, General III	1	20	3
HRPO 1391 or MRKG 1302	Special Topics in Human Resource Management Principles of Retailing	3	0	3
SOCI 1301 or ECON 2301	Principles of Sociology Principles of Economics I	3	0	3
SPCH 1315 or SPCH 1318	Public Speaking Interpersonal Communication	<u>3</u>	<u>0</u>	<u>3</u>
		16	20	18
<b>Fourth Semester</b>				
HRPO 2301	Human Resources Management	3	0	3
MRKG 1311	Principles of Marketing	3	0	3
COSC 1401	Microcomputer Applications	3	3	4
Elective	Visual & Performing Arts/Humanities	3	0	3
Elective	College Level	<u>3</u>	<u>0</u>	<u>3</u>
		15	3	16

\*Capstone Course

Total Credits Required for A.A.S. Management Development Degree.....66



# Management Development Certificate Program

(281) 756-3812

**Length:** Two-Semester (One-Year) Program

**Purpose:** The one-year Certificate in Management Development prepares the student for full-time employment in the field of management. The basic objective of the program is to develop management skills and allow the student a chance to utilize these skills at an approved work station.

**Program Requirement:** A certificate student takes 12 hours of management courses and 3 hours of cooperative education in the first semester. In the second semester, the certificate student takes another cooperative education, and twelve hours of management/human resources and marketing courses.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
BMGT 1303	Principles of Management	3	0	3
BMGT 1382	Cooperative Education I-Business Administration & Management	1	20	3
HRPO 1311	Human Relations	3	0	3
BMGT 2303	Problem Solving & Decision Making	3	0	3
BUSG 2309 or	Small Business Management	3	0	3
MRKG 2333	Principles of Selling	3	0	3
		<u>13</u>	<u>20</u>	<u>15</u>
<b>Second Semester</b>				
HRPO 2307	Organizational Behavior	3	0	3
*BMGT 2382	Cooperative Education II-Business Administration & Management	1	20	3
HRPO 1391 or	Special Topics in Human Resource Management	3	0	3
MRKG 1302	Principles of Retailing			
MRKG 1311	Principles of Marketing	3	0	3
HRPO 2301	Human Resource Management	3	0	3
		<u>13</u>	<u>20</u>	<u>15</u>

\*Capstone Course

Total Credits Required for Management Development Certificate.....33



Students gather for a photo with college president Dr. A. Rodney Allbright on President's Day.



# Marine Robotics Technology Degree Program

(281) 756-3667

**Length:** Four -Semesters (Two-Year) Program

**Purpose:** The Marine Robotics Technology program will prepare students to work on electronic and electro-mechanical equipment in the marine environment, offshore or onshore. Typical occupations include Remote Operated Vehicle Technicians and Pilots, Hydrographic Survey Technicians, Aquaculture Technicians, Sonograph Operators, oil spill response technicians, or marine technicians who work aboard ocean going vessels doing research, cable laying, or underwater mapping. Graduates will have a strong background in electronics, including data acquisition and fiber optics. Graduates would have the ability to operate, troubleshoot, and repair equipment, with exposure to the special requirements of working in a harsh or remote environment. Students would be exposed to the sub-disciplines of high voltage power transmission, electro-mechanical control systems, and hydraulic and pneumatic applications.

This program is designed to meet the specific needs of the Marine Technology industry while at the same time being general enough to provide an academic and technical background appropriate for a wider range of occupations. The exposure to control systems and electro-mechanical and hydraulic systems can lead to occupations in materials handling, robotic systems, and automated control. The exposure to data acquisition, electronics and fiber optics can lead to occupations in the communications industry, the medical technology industry, and the electronics instrumentation industry.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CETT 1403	DC Theory	3	3	4
CETT 1425	Digital Fundamentals	3	3	4
MATH 1314	College Algebra	3	0	3
ENGL 1301	Comp and Rhetoric I	3	0	3
Elective **	CETT/CPMT/DFTG	3	3	4
		15	9	18
<b>Second Semester</b>				
CETT 1429	Solid State Devices	3	3	4
MRTC 1471	Introduction to Marine Technology	3	3	4
CETT 1405	AC Theory	3	3	4
SOCI 1301	Principles of Sociology	3	0	3
PHED	Physical Education	0	3	1
		12	12	16
<b>Third Semester</b>				
HYDR 1445	Hydraulics and Pneumatics	3	3	4
MRTC 2472	Intro to Submersible Technology	3	3	4
Vis/Perf Arts/Humanities	College level elective	3	0	3
SPCH 1315	Public Speaking	3	0	3
POFT 1301	Business Communications I	3	0	3
		15	6	17
<b>Fourth Semester</b>				
ELMT 2441	Electromechanical Systems	3	3	4
EECT 2439	Communications Systems	3	3	4
MRTC 2473 *	Marine Operations and Safety	3	3	4
Electronics Elective **	CETT/CPMT/CSCI/ELMT	3	3	4
PHED	Physical Education	0	3	1
		12	15	17

\*Capstone course

\*\* - These classes are designed to allow a student to specialize. Specializations include electronics, drafting, computer repair, electro-mechanical systems, and hydraulics.

Students are strongly encouraged to undergo an internship in order to compliment their educational experience.

An internship would have 336 external hours.

Total Credits Required for Marine Robotics Technology Degree Program .....68



# Marine Robotics Technology Certificate Program

(281) 756-3667

Length: Three Semester Program

Purpose: The Marine Robotics Technology program will prepare students to work on electronic and electro-mechanical equipment in the marine environment, offshore or onshore.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
CETT-1403	DC Theory	3	3	4
CETT-1425	Digital Fundamentals	3	3	4
MRTC-1471	Introduction to Marine Technology	3	3	4
		9	9	12
<b>Second Semester</b>				
CETT-1429	Solid State Devices	3	3	4
HYDR-1445	Hydraulics and Pneumatics	3	3	4
MRTC-2472	Intro to Submersible Technology	3	3	4
CETT-1405	AC Theory	3	3	4
		12	12	16
<b>Third Semester</b>				
ELMT-2441	Electromechanical Systems	3	3	4
EECT-2439	Communications Systems	3	3	4
MRTC-2473	Marine Operations and Safety	3	3	4
		9	9	12

Total Credits Required for Marine Robotics Technology Certificate .....40



"You'll shoot your eye out".....  
ACC's Drama Department presents "A Christmas Story"



# Mental Health Degree Program

(281) 756-3652

**Degree:** Associate of Applied Science (A.A.S.)

**Length:** Four-Semester (Two-Year) Program

**Purpose:** The Associate of Applied Science Degree curriculum in Mental Health provides theory, skills and knowledge used in the field of mental health-mental retardation and alcohol and drug abuse. The program prepares the graduate to obtain employment in a variety of human service and mental health settings under the supervision of a professional or as a part of a service team, including agencies that provide counseling services, rehabilitation training, direct care to clients, probation, corrections, treatment for alcohol and drug dependency, and psychiatric care. Students who complete courses and field work required by the Texas Commission on Alcohol and Drug Abuse will be eligible to take the licensure exam for Licensed Chemical Dependency Counselors.

## Associate of Applied Science Degree Program

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>FIRST YEAR</b>				
<b>First Semester</b>				
ENGL 1301	Composition and Rhetoric I	3	0	3
PSYC 2301	General Psychology	3	0	3
PMHS 1301	Intro to Mental Health and Retardation	3	0	3
DAAC 1317	Basic Counseling Skills	3	0	3
DAAC 1304	Pharmacology of Addiction	3	0	3
PHED	Physical Activity	0	3	1
		15	3	16
<b>Second Semester</b>				
ENGL 1302	Composition and Rhetoric II	3	0	3
SOCI 1301	Principles of Sociology	3	0	3
DAAC 1309	Assessment Skills of Alcohol and Other Drug Addictions	3	0	3
DAAC 1311	Counseling Theories	3	0	3
DAAC 1380 or	Coop Ed I - Alcohol/Drug Abuse Counseling	1	20	3
PMHS 1380	Coop Ed I - Psychiatric/Mental Health Services			
PHED	Physical Activity	0	3	1
		13	23	16
<b>SECOND YEAR</b>				
<b>First Semester</b>				
BIOL 2401 or	Anatomy and Physiology or	3	3	4
BIOL 1406	General Biology			
PSYC 2314	Life-Span Growth and Development	3	0	3
DAAC 1314	Dynamics of Group Counseling	3	0	3
DAAC 1341	Counseling Alcohol & Other Drug Addictions	3	0	3
DAAC 1381 or	Coop Ed II-Alcohol/Drug Abuse Counseling	1	20	3
PMHS 1381	Coop Ed II-Psychiatric/Mental Health Services			
		13	23	16
<b>Second Semester</b>				
DAAC 1307	Addicted Family Intervention	3	0	3
DAAC 1343	Current Issues	3	0	3
SOCI 1306	Social Problems	3	0	3
*DAAC 2380 or	Coop Ed III-Alcohol/Drug Abuse Counseling	1	20	3
*PMHS 2380	Coop Ed III-Psychiatric/Mental Health Services			
Elective	Mental Health Elective	3	0	3
Elective	Visual & Performing Arts/Humanities	3	0	3
		16	20	18

\*Capstone Course

Total Credits Required for A.A.S. Mental Health Technology . . . . .66



## Mental Health Certificate Program

**Length:** Two-Semester (One-Year) Program

**Purpose:** The one-year program prepares the student to meet the educational requirements for eligibility to test for Licensed Chemical Dependency Counselors.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester</b>				
PMHS 1301	Introduction to Mental Health and Retardation	3	0	3
DAAC 1304	Pharmacology of Addiction	3	0	3
DAAC 1309	Assessment and Procedures	3	0	3
DAAC 1341	Counseling Alcohol and Other Drug Addictions	3	0	3
DAAC 1380 or	Coop Ed I - Alcohol/Drug Abuse Counseling	1	20	3
PMHS 1380	Coop Ed I - Psychiatric/Mental Health Services Technician	13	20	15
<b>Second Semester</b>				
CMSW 1341	Behavior Modification and Cognitive Disorder	3	0	3
DAAC 1343	Current Issues	3	0	3
DAAC 1391 or	Special Topics in Alcohol/Drug Abuse Counseling (Children of Alcoholics)	3	0	3
PMHS 1391	Special Topics in Psychiatric/Mental Health Service Technician	3	0	3
DAAC 1307	Addicted Family Intervention	3	0	3
DAAC 1381 or	Coop Ed II - Alcohol/Drug Abuse Counseling	1	20	3
PMHS 1381	Coop Ed II - Psychiatric/Mental Health Services Technician	13	20	15

Total Credits Required for Mental Health Certificate ..... 30

## Nursing Degree Program

**(281) 756-3634**

**Degree:** Associate of Applied Science (A.A.S.)

**Length:** Two Year Program

**Purpose:** The aim of the Associate Degree Nursing Program (ADN) is to prepare the graduate to manage and give direct patient care, as a member of the health team, in hospitals and other structured health-care facilities. The program includes a background in general education and competencies related to patient care.

At the successful completion of a minimum of two (2) academic years and all program requirements, the graduate is qualified to make application to write the National Council Licensure Exam for Registered Nurses (NCLEX-RN). The program is accredited by the Board of Nurse Examiners for the State of Texas and by the National League for Nursing Accrediting Commission (NLNAC). The NLNAC is recognized as the accrediting body for nursing programs and serves as a resource for information. The NLNAC can be contacted at 61 Broadway, New York, NY 10006, 212/363-5555 or [www.nlnac.org](http://www.nlnac.org).

A person who has been arrested for or convicted of anything other than a minor traffic violation, diagnosed with mental illness, or has a history of substance abuse, should contact the Board of Nurse Examiners for the State of Texas to determine their eligibility to take the NCLEX-RN (National Council Licensure Examination for Registered Nurses). For specific information, contact the Board at [www.bne.state.tx.us](http://www.bne.state.tx.us).

### Admission Requirements (applicable in 2005):

A new class begins each fall semester. The application period is from January through March and the application is available from the ADN department or [www.alvincollege.edu](http://www.alvincollege.edu). Qualified applicants are admitted according to space available. To be considered for admission to the Associate Degree Nursing (A.D.N.) Program, the applicant must:

1. Be fully admitted to ACC.
2. Submit the A.D.N. application to the A.D.N. department.
3. At the time of application, submit proof to the A.D.N. department of having met the following minimum admission standards:
  - a. Composite score of at least 19 on the ACT or combined math and verbal of 870 (750 if taken before 4-1-95) on the SAT. The applicant is exempt from the ACT/SAT requirement if, at the time of application, BIOL 2401 & ENGL 1301 are complete with a minimum GPA of 2.5 and the BIOL 2401 was taken at Alvin Community College within five years of the time of application.
  - b. TSI (Texas Success Initiative) requirement satisfied as determined by ACC's testing and placement policies. Transfer students must meet the transfer institution's TSI requirements if not enrolled at ACC.
4. Attend a scheduled A.D.N. Applicant session discussing specific program policies and requirements.