

## Degrees and Certificates Awarded

Austin Community College offers the following degrees and certificates:

- The Associate of Arts (A.A.) degree is awarded to students who complete at least 60 semester credit hours, 42 of which must be taken from the Core Curriculum. Fifteen hours of General Education courses are embedded in the Core Curriculum meaning that completion of the Core Curriculum also meets the SACS requirement for completion of the 15 hours of General Education courses. Requirements for receiving the A.A. degree include:
  - Completion of the 42-hour core curriculum.
  - See graduation requirements
  - \*8 hours of Foreign Language
  - The prescribed courses listed in one of the areas of concentration.

\* These hours should be in the same language and may be satisfied through completing the core curriculum. Students should follow the approved degree plan in this catalog for their major.
- The Associate of Science (A.S.) degree is awarded to students who complete at least 60 semester credit hours, 42 of which must be taken from the Core Curriculum. Fifteen hours of General Education courses are embedded in the Core Curriculum meaning that completion of the Core Curriculum also meets the SACS requirement for completion of the 15 hours of General Education courses. Requirements for receiving the A.S. degree include:
  - Completion of the 42-hour core curriculum, including \*6 – 8 hours of natural science.
  - See graduation requirements
  - The prescribed courses listed in one of the areas of concentration.

\* Students intending to transfer to a four-year institution should check to ensure transferability to the transfer institution. Currently all A.S. degree plans except Computer Science and Business Administration require 8 hours of Science.
- The Associate of Applied Science (A.A.S.) degree is awarded to students who successfully complete the prescribed courses in any of the occupational-technical programs and the requisite 15 semester hours taken from the approved General Education Course List. Requirements for receiving the A.A.S. degree include:
  - Completion of 15-hours of General Education coursework
  - See graduation requirements
  - The prescribed courses in an area of concentration
- A Certificate is awarded to students who complete one of the approved certificate programs.
- The Marketable Skills Award (MSA) goes to students who complete a specified series of courses. The following disciplines are eligible for MSAs: Accounting, Child Development, and Welding. (See Degree Plans.) MSAs are also available through Continuing Education.
- Institutional Certificates are issued in certain workforce areas for successful completion of a course or courses that make a student eligible for immediate employment or adds to the student's marketability to employers.

## General Education Requirements

The Southern Association of Colleges and Schools (SACS) requires colleges and universities to incorporate into each degree plan 15 hours in General Education courses. At ACC, these 15 hours of coursework consist of the following:

- 3 hrs. Written communication (English) from the approved list of general education courses.
- 3 hrs. Oral communication from the approved list of general courses OR pass an oral communication proficiency exam (this option IS NOT available if the degree plan specifies one of the approved oral communication courses.)
- 3 hrs. Computational skills (Math) from the approved list of general education courses
- 3 hrs. Social/Behavioral Science requirement
- 3 hrs. Humanities/Fine Arts from the approved list of general education courses

Following SACS guidelines, Austin Community College selected General Education courses to help associate degree students acquire the knowledge and skills to prepare for a career, further their educational study, and contribute to society. These courses help associate degree students to:

- Possess sufficient literacy skills of writing, reading, speaking, and listening to communicate effectively above the 12th grade level.
- Understand numerical data and their implications for daily living.
- Possess consciousness of our society.
- Think and analyze at a critical level.
- Appreciate multi-cultural, multi-ethnic contributions to our country.
- Understand our technological society.
- Possess basic skills in the use of computers.

## Computer Literacy

Graduates of Associate Degree Programs must be able to demonstrate competency in the basic use of computers by using computer technology in solving problems, communicating, and acquiring information. Basic computer skills may be obtained by completing a proficiency test or specific computer courses, completing courses which require use of the computer, completing the Info Game, or completing an associate degree which has computer courses as part of the degree plan.

## General Education Course List

For degree completion in associate programs, the component of general education courses must constitute a minimum of 15 semester hours drawn from and include at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. The courses must be designed to ensure breadth of knowledge and must not be narrowly focused on those skills, techniques and procedures peculiar to a particular occupation or profession. These 15 hours must be taken from the following list of general education courses.

## 1. Written Communication (English)

ENGL 1301	English Composition I
ENGL 1302	English Composition II

## 2. Oral Communications

SPCH 1311	Introduction to Speech Communication
SPCH 1315	Fundamentals of Public Speaking
SPCH 1318	Interpersonal Communication
SPCH 1321	Business and Professional Speaking

## 3. Computational Skills (Math)

MATH 1314	College Algebra
MATH 1316	Trigonometry
MATH 1324	Math for Business and Economics
MATH 1332	College Mathematics
MATH 1333	Mathematics for Measurement
MATH 1342	Elementary Statistics
MATH 1425	Business Calculus & Applications I
MATH 2318	Linear Algebra & Matrix Theory
MATH 2412	Precalculus: Functions & Graphs
MATH 2413	Calculus I
MATH 2414	Calculus II

## 4. Natural Sciences

BIOL 1408	Unity of Life
BIOL 1309	Life on Earth
BIOL 1406	Cellular and Molecular Biology
BIOL 1407	Structure and Function of Organisms
BIOL 1413	General Zoology
BIOL 1424	Native Plants
BIOL 2101	Human Anatomy Lab
BIOL 2102	Human Physiology Lab
BIOL 2106	Environmental Biology Lab
BIOL 2206	Environmental Biology Lecture
BIOL 2304	Human Anatomy
BIOL 2305	Human Physiology
BIOL 2306	The Living Planet
BIOL 2401	Anatomy & Physiology I
BIOL 2402	Anatomy & Physiology II
BIOL 2421	Microbiology
CHEM 1405	Introduction to Chemistry
CHEM 2423	Organic Chemistry I
CHEM 2425	Organic Chemistry II
CHEM 1411	General Chemistry I
CHEM 1412	General Chemistry II
GEOL 1305	Environmental Geology
GEOL 1445	Introduction to Oceanography
GEOL 1403	Physical Geology
GEOL 1404	Historical Geology
PHYS 1311	Stellar Astronomy
PHYS 1312	Solar System Astronomy
PHYS 1401	General Physics I
PHYS 1402	General Physics II
PHYS 1405	Conceptual Physics I
PHYS 1407	Conceptual Physics II
PHYS 2425	Engineering Physics I
PHYS 2426	Engineering Physics II

## 5. Humanities/Fine Arts

ENGL 2322	British Lit I
ENGL 2323	British Lit II
ENGL 2327	American Lit I
ENGL 2328	American Lit II
ENGL 2332	World Lit I
ENGL 2333	World Lit II
ENGL 2342	Introduction to Literature I
ENGL 2343	Introduction to Literature II
FREN 1511	French I
FREN 1512	French II
FREN 2311	French III
FREN 2312	French IV
GERM 1511	German I
GERM 1512	German II
GERM 2311	German III
GERM 2312	German IV
HUMA 1315	The Arts in Contemporary Society
HUMA 1301	Introduction to Humanities
JAPN 1511	Japan I
JAPN 1512	Japan II
JAPN 2311	Japan III
JAPN 2312	Japan IV
LATI 1511	Latin I
LATI 1512	Latin II
LATI 2311	Latin III
LATI 2312	Latin IV
PHIL 1301	Introduction to Philosophy
PHIL 2303	Logic
PHIL 2306	Ethics
RUSS 1511	Russian I
RUSS 1512	Russian II
RUSS 2311	Russian III
RUSS 2312	Russian IV
SPAN 1511	Spanish I
SPAN 1512	Spanish II
SPAN 2311	Spanish III
SPAN 2312	Spanish IV
ARTS 1301	Introduction to the Visual Arts
ARTS 1303	Art History I
ARTS 1304	Art History II
COMM 1335	Introduction to Radio and Television
DANC 2303	History and Appreciation of Dance
DRAM 1310	Introduction to the Theatre
DRAM 2366	Film Appreciation
MUSI 1301	Music Fundamentals
MUSI 1306	Music Appreciation

## 6. Social and Behavioral Sciences

GOVT 2305	American Government
GOVT 2306	Texas State and Local Government
HIST 1301	U. S. History I
HIST 1302	U. S. History II
HIST 2301	Texas History
HIST 2381	U. S. History I: African-American Emphasis
HIST 2380	U. S. History I: Mexican-American Emphasis
ANTH 2301	Physical Anthropology

ANTH 2351	Cultural Anthropology
ANTH 2302	Introduction to Archaeology
ECON 2302	Principles of Microeconomics
ECON 2301	Principles of Macroeconomics
GEOG 1301	Physical Geography
GEOG 1302	Cultural Geography
PSYC 2301	Introduction to Psychology
SOCI 1301	Introduction to Sociology

## Core Curriculum

[www.austincc.edu/acadprog/core1.htm](http://www.austincc.edu/acadprog/core1.htm)

Core curriculum is defined in House Bill 2183 of the Texas Legislature as “the curriculum in the liberal arts, humanities, sciences, and political, social, and cultural history that all undergraduates of a particular institution of higher education are required to complete before receiving an associate or baccalaureate degree.” HB 2183 also gave The Texas Higher Education Coordinating Board the responsibility for ensuring that each state-supported college and university has a core curriculum. In compliance with state recommendations and in the spirit of improving its educational service to students, Austin Community College requires that all students seeking an Associate in Arts, Associate in Science, or an Associate in General Studies Degree complete the core curriculum. The purpose of the core curriculum is to provide the skills, knowledge, and perspectives that help define the educated person. The courses that are included in the core curriculum will contribute to the acquisition of these skills, perspectives, and to a basic core of knowledge. Educational outcomes have been written so that the College can assess the effectiveness of this program.

## Basic Intellectual Competencies in the Core Curriculum

The core curriculum is predicated on a series of basic intellectual competencies—reading, writing, speaking, listening, critical thinking, and computer literacy—that are essential to the learning process in any discipline. Although students can be expected to come to college with some experience in exercising these competencies, they often need further instruction and practice to meet college standards and, later, to succeed in both their major field of academic study and their chosen career or profession. These competencies are:

**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:** Competency in writing is the ability to produce clear, correct, and coherent prose adapted to purpose, occasion, and audience. Although correct grammar, spelling, and punctuation are essential in any composition, they do not automatically ensure that the composition itself makes sense or that the writer has much of anything to say. Students need to be familiar with the writing process, including how to discover a topic, how to develop and organize it, and 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 communicating, solving problems, and acquiring information. Core-education 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

Another imperative of a core curriculum is that it contain courses that help students attain the following:

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 responsibility of living in a culturally and ethnically diversified world;
2. Stimulate a capacity to discuss and reflect upon individual, political, economic, and social aspects of life in order to understand ways in which to be a responsible member 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 interrelationship of the scholarly disciplines.

## Core Components and Related Exemplary Educational Objectives

The following exemplary educational objectives should be used as basic guidelines for selected component areas.

### I. COMMUNICATION (composition and 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.

#### Exemplary Educational Objectives

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

### II. 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.

#### Exemplary Educational Objectives

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

### III. 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 bases for building and testing theories.

#### Exemplary Educational Objectives

1. To understand and apply method and appropriate technology to the study of natural sciences.
2. To recognize scientific and quantitative methods and the differences between these approaches and other methods of inquiry and to communicate findings, analyses, and interpretation both orally and in writing.
3. To identify and recognize the differences among competing scientific theories.
4. To demonstrate knowledge of the major issues and problems facing modern science, including issues that touch upon ethics, values, and public policies.
5. To demonstrate knowledge of the interdependence of science and technology and their influence on, and contribution to, modern culture.

### IV. 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 arts, 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.

#### Exemplary Educational Objectives

1. To demonstrate awareness of the scope and variety of works in the arts and humanities.
2. To understand those works as expressions of individual and human values within an historical and social context.
3. To respond critically to works in the arts and humanities.
4. 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.
5. To articulate an informed personal reaction to works in the arts and humanities.
6. To develop an appreciation for the influence of the aesthetic principles that guide or govern the humanities and arts.
7. To demonstrate knowledge of the influence of literature, philosophy, and/or the arts on intercultural experiences.

## V. 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.

### Exemplary Educational Objectives

1. To employ the appropriate methods, technologies, and data that social and behavioral scientists use to investigate the human condition.
2. To examine social institutions and processes across a range of historical periods, social structures, and cultures.
3. To use and critique alternative explanatory systems or theories.
4. To develop and communicate alternative explanations or solutions for contemporary social issues.
5. To comprehend the origins and evolutions 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.
6. To understand the evolution and current role of the U.S. in the world.
7. To differentiate and analyze the historical evidence (documentary and statistical) and differing points of view.
8. To recognize and apply reasonable criteria for the acceptability of historical evidence and social research.
9. To analyze, critically assess, and develop creative solutions to public policy problems.
10. 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.
11. To identify and understand differences and commonalities within diverse cultures.

## 42-Hour Core Curriculum

If a student successfully completes the 42-hour core curriculum at an institution of higher education in Texas, that block of courses may be transferred to any other public institution of higher education in Texas and must be substituted for the receiving institution's core curriculum. A student who transfers from one public institution of higher education to another without completing the core curriculum of the sending institution shall receive academic credit from the receiving institution for each of the courses that the student has successfully completed in the core curriculum of the sending institution.

ACC will designate core curriculum courses completed by a student on the official ACC transcript. If all component areas are satisfied by a student, the message "Core Curriculum Completed" will appear on the transcript.

The following course listing for the Core Curriculum was in effect at the time of print. The most current listing of Core Curriculum courses is available on the web at [www.austincc.edu/acadprog/core1.htm](http://www.austincc.edu/acadprog/core1.htm).

### English Rhetoric/Composition: 6 credit hours (code 010)

ENGL 1301	English Composition I
ENGL 1302	English Composition II

### Communications: 3 credit hours (code 011)

SPCH 1311	Introduction to Speech Communication
SPCH 1315	Fundamentals of Public Speaking
SPCH 1318	Interpersonal Communication
SPCH 1321	Business & Professional Speaking
FREN 1511	French I
FREN 1512	French II
GERM 1511	German I
GERM 1512	German II
JAPN 1511	Japanese I
JAPN 1512	Japanese II
RUSS 1511	Russian I
RUSS 1512	Russian II
SPAN 1511	Spanish I
SPAN 1512	Spanish II

### Mathematics: 3 credit hours (code 020)

MATH 1314	College Algebra
MATH 1316	Trigonometry
MATH 1324	Math for Business and Economics
MATH 1332	College Mathematics
MATH 1333	Mathematics for Measurement
MATH 1342	Elementary Statistics
MATH 1425	Business Calculus and Applications I
MATH 2318	Linear Algebra
MATH 2412	Precalculus: Functions & Graphs
MATH 2413	Calculus I
MATH 2414	Calculus II

### Natural Sciences: 6 credit hours (code 030)

BIOL 1408	Unity of Life
BIOL 1309	Life on Earth
BIOL 1406	Cellular and Molecular Biology
BIOL 1407	Structure and Function of Organisms
BIOL 1409	Diversity of Life
BIOL 1413	General Zoology
BIOL 1424	Native Plants
BIOL 2101	Human Anatomy – Lab
BIOL 2102	Human Physiology – Lab
BIOL 2106	Environmental Biology – Lab
BIOL 2206	Environmental Biology – Lecture
BIOL 2304	Human Anatomy – Lecture
BIOL 2305	Human Physiology – Lecture
BIOL 2306	The Living Planet

BIOL 2420	Introduction to Microbiology
BIOL 2401	Anatomy and Physiology I
BIOL 2402	Anatomy and Physiology II
BIOL 2421	Microbiology
CHEM 1405	Introduction to Chemistry
CHEM 2423	Organic Chemistry I
CHEM 2425	Organic Chemistry II
CHEM 1411	General Chemistry I
CHEM 1412	General Chemistry II
GEOL 1305	Environmental Geology
GEOL 1445	Introduction to Oceanography
GEOL 1403	Physical Geology
GEOL 1404	Historical Geology
PHYS 1311	Stellar Astronomy
PHYS 1312	Solar System Astronomy
PHYS 1401	General Physics I
PHYS 1402	General Physics II
PHYS 1405	Conceptual Physics I
PHYS 1407	Conceptual Physics II
PHYS 2425	Engineering Physics I
PHYS 2426	Engineering Physics II

**Humanities: 6 credit hours (codes 040/041)**

ENGL 2322	British Lit I
ENGL 2323	British Lit II
ENGL 2327	American Lit I
ENGL 2328	American Lit II
ENGL 2332	World Lit I
ENGL 2333	World Lit II
ENGL 2342	Intro to Literature I
ENGL 2343	Intro to Literature II
FREN 2311	French III
FREN 2312	French IV
GERM 2311	German III
GERM 2312	German IV
HUMA 1315	The Arts in Contemporary Society
HUMA 1301	Introduction to Humanities
JAPN 2311	Japanese III
JAPN 2312	Japanese IV
LATI 1511	Latin I
LATI 1512	Latin II
LATI 2311	Latin III
LATI 2312	Latin IV
PHIL 1301	Introduction to Philosophy
PHIL 2303	Logic
PHIL 2306	Ethics
RUSS 2311	Russian III
RUSS 2312	Russian IV
SPAN 2311	Spanish III
SPAN 2312	Spanish IV

**Visual and Performing Arts: 3 credit hours (code 050)**

ARTS 1301	Introduction to the Visual Arts
ARTS 1303	Art History I
ARTS 1304	Art History II
COMM 1335	Introduction to Radio and Television
DANC 2303	History and Appreciation of Dance
DRAM 1310	Introduction to the Theatre
DRAM 2366	Film Appreciation
MUSI 1301	Music Fundamentals
MUSI 1306	Music Appreciation

**Government: 6 credit hours (code 070)**

GOVT 2305	American Government
GOVT 2306	Texas State and Local Government

**History: 6 credit hours (code 060)**

HIST 1301	U. S. History I
HIST 1302	U. S. History II
HIST 2301	Texas History
HIST 2381	U. S. History I: African-American Emphasis
HIST 2380	U. S. History I: Mexican-American Emphasis

**Other Social and Behavioral Sciences Courses: 3 credit hours (code 080)**

ANTH 2301	Physical Anthropology
ANTH 2351	Cultural Anthropology
ANTH 2302	Introduction to Archaeology
ECON 2302	Principles of Microeconomics
ECON 2301	Principles of Macroeconomics
GEOG 1301	Physical Geography
GEOG 1302	Cultural Geography
PSYC 2301	Introduction to Psychology
SOCI 1301	Introduction to Sociology

**TOTAL: 42 credit hours**

## Field of Study Curriculum

Field of Study curricula were mandated in Senate Bill 148 of the 75<sup>th</sup> Texas Legislature (1997) are intended to facilitate the free transferability of lower-division academic courses among Texas public colleges and universities. Field of study curricula is defined by SB 148 as “a set of courses that will satisfy the lower division requirements for a bachelor’s degree in a specific academic area at a general academic teaching institution”. As with the Core Curriculum, SB 148 gave the Texas Higher Education Coordinating Board the responsibility of developing and approving academic courses that will fulfill the lower division requirements for majors that correspond to the field of study.

If a student successfully completes a field of study curriculum, that block of courses may be transferred to a general academic teaching institution and must be substituted for that institution’s lower division requirements of the degree program for the field of study into which the student transfers, and the student shall receive full academic credit toward the degree program of the block of courses transferred. A student who transfers from one institution of higher education to another without completing the field of study curriculum of the sending institution shall receive academic credit from the receiving institution of each of the courses that the student has successfully completed in the field of study curriculum of the sending institution. Following receipt of credit for these courses, the student may be required to satisfy further course requirements in the field of study curriculum of the receiving institution.

### Business

The field of study curriculum for business is designed for students seeking the Bachelor of Business Administration (BBA) degree and would also apply to the Bachelor of Arts (BA) or Bachelor of Science (BS) degree with a major in business, including all business specializations. The curriculum consists of the following content areas: economics, mathematics, computer literacy, speech and accounting. The following courses comprise the field of study curriculum and are incorporated into the Associate of Science degree in Business Administration:

ECON	2301	Principles of Microeconomics
ECON	2302	Principles of Macroeconomics
MATH	1425	Business Calculus and Applications I
BCIS	1305	Business Computer Applications
SPCH	1321	Business and Professional Speaking
ACCT	2301	Principles of Financial Accounting
ACCT	2302	Principles of Managerial Accounting

### Music

The field of study curriculum for music is designed to apply to the Bachelor of Music degree but may also be applied to the Bachelor of Arts or other baccalaureate-level music degrees as deemed appropriate by the institution awarding the baccalaureate-level degree. Content areas include ensemble, applied study, theory/aural skills and music literature. The following courses comprise the field of study curriculum and are incorporated into the Associate of Arts degree in Music:

MUEN	Ensemble	4 semester credit hours
MUAP	Applied Study	8 semester credit hours
MUSI	Theory/Aural Skills	12–16 semester credit hours
MUSI	1308	Music Literature I

### Early Childhood Education

The field of study curriculum for child development/early childhood education is designed to apply to the Bachelor of Science in Human Services or Bachelor of Science in Interdisciplinary Studies with a concentration in Child and Family Studies/Child Development, including a proposed certification in Early Childhood Education for grades Kindergarten through 4<sup>th</sup>. The following courses comprise the field of study curriculum and are incorporated into the Associate of Arts degree in Early Childhood Education:

TECA	1303	Family and Community
TECA	1311	Introduction to Early Childhood Education
TECA	1318	Nutrition, Health and Safety
TECA	1354	Child Growth and Development

### Grade 4 – 8 Teacher Certification

The field of study curriculum for grade 4 – 8 certification is designed to apply to the Bachelor of Science degree for the following majors for teacher certification: mathematics, science, mathematics/science composite, social sciences/language arts composite or interdisciplinary studies (generalist and bilingual generalist). The following courses comprise the field of study curriculum and are incorporated into the Associate of Arts degree in Grade 4-8 Certification:

EDUC	1301	Introduction to Education
MATH	1350	Fundamentals of Math I
MATH	1351	Fundamentals of Math II
PSYC	2309	Child Growth and Development Through Adolescence

## Distance Learning

Distance Learning provides students an opportunity to earn college credit by participating in a variety of non-classroom oriented courses. The content and transferability to four-year colleges is identical to the courses offered on campus. Students also follow the same admissions and registration procedures as on-campus students. Instead of attending on-campus classes, students participate in an orientation session, complete readings in texts and study guides, take periodic exams, and in some cases write papers or reports. Exams are taken at ACC Testing Centers or other designated testing centers at distant sites. Each course also has an instructor for students to contact when they need assistance.

Distance Learning offers the following types of courses:

- Telecourses (ITV) use recorded video programs that students may access on cable television or in ACC libraries and Centers. Some ITV courses have been saved in a streamed format and may be viewed from any personal computer with Internet access. For most ITV courses videotapes may be rented from a commercial distributor for the semester.
- Online Courses (PCM) require students to have access to a personal computer with a modem. Blackboard is the only online course management system supported by the College.
- Interactive Video Classes (IVC) use two-way audio/video technology. Interactive video classes connect two or more locations where students see, hear, and talk with their instructor and classmates at other sites.
- Print-based Courses (PRN) are textbook-based courses. Some use video programs, e-mail, or the Internet as supplementary activities.
- Directed Study Courses (DIR) are offered on a limited basis. These require students to spend time at a social service, health, or governmental institution or other sites as a major part of their course work.

## Orientations

Students are required to participate in orientation sessions for Distance Learning courses. The current course schedule provides orientation information for the courses.

## General Information

For general information and new Distance Learning course offerings, see the current ACC course schedule, visit <http://dl.austincc.edu> or call (512) 223-8026, toll-free 1-888-223-8026 or email [dl@austincc.edu](mailto:dl@austincc.edu) with your questions.

## Correspondence Courses

Austin Community College does not offer correspondence courses. Distance Learning telecommunications-based courses which enable students to work at home and take tests in the ACC Testing Centers are offered.

## Instructional Technology

Instructional Technology environments include Media Centers and open access Computer Centers. Media Centers offer students alternative formats for learning, including videos, CD-ROMs and audiocassettes and hardware for viewing. Instructional Technology/Media Center staff assist students in locating and using media relevant to their courses. Computer Centers provide students access to instructional and productivity software and are equipped with computers, printers, software, and access to the Internet. Computer Center staff are available to assist students in using these resources.

## Library Services

Library Services and Instructional Technology include libraries, media centers, and computer centers. All ACC Libraries offer access to the College online network of resources. Library Services at Northridge, Rio Grande and Riverside campuses have larger general collections of reference and circulating print materials and periodicals as well as electronic resources. Media Centers at these campuses have audiovisual collections, and Computer Centers have a general selection of instructional and productivity computer software. The Riverside and Eastview Campus Libraries also have materials for the health sciences curriculum.

Cypress Creek, Eastview, and Pinnacle campuses have small collections of general circulating and reference books, periodicals, and media as well as Computer Centers. Resources and services vary at the evening high school sites. All ACC Library, Media, and Computer Center locations are linked through the online catalog listing print, audiovisual, and computer software materials available for your use.

## Hours and Locations

Call the information number (223-3084) for a recording of the Library, Media Center, and Computer Center hours, pick up the Locations and Hours brochure at an ACC Library, or visit the Library Services web site for complete information, <http://library.austincc.edu>.

## Reference Help

Librarians are faculty members who have professional expertise to assist students in finding and using information. They have designed or are familiar with library assignments handed out in classes and also offer instruction in the print and electronic research process. They can help you at campus reference desks, by phone, or by e-mail, [library@austincc.edu](mailto:library@austincc.edu).

## Access

Using library workstations or your own computer off-campus, you can reach the library web site (<http://library.austincc.edu>) which allows you to access the library web catalog, locate full-text periodical articles, search electronic reference sources, print out electronic reserves, view study guides, tutorials, and recommended web sites, or search the Internet.

You must be a current student to access indexes and reference databases from off campus. Call campus reference desks for further assistance in remote use.

## Materials

All library locations are linked through a web catalog listing more than 130,000 items. This catalog is accessible through the Library Services web site at <http://alicat.austincc.edu/screens/opacmenu.html>. Materials and services available in libraries include current periodicals; back issues of periodicals on microfilm; online full-text databases of periodicals and reference materials; local, state, and national newspapers; circulating books; the Internet; and a wide variety of audiovisual materials such as videos.

Thousands of periodicals and newspapers are available in print or online. You can locate articles in online and print periodical indexes, which librarians can help you use. Many indexes offer the full text of periodical articles that you may print, download, or email to yourself. You may check out periodical back issues at many libraries as well. In addition, there is a reserve collection of materials, placed on reserve by instructors for specific classes. All media materials and the equipment to use them (such as videotapes, audiocassettes, and CD-ROMs) are available for use in the libraries.

## Printing and Copying

Current ACC students may print from library workstations; however, all students are encouraged to bring formatted 3.5" disks to libraries and computer centers for downloading information. Most libraries have photocopiers and high-speed audiotape duplicators for your use.

## Material from Other Libraries

If you need material that is at another campus, you can request that it be sent to your campus through intercampus delivery. Also, ACC Library Services offer TexShare Cards, and through this statewide consortium agreement, ACC students may borrow from many other local libraries.

## Fines

All items except reserves	25 cents/day
Two-hour reserves	\$1 first hour; 25 cents/hour thereafter
Other reserves	\$1 first hour; \$1 a day thereafter

If you do not return materials within four weeks from the due date or if you owe \$10 or more in fines, you will be placed on student records hold. This hold must be cleared before you can check out more materials, register for classes, receive grades, or obtain transcripts.

## Access, Use, and Check-out Procedures for Libraries, Media Centers, and Computer Centers

Students need a current ACC ID and a photo ID to renew or check out materials. Students must also have the appropriate identification listed above to use Computer Centers. Books are loaned for two weeks. Reserve material loan periods vary and may include room-use-only restrictions.

For more information on Instructional Technology and Library Services visit <http://irt.austincc.edu> and <http://library.austincc.edu>.

## Video Services

Video Services provides the technology to deliver distance learning courses and campus-to-campus instruction to students via cable outlets in the Austin area and streaming video technology. Video Services also maintains the College's interactive classrooms and provides technical support to its users. Additionally, Video Services supports the instructional needs of faculty through its production services by creating video class orientations, "virtual fieldtrips," workshops, and other instructional audio and video programs.

## Learning Communities

Learning Communities allow students to discover diverse perspectives and are designed to build involvement, promote learning, and influence student retention. Students enroll in at least two separate courses, and what students learn in one class is reinforced in the other. Some current learning communities at ACC include *The Great American Experience*—a combined government and history course, and *Write the Right Way*—a combined Writing Skills II, English Composition I, and Basic Study Skills course. For information, call 223-5015.