

## Section 4

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# Student Learning and Information Resources

## Student Learning

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### Computer-Related Programs

Mt. San Antonio College is currently offering five different computer related programs: **Computer Information Systems, Computer Science, Computer Integrated Manufacturing (CIM), Microcomputer Applications and Servicing, and New Digital Media – Animation.** Each of these programs has a different emphasis and is offered by a different Department/Division. The brief descriptions that follow are intended to help students select the correct computer specialization for their interests. Students planning to transfer to baccalaureate institutions should consult the catalog of the school to which they plan to transfer for specific lower division requirements.

**Computer Information Systems:** This major is offered by the Computer Information Systems Department of the Business Division. This is both an occupational and a transfer program. The major is intended to prepare students for entry-level business programming or to transfer to a baccalaureate college or university. In addition to CIS courses, the CIS major requires courses in business. Students wishing to pursue the CIS major initially take CIS 10A.

**Computer Science:** This major is offered by the Mathematics, Computer Science Department of the Natural Sciences Division. It is a transfer program intended to satisfy the first two years of a baccalaureate major. However, students may obtain entry level positions after two years of course work. In addition to computer science courses, the Computer Science major requires courses in mathematics, physics, and other sciences. Students wishing to pursue the Computer Science major initially take CSCI 110 and CSCI 110L and a mathematics course appropriate to the student's mathematics background.

**Computer Integrated Manufacturing (CIM):** This major is offered by the Manufacturing Technology Department of the Applied Science and Technology Division. It is an occupational program intended to prepare students for employment in Information and Design Systems Technology using the CAD/CAM software. This major also offers courses in AutoCAD (the development of two and three dimensional screen drawings) related to Computer Integrated Manufacturing to help students improve and update industrial skills. Courses include CIM and MFG prefixes.

**Microcomputer Applications and Servicing:** This program is incorporated into the Electronic Service Technology major offered by the Electronics and Computer Technology Department of the Applied Technology and Health Science Division. Courses in this program offer the student the use of personal computers (both IBM and Macintosh) for technically related problem solving through an integrated software application package including telecommunications. Also included is an advanced course in the service area of microcomputers and peripherals. It encompasses servicing techniques, preventative maintenance, troubleshooting to component level, hardware and software configurations, software diagnostics, logic and fault finding skills, and the extensive use of test equipment. Courses include ELEC and ELSR prefixes.

**New Digital Media – Animation:** The Animation program offers an integrated/interdisciplinary approach to prepare students to meet current and future job market demands. Critical thinking is incorporated throughout the curricula in a student centered learning environment. The program offers a mix of courses with a focus on art techniques and state-of-the-art computer equipment and techniques. The student will be given a balanced blend of art and technology based skills which are essential for today's careers in animation. The program offers both an A.S. degree as well as a variety of certificates. Course content is driven by industry needs in order to provide the student with the best possible preparation for a career in animation or for transfer to an institution of higher learning.

### Televised and On-line Learning

Televised and On-line Learning sections are regular, transferable college credit courses that use lessons delivered by technology rather than on-campus classroom lectures as a primary teaching method. They provide flexibility to those with busy schedules and often appeal to those who find it difficult or impossible to travel to campus each week. Much of the study is independent. Successful Televised and On-line Learning students are highly motivated and have good study skills.

Just as with courses taught on campus, requirements for Televised and On-line Learning courses vary. In addition to watching the televised lessons or learning by computer, you must read your text, complete assignments, and take exams. Each course has specific requirements very much like the requirements of the on-campus sections of the same class. Your professor will give you the requirements you must complete to receive credit at a **MANDATORY MEETING**. Please consult the latest *Schedule of Credit Classes* for Televised and On-line Learning Courses being offered and for **MANDATORY MEETING** dates and times.

### Televised Learning

Our most widely used mode of learning over a distance is by television. Televised lessons are broadcast on KOCE, Channel 50 or KCET, Channel 28. They are also broadcast on the Community College Instructional Network (CCIN), carried by many local cable companies. Mt. San Antonio College currently offers televised courses in General Cultural Anthropology (ANTH 22), Principles of Business (BUSM 20), Business Organization and Management (BUSM 61), Small Business Management (BUSM 66), Child Growth and Development (CHLD 10), General Psychology (PSYC 1A), Sociology (SOC 1), and Marriage and the Family (SOC 14).

### On-line Learning

Mt. San Antonio College is currently offering two courses on-line via the Internet: Physical Anthology (ANTH 1) and Creative Writing-Poetry (ENGL 8B). To be successful in these two courses you must have access to a personal computer with Internet access and Netscape 3.0 or Internet Explorer 3.0.

For further information about the Televised and On-line Learning at Mt. San Antonio College, call the Dean, Learning Resources at Ext. 5658.

### Honors Program

Mt. San Antonio College offers an Honors Program for students who have demonstrated academic excellence. The College currently has 15 honors courses. These courses are specially designed sections of transferable general education courses and, with the exception of one course, are part of the IGETC requirement list.

Completion of the Honors Program makes a student eligible for guaranteed priority admission to the following universities: UCLA, UC Irvine, UC Riverside, UC Santa Cruz, Chapman University, USC, Pepperdine University, Pitzer College, Pomona College, and Occidental College. In addition to an enhanced curriculum for motivated students, Honors Program students receive library privileges at UC Irvine, UCLA, and UC Riverside; special recognition at graduation, an Honors seal on the Mt. San Antonio College diploma; and Honors Program designation on their official transcript.

### Entrance Requirements

- High School Students — Eligibility for ENGL 1A; 1,000 composite SAT score; 3.5 GPA
- Mt. San Antonio College Students — Nine transferable units; Eligibility for ENGL 1A; 3.5 GPA\*

### Requirements for "Honors Program Graduate" Designation

- Complete six [6] honors courses (18 units)
- Maintain a 3.2 GPA

For additional information about Mt. San Antonio College's Honors Program, contact the Dean, Humanities and Social Sciences Division at Ext. 4570 or the Honors Program Office at Ext. 4665.

\*Waivers can be obtained for highly motivated students with professor recommendations.

### Study Abroad Program

Mt. San Antonio College offers students a wide range of study abroad options. For example, the Work and Study in London Program enables students to study International Business and Marketing while working in Britain. Eligible students may also participate in any of the programs offered by The Council on International Educational Exchange at study centers around the world. In addition, our membership in the California Consortium for International Education permits students to participate in study abroad programs sponsored by other Community Colleges throughout California. Finally, our participation in the Foothills Consortium for Study Abroad also provides program opportunities for students with other local Community College students. Interested students may inquire about any of these programs by contacting the Humanities and Social Sciences Division Office or by visiting the International Studies Program Office on the lower level of the Student Services Center building.

### Work Experience Education

Vocational work-experience education is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the students' occupational goal. There are two types of work-experience education: 1) **Parallel Plan** – designed to offer students the opportunity to attend college classes and earn college credit for concurrent learning on the job, and 2) **Alternate Plan** – designed to offer students opportunities to attend college full time one semester and work full time the following semester.

### Student Qualifications

1. In order to qualify for participation in the program, a student shall comply with one of the following:
  - a. Be a legally-indentured apprentice enrolled in at least one college class of related instruction.
  - b. Be enrolled in no less than seven (7) semester units including work experience units, during a regular semester or one other course during summer intersession.
  - c. Be enrolled in the alternate semester plan and have successfully completed at least seven (7) units of other course work in an occupational program.

**NOTE:** Students may not transfer between parallel and alternate plans or re-enroll under the alternate plan until they have earned at least seven (7) units of other class work.

2. Have the approval of the assigned work-experience teacher-supervisor.
3. Have an occupational or educational goal to which, in the opinion of the teacher-supervisor, the work-experience education chosen will contribute.
4. Pursue a planned program of work-experience education based on written, measurable learning objectives which are directly related to the student's educational program and which, in the opinion of the teacher-supervisor, includes new or expanded responsibilities or learning opportunities beyond those experienced during previous employment. Repetition of experiences on an on-going job does not permit continued eligibility for the program.
5. Enrollment in work-experience is not ordinarily intended for persons already in full-time employment. Therefore, for a person employed full time to enroll in the program, that person must contract to conduct and write a comprehensive report on a substantial project assignment over and above that of regular employment. This is in addition to the required on-the-job hours of supervised work. Credit for such work experience enrollment will be withheld until thorough review by the Director, Job and Career Placement, or designee, and verification of the appropriateness, adequate scope, and proper completion of the contracted assignment.
6. Meet the following condition if self-employed: identify a person who is approved by the teacher-supervisor to serve as a designated employer representative. This representative shall agree, in writing, to accept the following employer responsibilities:
  - a. Assist the student in identifying new or expanded on-the-job learning objectives.
  - b. Assist in the evaluation of the student's identified on-the-job learning objectives.
  - c. Validate hours worked.
7. Veterans may not use work-experience courses as credit towards veteran benefits.

### Credits

For the satisfactory completion of work-experience education, the College will grant credit to a student in an amount not to exceed four (4) units per semester, with a maximum total of sixteen (16) units during the student's enrollment in the College. A minimum of 75 paid clock hours or 60 non-paid clock hours per semester of supervised work is required for each one unit of credit.

To receive credit, the student must be making normal progress in the on-campus educational program related to the work experience, either through concurrent enrollment or in an approved plan of alternating college classes and employment experience.

The student enrolled in the work-experience program shall assume and comply with the following responsibilities:

1. Maintain satisfactory grades and attendance, both in the related classes and in the work-experience.
2. Develop written, measurable learning objectives that are approved by the work experience supervisor.
3. Obtain, if necessary, the written permission of one's parents or guardian.
4. Faithfully discharge the duties of the on-the-job assignment.
5. Notify the teacher-supervisor of any job-related problems or of any change in job status.
6. Try at all times to represent one's self and the school creditably in the business community.
7. Be aware that work-experience education is a cooperative educational endeavor and abide by all provisions of the work-experience agreement.

## Information Resources

### Learning Assistance Center Building 6, Room 139, Ext. 4300

The Learning Assistance Center serves students who need to review pre-collegiate skills in math, reading, and writing. The Center offers classes in study techniques and speed reading, and free student services including tutoring, use of computers, assessment of skills, and a personalized study plan.

The Tutorial Services in the Learning Assistance Center provides free tutoring to all Mt. San Antonio College students, high school, and adult community members. These sessions take place on an individual or small group basis. Regularly scheduled tutors assist students with their course work in most subject areas and with their study skills techniques.

### Library Building 6, Upper Level

The College library is located on the upper level of Building 6. It contains approximately 100,000 books and bound magazines which may be accessed by the automated MOUNTIEcat system. There are over 1,300 magazine, journal, and newspaper titles with a variety of periodical indexes plus two InfoTracs (computerized indexes) available in the periodical room. In addition, we are a Selective Depository for federal government documents with many titles of current social and newsworthy interest. Forty pamphlet drawers reflect current topics for students' assignments. Pamphlets and books circulate, but periodicals must be used in the library. Five copy machines and six electronic typewriters are available for student use.

### Media Services Building 6, Room 207

Media Services has over three thousand videos available for student viewing. Students must view the videos in the Media Services center. The media materials are not available for student check-out. Viewing rooms are available on a first-come first-serve basis.



