

Spring 2010 College of Marin CATALOG ADDENDUM

Updates and Corrections to the 2009-2010 Catalog

Office of Instructional Management

12/1/2009

The College of Marin publishes a complete Catalog of Courses each summer. This Addendum contains important updates to graduation, degree, and transfer information in the 2009-2010 COM Catalog. Both the Catalog and the Addendum can be found online at <http://www.marin.edu/catalog/index.htm>.

SPRING 2010 COLLEGE OF MARIN CATALOG ADDENDUM

UPDATES AND CORRECTIONS TO THE 2009-2010 CATALOG

What is the purpose of an Addendum?

College of Marin publishes a complete Catalog of Courses each summer. The 2010-2011 Catalog will be available before the beginning of the Fall 2010 semester. This Addendum contains important updates to graduation, degree, and transfer information in the 2009-2010 COM Catalog.

How do I use the Addendum?

Use this Addendum to check information in the 2009-2010 COM Catalog for updates or corrections. The Addendum lists updated or corrected information in the following sections of the Catalog:

-Academic Information

-Grade Points (page 24 of Catalog)

-Graduation and Degree Requirements

-entire section (pages 45-51 of Catalog)

-Transfer Information

-entire section (pages 55-64 of Catalog)

-Course Descriptions

-course description for ACRT 279 (missing from Catalog)

-specific degree information for the following disciplines:

Automotive Collision Repair Technology (pages 85-87 of Catalog)

Dance (page 132)

Drama (page 143)

Early Childhood Education (pages 148-149)

Humanities (pages 189-190), and

Medical Assisting (pages 204-205)

How is the information presented in the Addendum?

-Additions for the Addendum are in red and underlined.

-Deletions for the Addendum appear in red and in strikethrough.

-All corrections are also [noted in brackets.]

-Page numbers refer to the printed Catalog, not to this Addendum.

page 24:

ACADEMIC INFORMATION

Grade Points

Each letter grade has the following point assignment for each unit:

[Correction for Addendum: There is no C- grade given at College of Marin.]

A	=	4.0
A-	=	3.7
B+	=	3.3
B	=	3.0
B-	=	2.7
C+	=	2.3
C	=	2.0
C	=	1.7
D+	=	1.3
D	=	1.0
D-	=	0.7
F+	=	0.3
F	=	0.0
FW	=	0.0

pages 45-51:

GRADUATION & DEGREE REQUIREMENTS

Catalog Rights

The catalog sets forth graduation requirements for achieving an associate degree and these requirements may change from one catalog to the next. Catalog rights are established for any semester that a student is in attendance. The specific catalog employed toward graduation requirements and all implied rights cease after two consecutive semesters of nonattendance. All requirements must be taken from a single catalog and those requirements begin in the fall. State of California and federal law, as well as College of Marin board policy, shall take precedence over catalog rights. Students not enrolled when applying for a degree or Certificate of Achievement [~~Career Certificate~~] must use the current catalog. *[Correction for Addendum: "Career Certificate" is incorrect, should be "Certificate of Achievement."]*

Graduation Requirements

The Associate in Arts (A.A.) degree or Associate in Science (A.S.) degree will be awarded to any student in good standing upon satisfactory completion of all of the following seven requirements:

1. **Units** - The Associate in Arts (A.A.) degree and the Associate in Science (A.S.) degree require a minimum of 60 lower division units to include all the requirements indicated below and any additional elective units needed to satisfy the 60 unit minimum. Courses numbered 0-99 are not applicable to the associate degree.

2. **Major Requirement** - At least 18 units of study must be taken in a single discipline or related disciplines as indicated in the College of Marin Catalog. See the list of approved majors following this section.
3. **Scholarship** - An overall grade point average (G.P.A.) of 2.0 (“C” average) in all degree-applicable courses (numbered 100 and above) taken at College of Marin and in all acceptable lower division courses transferred from other colleges. The student must be in good standing at the College.
4. **Residence** – Successfully complete at least 12 units in the major requirements at the College of Marin.
5. **Mathematics Proficiency** - One of the following options:
 - (a) A satisfactory score on the Math Assessment Test, i.e. eligibility for [a level beyond](#) Intermediate Algebra (Math 103) or
 - (b) Completion of Intermediate Algebra (Math 103 or Math 103A plus 103B or Math 103X plus 103Y) with a grade of “C” or higher. *[Correction for Addendum: “eligibility for Intermediate Algebra” is incorrect; should be “eligibility for a level beyond Intermediate Algebra.]*
6. **General Education** - A minimum of 19 units of general education is required for the A.A. or A.S. degree. See general education categories and course listings below.

(Please note that one of the general education courses must be a cross-cultural studies course. Most cross-cultural studies courses will satisfy the Cross-Cultural Studies Requirement and one other general education requirement. If a cross-cultural studies course is not found in another general education category, then additional units of general education are needed to meet the A.A. or A.S. degree. Likewise, courses counted for two general education requirements may not be used to fulfill a major requirement.)

7. **Application for Graduation** - It is the student’s responsibility to submit an “Application for Graduation” by making an appointment with a counselor in the Counseling Department. All official transcripts from other colleges must be available in the Counseling Office by the application deadline date. All petitions and waivers must be attached to the application form by the deadline date. (See “The Schedule” or the College catalog for those dates.)

Awarding a Degree or Certificate of Achievement

Upon completion of all degree or certificate requirements as specified in this catalog, a student may qualify for more than one degree or certificate, provided that 12 of the required units for the major are not applied toward any other major and are completed at the College of Marin.

A student who receives a Certificate of Achievement may subsequently complete requirements and earn a degree in the same discipline, since the degree represents a higher level of accomplishment. A Certificate of Achievement in the same discipline will not be granted after receipt of a degree in the same discipline. A student, who at the time of applying is eligible for a degree, will not be issued a certificate. Degrees and certificates are not awarded retroactively.

General Education

General Education Philosophy

Every College of Marin graduate will have a broad education introducing the student to knowledge and the means through which human beings understand their world. General education courses foster this understanding by developing the student’s ability to think and by stressing the interdependency of cultures and disciplines. The

courses facilitate analysis, criticism, and synthesis, and require extensive reading, speaking, and writing. They emphasize participation and encourage the student to experiment with modern technology. General education courses are designed to broaden the student's view of self, society, and the world, and to prepare the student to be an active, ethical participant in life.

Courses in general education will provide the student with the opportunity to:

1. Read, write, and speak competently.
2. Perform proficiently in mathematics, analytical thinking, and abstract logical thinking.
3. Acquire a general background in the major areas of knowledge: humanities, social and behavioral sciences, and natural sciences.
4. Promote an understanding of the diversity and similarity of all groups that comprise contemporary American society.
5. Understand the democratic process.
6. Value physical well being through participation in physical exercise and health education.
7. Develop an awareness of the interrelationship of all living things with their environment and the urgency of directing energies and knowledge to protect the world.

General Education Courses

One course from each category required for graduation (19 units minimum).

A. Natural Sciences

Select one course from the following. (Three units minimum.)

Anthropology 101, 101L

Astronomy 101, 105, 117F, 117L

Biology 100, 101, 105, 107, 108A, 109, 110, 110L, 115, 116, 120, 138, 159, 162, 169A, 169B, 224, 235,

240

Chemistry 105, 105L, 110, 114, 131

Environmental Landscaping 160

Geography 101, 101L, 109, 112

Geology 103, 105, 109, 110, 114, 120, 120L, 121

Physical Education 107

Physics 108A, 110, 207 ~~A~~ [*Correction: PHYS 207A, not 207.*]

NOTES:

1. *Geography 109 may be used to satisfy Categories A or B, but not both.*
2. *Natural Science credit is awarded for only one course in each of the following groups:
Astronomy 105, Biology 105, Geology 105
Astronomy 117F, Astronomy 117L
Biology 107, Physical Education 107*

B. Social and Behavioral Sciences

Select one course from the following. (Three units minimum.)

Anthropology 102, 103, 110, 204, 215
Biology 251
Behavioral Science 103, 201
Business 101
Early Childhood Education 110, 112
Economics 101, 102, 201
Ethnic Studies 110, 111, 112, 121, 151, 154, 242
Geography 102, 109
Health Education 142
History 100, 101, 102, 103, 109, 110, 111, 112, 117, 118, 206, 211 [211 added for Addendum], 214, 215, 216, 238
Political Science 100, 101, 102, 103, 104, 201, 203, 210, 220
Psychology 110, 111, 112, 114, 116, 120, 140, 142, 145, 204, 205, 230, 251
Sociology 110, 112, 114, 140, 205, 230, 250

NOTES:

- The following courses may be used to satisfy Categories B or F, but not both.*
Ethnic Studies 111, 112, 121, 151
History 100, 117, 118
Political Science 100, 101
- Geography 109 may be used to satisfy Categories A or B, but not both.*
- Psychology 205 and Sociology 205 may be used to satisfy Category B or Category E, but not both.*
- Social and Behavioral Science credit is awarded for only one course in each of the following groups:*
Behavioral Science 201, Economics 201, Political Science 201
Biology 251, Psychology 251
Health Education 142, Psychology 142
Psychology 111, Psychology 116
Psychology 112, Psychology 114
Psychology 140, Sociology 140
Psychology 205, Sociology 205
Psychology 230, Sociology 230
- Ethnic Studies 154 may be used to satisfy Categories B or C, but not both.*

C. Humanities

Select one course from the following. (Three units minimum.)

American Sign Language 101, 102, 110, 203, 204
Architecture 100, 101, 102, 131
Art 101, 102, 103, 104, 105, 106, 107, 108
Biology 145
Chinese 101, 102
Communications 108 (three units), 109A, 109B, 110, 160
Dance 108
Drama 110, 116, 117, 119
English 151, 208, 212, 214, 218, 219, 220, 221A, 221B, 222, 223, 224, 225, 230, 235, 237, 240, 242
Ethnic Studies 108, 154

French 101, 102, 108A, 108B, 203, 204, 225, 226
Geology 145
Humanities 100A, 100B, 107, 108, 109A, 109B, 114, 118, 125, 242
Italian 101, 102, 108 (three units), 203, 204, 225, 226
Japanese 101, 102, 108 (three units), 203, 204
Journalism 110, 160
Music 101, 102, 105, 106
Philosophy 110, 111, 117
Spanish 101, 102, 203, 203HB, 204, 225, 226, 228A, 230A, 230B, 230C
Speech 128, 140, 141

NOTES:

1. *English 151 may be used to satisfy Categories C or E, but not both.*
2. *Humanities credit is awarded for only one course in each of the following groups:*

*Art 108, Ethnic Studies 108, Humanities 108
Biology 145, Geology 145
Communications 109A, Humanities 109A
Communications 109B, Humanities 109B
Communications 110, Journalism 110
Communications 160, Journalism 160
English 242, Humanities 242*

3. *Speech 128 may be used to satisfy Categories C or E, but not both.*
4. *Ethnic Studies 154 may be used to satisfy Categories C or B, but not both.*

D. Composition, Written

(Three units minimum.)

English 150 is required for the Associate degree, and must be completed with a grade of “C” or higher.

NOTE:

1. *English 150 is the first level course in college freshman English that is transferable to the University of California and the California State University. English 120SL transfers as an elective to the University of California and California State University. English 120 transfers as an elective to the California State University.*

E. Communication and Analytical Thinking

Select one course from the following. (Three units minimum.)

Computer Information Systems 215
Computer Science 130, 135, 136, 140, 200, 230, 232
English 130, 151, 155
Mathematics 103, 103A and B, 103X and Y, 104, 104X and Y, 105, 109, 110, 114, 115, 116, 121, 122 [122 added for Addendum], 123, 124, 190
Philosophy 112
Psychology 205
Sociology 205
Speech 110, 120, 122, 128, 130, 132
Statistics 115

NOTES:

1. *English 151 may be used to satisfy Categories C or E, but not both.*
2. *Psychology 205 and Sociology 205 may be used to satisfy Categories B or E, but not both. Credit is awarded for only one course.*
3. *Speech 128 may be used to satisfy Categories C or E, but not both.*

F. American Institutions

Select one course from the following. (Three units minimum.)

Ethnic Studies 111, 112, 121, 151
History 100, 117, 118
Political Science 100, 101

NOTE:

1. *All courses listed in Category F may be also used to satisfy Categories B or F, but not both.*

G. Cross-Cultural Studies

Select one course from the following. (Three units minimum.)

Cross-cultural studies courses, which are listed in other general education categories, will satisfy both the Cross-Cultural Studies Requirement and the requirement of one other category.

American Sign Language 110
Anthropology 204, 215
Art 108
Communications 160
English 235, 237
Ethnic Studies 108, 110, 111, 112, 121, 151, 154
History 109
Humanities 108
Journalism 160
Music 105
Psychology 120
Speech 128

H. Physical Activity

(One unit minimum.)

This requirement may be satisfied by degree-applicable activity courses in Physical Education or Dance.

Associate Degree Programs-Associate in Arts and Associate in Science

The College of Marin offers a variety of associate degree programs. The “Major” is required for either the A.A. or A.S. degree and is comprised of a concentration of courses (a minimum of 18 units). Students receiving an associate degree must complete a major as described under each discipline in Section Six of the catalog. Depending upon the goal, the attainment of the Associate degree may fulfill all of the student’s educational needs.

The associate degree in transfer majors is designed as a college/university parallel program for the first two years of a four-year Bachelor's program. The purpose of the transfer program is to prepare students for junior standing at a college or university that grants a bachelor's degree (B.A., B.S.). The transfer major contains general and introductory or basic courses, which will be followed by advanced courses at the upper division level. Students who wish to follow a transfer pattern should carefully examine the requirements of the receiving institution.

The Associate in Science occupational degree programs, which require a minimum of 60 units, provide instruction in the skills and knowledge needed to enter or progress in an occupation. These programs are developed through the cooperation of advisory committees composed of representatives from specific occupational areas and the College. These advisory committees review course content and make recommendations to assure that the instruction and curriculum provide current skills.

Interdisciplinary Degree Programs

The following is a list of interdisciplinary degrees at College of Marin that require a minimum of 18 degree-applicable units to which, in addition to other graduation requirements, only the Associate in Arts (A.A.) degree is granted.

Please note that for 2008-2009, the following interdisciplinary degrees were removed from the Catalog.

Liberal Arts and Sciences, General (A.A.)
 Modern Languages (A.A.)
 Natural Science (A.A.)
 Physical Science (A.S.)
 University Transfer (A.A.)
International Studies (A.A.) [*degree added for Addendum*]

Working with the faculty to bring several of our interdisciplinary associate degrees into compliance with recent changes to Title V regulations, we will reinstate the following degrees pending approval by the Chancellor's office for the 2009-2010 catalog.

LIBERAL ARTS DEGREE (~~pending~~) [*Changes made for Addendum as recommended by Chancellor's Office*]

The Associate degree in Liberal Arts is designed for students who wish to have a broad, general education, plus additional coursework in an "Area of Emphasis." This degree would be an ideal choice for students planning on transferring to a CSU or UC campus, as students can satisfy both general education and lower division major requirements at these institutions. Please consult with a counselor for information regarding your intended major at the specific college or university of your choice. Students may also refer to www.ASSIST.org to get detailed requirements for specific colleges and universities.

To meet the requirements for the Associate of Arts in Liberal Arts, a student must complete the following:

- One of the following General Education options:

*College of Marin General Education Requirements ([Minimum of 19 units](#))

*CSU General Education Requirements (CSU GE Pattern) ([Maximum of 39 units](#))

*Intersegmental General Education Transfer Curriculum (IGETC) pattern (UC or CSU transfer) ([30-39 units](#))

- For students using the College of Marin General Education Requirements, note that no General Education units may be used to meet the Area of Emphasis requirements. Students using College of Marin's General Education Requirements may not yet be prepared to transfer. Students should work with a counselor to complete these requirements.
- For students using the CSU GE or IGETC options, note that no more than 12 of the units used to meet the general education requirements may be double-counted as part of the Area of Emphasis. Students should work with a counselor to complete these requirements.
- College of Marin's other Graduation Requirements apply (i.e., Math proficiency, [competencies](#), grade point average, total units, residency and Cross Cultural Studies). [All additional coursework must be transferable.](#)

A minimum of 18 units from one of the following Emphasis areas with a grade of "C" or higher, "Pass" or "Credit."

Areas of Emphasis include:

Language Arts and Humanities
Communication Studies
Natural Science
Social Science and Behavioral Sciences
Visual and Performing Arts

Emphasis in Language Arts and Humanities
(Associate of Arts in Liberal Arts: Emphasis in Language Arts and Humanities)

These courses emphasize the study of cultural, literary, humanistic and artistic expression of human beings. Students will evaluate and interpret the ways in which people of different cultures, through the ages, have responded to themselves and the world around them in artistic and cultural creation. Students will also learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

This degree can be a good preparation for students transferring to a four-year university with a major in Advertising, American Studies, Comparative Literature, English, Foreign Languages, Humanities, Journalism, Linguistics, Philosophy, Religious Studies, Speech, Communication, and Television and Film, among others.

Students must successfully complete 18 units of study across 3 disciplines listed below.

American Sign Language 101, 102, 110, 203
Architecture 100, 101, 102
Art 101, 102, 103, 104, 105, 106, 108

Chinese 101, 102
Communications 109A+, 109B++
Dance 108
Drama 110, 116, 117
English 208, 212, 214, 218, 219, 220, 221A, 221B, 222, 223, 224, 225, 230, 235, 237, 240, 242
Ethnic Studies 108, 154
French 101, 102, 108A, 108B, 203, 204, 225, 226
Humanities 100A, 100B, 107, 108, 109A+, 109B++, 114, 118, 125, 242
Italian 101, 102, 203, 204, 225, 226
Japanese 101, 102, 203, 204
Music 101, 102, 105, 106
Philosophy 110, 111, 117
Spanish 101, 102, 203, 204, 225, 226, 230A, 230B, 230C
Speech 128

NOTES: +Credit awarded for only one course: Communications 109A/Humanities 109A (cross-listed);
++Credit awarded for only one course: Communications 109B/Humanities 109B (cross-listed).

Emphasis in Communication Studies
(Associate of Arts in Liberal Arts: Emphasis in Communication Studies)

These courses emphasize both the content and form of communication, while providing an understanding of the psychological basis and social significance of communication including the use of modern languages. Students will be able to assess communication as the process of human symbolic interaction. This degree can be a good preparation for students transferring to a four-year university with a major in Communications, English, Modern Languages, and Speech, among others.

Students must successfully complete 18 units of study across 3 disciplines listed below.

American Sign Language 101, 102, 203, 204
Chinese 101, 102
Communications 109A*, 109B**, 110+, 150, 160++
Computer Information Systems 110
English 202, 203
French 101, 102, 108A, 108B, 203, 204, 225, 226
Humanities 109A*, 109B**
Italian 101, 102, 108, 203, 204, 225, 226
Journalism 110+, 160++
Japanese 101, 102, 203, 204
Spanish 101, 102, 203, 203HB, 204, 225, 226, 230A, 230B, 230C
Speech 110, 120, 122, 128, 130, 132, 140, 141

NOTES: *Credit awarded for only one course: Communications 109A/Humanities 109A (cross-listed);
**Credit awarded for only one course: Communications 109B/Humanities 109B (cross-listed);
+Credit awarded for only one course: Communications 110/Journalism 110 (cross-listed);

++Credit awarded for only one course: *Communications 160/Journalism 160 (cross-listed)*.

Emphasis in Natural Science
(Associate of Arts in Liberal Arts: Emphasis in Natural Science)

These courses emphasize the study of mathematical and quantitative reasoning skills; they impart knowledge of the facts and principles that form the foundation of living and non-living systems. Students recognize and appreciate the methodologies of science as investigative tools, as well as the limitations of scientific endeavors. This degree can be a good preparation for students who have a general interest in science but are majoring in areas other than science. This degree may not adequately prepare a student transferring in a science major. Students ~~who are transferring intending to transfer~~ to a four-year university with a science major in Biology, Chemistry, Engineering, Geography, Geology, ~~Math~~, Physics, or Pre Med., among others, should see select coursework in conjunction with a counselor.

Students must successfully complete 18 units of study across 3 disciplines listed below.

Anthropology 101, 101L
 Astronomy 101, 105+, 117L
 Biology 100, 105+, 107++, 108, 109, 110, 110L, 115, 116, 120, 138, 142, 145, 147, 160, 162, 171, 224, 235, 240, 246, 250
 Chemistry 105, 114, 115, 131, 132, 231, 232
 Geography 101, 101L, 112, 125
 Geology 103, 105, 109, 114, 115, 116, 120, 120L, 121, 125, 126, 138, 142, 145, 201, 250
 Math 105, 109, 114, 115*, 121, 122, 123, 124, 223, 224
~~Physical Education 107++~~
 Physics 108A, 108B, 110, 207A, 207B, 207C
 Statistics 115*

NOTES: + Credit awarded for only one course: *Astronomy 105/ Biology 105 (cross-listed)*;

++Credit awarded for only one course: *Biology 107 / Physical Education 107 (cross-listed)*;

*Credit awarded for only one course: *Math 115/Statistics 115*.

Emphasis in Social Science and Behavioral Sciences
(Associate of Arts in Liberal Arts: Emphasis in Social Science and Behavioral Sciences)

These courses emphasize a multi-disciplinary approach to the understanding and study of human behavior. Students will explore and examine the nature and multitude of interactive relationships amongst and between individuals and their social environment, ranging from the development of the individual, to the nuances of interpersonal interaction, to the dynamic structures of national and global communities. Students will gain a heightened awareness of the nature of their individuality, attain a greater understanding and appreciation of the complexities and diversity of the world in which they live, and become better equipped to succeed in an increasingly diverse and complex society.

This degree can be a good preparation for students transferring to a four-year university with a major in African-American Studies, Anthropology, Chicano Studies, Child Development, Cognitive Science, Criminal Justice, Developmental Studies, Ethnic Studies, Family and Consumer Studies, Global Studies, History, International Relations, Legal Studies, Peace and Conflict Studies, Political Science, Psychology, Social Work, Social Science, and Sociology, among others.

Students must successfully complete 18 units of study across 3 disciplines listed below.

Administration of Justice 110, 111, 204
 Anthropology 102, 103, 110, 204, 208, 215
 Behavioral Science 103+, 105, 201++
 Biology 108A+
 Business 101
 Communications 110*, 160**
 Computer Information Systems 110
 Counseling 114, 130
 Early Childhood Education 110, 112
 Economics 101, 102
 Education 110, 111
 Ethnic Studies 110, 111, 112, 121, 151, 154
 Geography 102, 109
 Health Education 130, 142
 History 100, 101, 102, 103, 109, 110, 111, 112, 117, 118, 206, 214, 215, 216, 238
 Journalism 110*, 160**
 Math 115+++
 Political Science 100, 101, 102, 103, 104, 117, 201++, 203, 210, 215, 220
 Psychology 110, 111, 112, 114, 116, 120, 140, 142, 204, 205***, 230, 251
 Sociology 110, 112, 114, 140, 184, 205***, 230
 Speech 128
 Statistics 115+++

NOTES: + Credit awarded for only one course: Behavioral Science 103/Biology 108A (cross-listed);
 ++ Credit awarded for only one course: Behavioral Science 201/Political Science 201 (cross-listed);
 +++ Credit awarded for only one course: Math 115/Statistics 115;
 * Credit awarded for only one course: Communications 110/Journalism 110 (cross-listed);
 ** Credit awarded for only one course: Communications 160/Journalism 160 (cross-listed);
 *** Credit awarded for only one course: Psychology 205/Sociology 205 (cross-listed).

Emphasis in Visual and Performing Arts
(Associate of Arts in Liberal Arts: Emphasis in Visual and Performing Arts)

These courses emphasize the study of cultural activities and artistic expression of human beings. Students evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation. Emphasis is placed on appreciation of the arts, as well as the performance of Dance, Music and Drama and the production of various forms of visual arts. Students are encouraged to participate in performances, as well as create a body of their original work.

This degree can be a good preparation for students transferring to a four-year university with a major in Applied Design, Architecture, Art, Art History, Dance, Drama, Film, Graphic Communications/Design, Multimedia Studies, and Theater, among others.

Students must successfully complete 18 units of study across 3 disciplines listed below.

Architecture 100, 101, 102, 110, 130

Art 101, 102, 103, 104, 105, 106, 108, 112, 113, 114, 116, 118, 130, 134, 140, 144, 146, 148, 152, 165, 170, 180, 185, 190

Communications 109A+, 109B++, 150

Dance 108, 119*, 121*, 122*, 130A*, 130B* 132*, 135*, 142*, 154*, 160*, 161*

Drama 110, 116, 117, 130, 150, 160*, 161

English 202, 203

Humanities 109A+, 109B++

Music 101, 102, 105, 106, 113, 116, 162*, 163*, 165*, 166*, 167*, 168*, 169*, 171, 173*, 174*, 175*, 177*, 178*, 180A*, 181*, 186A*, 186B*, 186C*, 191*, 193

NOTES: *All courses marked with an asterisk (*) have a limit of 3 units total, regardless of discipline.

+ Credit awarded for only one course: Communications 109A/Humanities 109A (cross-listed);

++Credit awarded for only one course: Communications 109B/Humanities 109B (cross-listed).

Associate of Science Degree: ~~Emphasis in Physical Sciences~~ (pending)

The ~~A.S. degree with an emphasis in~~ Physical Sciences degree is designed for students who wish to gain experience in multiple science courses and build math skills. ~~The degree have a broad foundation in the physical sciences and mathematics that~~ is ideal for building a more advanced understanding of a particular field of science or engineering. Consequently, this emphasis degree can be a good option for students planning to transfer to a four-year university with a major in Biology, Chemistry, Computer Science, Engineering, Math, or Physics, providing the knowledge and skills to make academic success possible in these fields in one of these majors. It provides the flexibility for students to satisfy both the appropriate level of general education and the lower division major requirements for specific universities, while still meeting associate degree requirements. For more detailed information on transfer requirements, students should speak with a counselor and refer to www.ASSIST.org.

To complete the requirements for the A.S. Degree for this major with this emphasis, a student must:

- Complete one of the following General Education patterns: College of Marin GE (minimum of 19 units), CSU GE (30-39 units), IGETC (30-39 units), or the following pattern (minimum of 21 units) that is recommended for most science and engineering students pursuing this degree. Students should speak with a counselor to ensure courses are transferable:

- two transferable college courses (three semester units each) in English composition - English 150 and 151 or 155; and

- one transferable college course (three semester units) in mathematical concepts and quantitative reasoning (see course list for IGETC Area 2); and

- four transferable college courses (three semester units each) chosen from the following three subject areas (at least one course from each): the arts and humanities (see course list for IGETC Area 3, Group A or B), the social and behavioral sciences (see course list for IGETC Area 4), and the physical and biological sciences (see course list for IGETC Area 5, Group A or B).

- Complete at least 18 units that include at least three different disciplines from those courses outlined below. Each course used to meet this requirement must be completed with a grade of “C” or higher (or “Credit” or “Pass” if the course was taken on a “credit/no credit” or “pass/no pass” basis). Note that courses used to satisfy this 18-unit major requirement ~~can~~ may NOT also be used to satisfy the GE requirements above.

- Complete all other College of Marin graduation requirements (i.e., units, GPA, residency, and Cross-Cultural studies). All additional coursework must be transferable. Coursework should be selected in conjunction with advice from a counselor.

Physical Sciences ~~Emphasis~~

Students must complete 18 units across at least 3 different disciplines, chosen from among the following courses:

Biology 115, 116

Chemistry 131, 132, 231, 232

Computer Science 150A, 150B, 160, 220, 230, 232, 235

Engineering 110, 125, 126, 220, 235, 245

Math 116, 117, 123, 124, 223, 224

Physics 108A, 108AC, 108B, 108BC, 207A, 207B, 207C

Certificate of Achievement Programs

A Certificate of Achievement is attainable in occupational programs. The certificate is widely recognized by employers as verification of job preparedness. Certificates of Achievement prepare students to enter the careers designated on their certificates. These programs generally require a year or more of study and include at **least 18 units**. At least 12 of the units must be taken at College of Marin. It is the student’s responsibility to submit an “Application for a Certificate of Achievement” by making an appointment with the Counseling Department. Certificate of Achievement programs and requirements are listed under each discipline in Section Six of the catalog.

Granting of Additional Certificates of Achievement

Upon completion of all Certificates of Achievement requirements as specified in this catalog, a student may qualify for more than one certificate provided that 12 of the required units for a certificate are not applied toward any other certificate.

Basic Skills Courses

Courses numbered below 100 are nondegree applicable but may be used for a Certificate of Achievement when listed as a major requirement. Basic skills courses under 100 do not apply toward the 60 units required for graduation, even though they may be listed as part of a vocational program.

Skills Certificates

Skills certificates may be part of a “ladder” of skills, beginning with job entry skills and leading to a full Certificate of Achievement or may constitute a skill set that enables students to upgrade or advance in an existing career. These programs are shorter in duration and narrower in scope than the Certificates of Achievement and consist of **fewer than 18 units**.

Generally all required courses must be completed at the College of Marin. The appropriate Department Chair must approve transfer work. All work must be completed within two years.

Skills certificates and requirements are listed under each discipline in Section Six, “Course Descriptions.”

pages 55-64:

TRANSFER INFORMATION

Students planning to transfer from College of Marin to another college or university should plan their program to include both general education requirements and the specific major requirements of a particular college or university. A transfer student is advised to seek assistance from a counselor. Students should work closely with their counselor in order to make appropriate course choices that will permit transfer with junior standing to a four-year institution after two years at College of Marin. Lower division requirements vary considerably from college to college. Careful planning will ensure students avoid taking classes that do not meet requirements.

A student who intends to transfer should consult the catalog of the institution to which they intend to transfer. Catalogs of the major universities and colleges are available for reference from the Transfer and Career Center located in the Student Services Center. The earlier a student makes a decision regarding a transfer institution, the better the possibility is for meeting all requirements without delay.

ASSIST (Online Student Transfer Information System)

ASSIST is a web-based student transfer information system that can be accessed at www.assist.org. ASSIST is the official statewide repository of articulation for California’s colleges and universities; the site displays reports of how course credits earned at a California community college or university can be applied to transfer to a public California university (CSU, UC). ASSIST is the primary site where students can find specific College of Marin courses that satisfy general education, major preparation requirements and transferable electives at the UCs and CSUs.

California State University Transfer Information

Lower Division Transfer Admission Requirements

Some campuses restrict enrollment of lower division transfer students due to heavy enrollment pressure. College of Marin students who are California Residents with fewer than 60 transferable semester units are considered lower division transfer students.

You are eligible for admission to California State University if you:

1. Have a college grade point average of 2.00 or higher in all transferable college units attempted.
2. Are in good standing at College of Marin, i.e., you are eligible to re-enroll.
3. Meet the admission requirements for a first-time freshman or have successfully completed necessary courses to make up the deficiencies you had in high school if you did not complete the 15-unit pattern of college preparatory subjects.
4. Meet the eligibility index required of a freshman.

Some campuses may require lower division transfer students to have completed English composition and general education mathematics prior to transfer. Contact your campus of choice to determine whether there are admissions limits on the number of lower division transfer students.

Upper Division Transfer Minimum Eligibility Requirements

College of Marin students with 60 or more transferable semester units are considered upper division transfer students.

You are eligible for admission to California State University if you:

1. Have a college grade point average of 2.00 or higher (2.40 for non-California residents) in all transferable college units attempted.
2. Are in good standing at College of Marin, i.e., you are eligible to re-enroll.
3. Have completed or will complete prior to transfer at least 30 semester units of courses equivalent to general education requirements with a grade of "C" or higher. The 30 units must include all of the general education requirements in communication in the English language (English composition, oral communication, and critical thinking) and at least one course of at least three semester units required in college level mathematics.

Required Placement Tests

Upper division transfer students who have completed English composition and college level math courses with a grade of C or higher are exempt from the English Placement Test (EPT) and the Entry Level Mathematics Test (ELM). Upper division transfer students must complete both English composition and college level mathematics prior to enrolling at a CSU campus.

Lower division transfer students will be required to take the tests if they are not exempt based on their SAT or ACT scores or if they have not completed an appropriate English composition course and a college level math course with a grade of "C" or higher.

Transcripts for California State University

Simultaneous to applying for admission, transfer students to the California State University must submit official transcripts directly from all colleges or universities previously attended even if no coursework was completed. If transferring with fewer than 60 transferable semester units completed, transfer applicants must submit high school transcripts and official test scores. Transcripts must be received in sealed envelopes directly from each institution attended. The first two copies of student transcripts from College of Marin are free.

General Education Program for the Bachelor's Degree at California State University

In addition to other requirements for graduation with a baccalaureate degree, California State University requires preparation for general education. Proper planning should enable students to satisfy the state university general education breadth requirements concurrently with requirements for either an Associate in Arts (A.A.) or Associate in Science (A.S.) degree from College of Marin.

CSU General Education Certification

Approximately 124 semester units are required for a Baccalaureate degree at a California State University of which 48 units must be in general education within a prescribed pattern. Thirty-nine units may be completed and certified in whole or in part at College of Marin. The remaining nine units must be taken as upper division courses after transfer to the four-year university.

Community colleges may certify no more than 30 units of general education from Subject Areas B, C, and D combined. The remaining units may be taken from Areas A and/or E.

Completion of 39 units of general education for the California State University System is not a requirement for admission. However, it is recommended that these units be completed during the first two years of college.

Students must make a request for certification prior to attending California State University by completing two forms:

1. A Request for Transcripts,
2. A Request for General Education Certification.

United States History, Constitution, and American Ideals Requirement

In addition to general education, state universities and colleges also require United States History, and Constitution and American Ideals for graduation. Courses at the College of Marin that fulfill the two-course requirement are:

1. One course in United States History to be chosen from the following:
Ethnic Studies 111 or 112 or 121 or 151
History 100 or 117 or 118
2. One course in Constitution and American Ideals to be chosen from the following:
Political Science 100 or 101

2009-2010 CSU General Education Program

AREA A - ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING

Nine units. Select one course from A-1, A-2, and A-3

A-1 Oral Communication

Speech 110, 120, 122, 130, 132

A-2 Written Communication

English 150

A-3 Critical Thinking

Economics 125

English 130, 151, 155

Ethnic Studies 125

History 125

Philosophy 112

Political Science 125

Social Science 125

Speech 132

Area Notes

(a) *Speech 132 may be used for A-1 or A-3, but not both*

(b) *Credit is given for only one course in the following set:*

Economics 125, Ethnic Studies 125, History 125, Political Science 125 or Social Science 125

AREA B – SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING

Nine units. Select one course from B-1, B-2, B-4. A laboratory course marked by an asterisk (*) in B-1 and B-2 will satisfy B-3.

B-1 Physical Sciences

Astronomy 101, 105, 117F*, 117L*

Biology 105, 138*, 160

Chemistry 105, 105L*, 110*, 114*, 115*, 131*, 132*, 132E, 231*, 232*, 232E

Environmental Landscaping 160

Geography 101, 101L*, 112

Geology 103, 105, 109, 110, 120, 120L*, 121*, 138*, 201*

Physics 108A*, 108AC, 108B*, 108BC, 110, 207A*, 207B*, 207C*

B-2 Life Science (Biological)

Anthropology 101, 101L*

Astronomy 105

Biology 105, 107, 109, 110, 110L*, 112ABC, 115*, 116*, 120*, 162*, 224*, 235*, 240*

Environmental Landscaping 160

Geology 105

Physical Education 107

B-3 Laboratory Activity

Laboratory courses marked with an asterisk (*) are included in B-1 and B-2 and will satisfy B-3.

B-4 Mathematics/Quantitative Reasoning

Computer Science 117

Math 104 or 104XY, 105, 109, 110, 114, 115, 116, 117, 121, 122, 123, 124, 223, 224

Statistics 115

Area Notes

(a) Credit is given for only one course in each of the following sets:

Astronomy 105, Biology 105, Geology 105

Biology 107, Physical Education 107

Biology 138, Geology 138

Computer Science 117, Math 117

(b) *Astronomy 105, Biology 105, or Geology 105 may be used for B-1 or B-2, but not both.*

AREA C – ARTS AND HUMANITIES

Nine units. Select three courses to include at least one course each from C-1 and C-2.

Asterisk (*) indicates a performance or activity course. Limit of three units.

C-1 Arts (Art, Dance, Music, Theatre)

Architecture 100, 101, 102

Art 101, 102, 103, 104, 105, 106, 107, 108, 112*, 113*, 114*, 116*, 118*, 130*, 134*, 140*, 144*, 146*, 148*, 152*, 165*, 170*, 180*, 185*, 190*

Communications 109A, 109B

Dance 108, 119*, 121*, 122*, 126*, 130AB*, 132*, 133*, 135*, 136*

Drama 110, 130*, 150, 160*, 161*, 245*, 260*, ~~293~~ [293 deleted for Addendum]

Ethnic Studies 108

Humanities 108, 109A, 109B

Music 101, 102, 105, 106

C-2 Humanities (Literature, Philosophy, and Foreign Language)

American Sign Language 101, 102, 110, 203

Chinese 101, 102

Drama 116, 117

English 208, 212, 214, 218, 219, 220, 221A, 221B, 222, 223, 224, 225, 230, 235, 237, 240, 242

Ethnic Studies 154

French 101, 102, 108A, 108B, 203, 204, 225, 226

Humanities 100A, 100B, 114, 118, 125, 242

Italian 101, 102, 203, 204, 225, 226

Japanese 101, 102, 204

Philosophy 110, 111, 117

Spanish 101, 102, 203, 203HB, 204, 225, 226, 228A, 230A, 230B, 230C

Speech 140, 141

Area Notes

(a) Credit is given for only one course in each of the following sets:

Art 108, Ethnic Studies 108, Humanities 108

Communications 109A, Humanities 109A

Communications 109B, Humanities 109B

Humanities 114, Humanities 118

English 242, Humanities 242

(b) *American Sign Language 110 may be used for C-2 or D-1, but not both*

AREA D – SOCIAL SCIENCES

Nine units. Select three courses from three different groups.

D-0 Sociology and Criminology

Administration of Justice 204

Sociology 110, 112, 184, 205, 250

D-1 Anthropology and Archeology

- American Sign Language 110
 Anthropology 102, 103, 110, 204, 208, 215
- D-2 Economics**
 Economics 101, 102
- D-3 Ethnic Studies**
 Communications 160
 Ethnic Studies 110, 111, 112, 121, 151, ~~242~~ [242 deleted for Addendum]
 Journalism 160
- D-4 Gender Studies**
 Communications 160
 Journalism 160
 Psychology 120
- D-5 Geography**
 Geography 102, 109
- D-6 History**
 Ethnic Studies 111, 112, 121, 151
 History 100, 101, 102, 103, 109, 110, 111, 112, 117, 118, 206, 211 [211 added for Addendum], 214, 215, 216, 238, ~~242~~ [242 deleted for Addendum]
- D-7 Interdisciplinary Social or Behavioral Science**
 Behavioral Science 103, 114, 201
 Biology 108A, 251 [251 added for Addendum]
 Business 101
 Communications 110
 Early Childhood Education 110, 112
 Economics 201
Ethnic Studies 242 [242 added for Addendum]
 History 103, 211[211 added for Addendum]
 Journalism 110
 Political Science 201, 211[211 added for Addendum]
 Psychology 140, 230
 Sociology 114, 140, 230
 Speech 128
- D-8 Political Science, Government, and Legal Institutions**
 Political Science 100, 101, 102, 103, 104, 117, 210, 211[211 added for Addendum], 220
- D-9 Psychology**
Biology 251 [added for Addendum]
 Psychology 110, 111, 112, 114, 116, 120, 145, 204, 205, 251 [251 added for Addendum]

Area Notes

(a) Credit is given in Area D or Area E, but not both for the following courses:

Behavioral Science 103, 114

Biology 108A

Psychology 110, 111, 112, 114, 140, 145

Sociology 140

(b) Credit is given for only one course in each of the following sets:

Administration of Justice 204, Sociology 184

Behavioral Science 103, Biology 108A

Behavioral Science 201, Economics 201, and Political Science 201

Biology 251, Psychology 251 [added for Addendum]

Communications 110, Journalism 110

Communications 160, Journalism 160

History 211, Political Science 211 [added for Addendum]

Psychology 111, Psychology 116

Psychology 140, Sociology 140

Psychology 205, Sociology 205

Psychology 230, Sociology 230

(c) See catalog description for Psychology 112 credit limitation

(d) Courses listed in multiple groups in Area D may not be certified in more than one group.

American Sign Language 110: C-2 or D-1

Communications 160: D-3 or D-4

Ethnic Studies 111, 112, 121, 151: D-3 or D-6

History 103: D-6 or D-7

Journalism 160: D-3 or D-4

Psychology 120: D-4 or D-9

AREA E - LIFELONG UNDERSTANDING AND SELF-DEVELOPMENT

Three units. Select one course.

Behavioral Science 103, 114

Biology 100, 108A

Counseling 130

Health Education 112, 130, 142

Psychology 110, 111, 112, 114, 140, 142, 145

Sociology 140

Area Notes

(a) Credit is given in Area D or Area E, but not both for the following courses:

Behavioral Science 103, 114

Biology 108A

Psychology 110, 111, 112, 114, 140, 145

Sociology 140

(b) Credit is given for only one course in each of the following sets:

Behavioral Science 103, Biology 108A

Health Education 142, Psychology 142

Psychology 140, Sociology 140

(c) See catalog description for Psychology 114 credit limitation

College of Marin Courses Transferable Toward Baccalaureate Degree Credit at the California State University

Courses are accepted by California State University for credit toward the baccalaureate degree that College of Marin designates as appropriate for baccalaureate credit. To determine whether a course fulfills a requirement for a major, consult the catalog of the school to which you intend to transfer, the World Wide Web at ASSIST (www.assist.org), and a counselor.

Administration of Justice - all courses except 39
American Sign Language - all courses
Anthropology - all courses except 39
Architecture - all courses except 39
Art - all courses except 39
Astronomy - all courses except 39
Automotive Collision Repair

Technology - all courses except 39 and 95
 Automotive Technology - all courses except 39 and 95
 Behavioral Science - all courses except 39
 Biology - all courses except 39 and 99
 Business - all courses except 39
 Business Office Systems - all courses except 39 through 99
 Chemistry - all courses except 39
 Chinese - all courses
 Communications - all courses except 39
 Computer Information Systems - all courses except 39
 Computer Science - all courses except 39 and 75
 Counseling - all courses except 39, 70, and 154
 Court Reporting - all courses except 39 and 90
 Dance - all courses except 39
 Dental Assisting - all courses except 39 and 100
 Directed Study - all courses
 Drama - all courses except 39 and 90
 Early Childhood Education - all courses except 39
 Economics - all courses except 39
 Education - all courses except 39
 Electronics Technology - all courses
 Engineering - all courses except 39
 English - all courses except 10 through 99
 English as Second Language - English 120SL only
 Environmental Landscaping - all courses except 39
 Ethnic Studies - all courses except 39
 Film/Video - all communications courses listed under film/video, except 39
 Fire Technology - all courses except 39
 French - all courses except 39
 Geography - all courses except 39
 Geology - all courses except 39 and 99
 Health Education - all courses except 39 and 100
 History - all courses except 39
 Humanities - all courses except 39
 Italian - all courses except 39
 Japanese - all courses except 39
 Journalism - all courses except 39
 Library - all courses except 39
 Machine and Metals Technology - all courses except 39, 90, and 97
 Mathematics - all courses except 25 through 103, 103AB, 103S, and 103XY
 Medical Assisting - all courses except 39 and 100
 Multimedia Studies - all courses except 39 and 90
 Music - all courses except 39
 Nursing Education - all courses except 39, 90, 95, and 100
 Philosophy - all courses except 39
 Physical Education - all courses except 39
 Physics - all courses except 39
 Political Science - all courses except 39
 Psychology - all courses except 39
 Real Estate - all courses except 39
 Social Science - all courses except 39
 Sociology - all courses except 39
 Spanish - all courses except 39
 Speech - all courses except 39

Statistics - all courses except 39
Study Skills - all courses except 39 through 78
Work Experience - all courses

University of California Transfer Information

General Admission Information to the University of California Campuses: Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, San Francisco, Santa Barbara, Santa Cruz

The University considers you a transfer applicant if you graduated from high school and enrolled in a regular session at a college or university. As a transfer applicant, you may not disregard your college record and apply as a freshman.

College of Marin transfer students should take courses that are transferable, that satisfy University and college requirements, and that fulfill prerequisites in the major. Advisors in the Admissions Office at the campus you wish to attend and College of Marin counselors can help you with your planning.

The transfer admission requirements described in this section represent the minimum level of achievement to be eligible for admission to the University.

If the number of applicants exceeds the spaces available for a particular campus or major – as is often the case – the campus uses criteria that exceed the minimum requirements to select students. Meeting the minimum requirements, therefore, is not enough to gain admission to many UC campuses and programs.

Transfer Eligibility Requirements for California Residents

To be eligible for admission to UC as a transfer student, you must fulfill both of the following criteria:

1. Complete 60 semester units of transferable college credit with a grade point average of at least 2.4 and no more than 14 semester units may be taken Pass/No Pass.
2. Complete the following course pattern requirements, earning a grade of “C” or higher in each course:
 - two transferable college courses (three semester units each) in English composition - English 150 and 151 or 155; and
 - one transferable college course (three semester units) in mathematical concepts and quantitative reasoning; and
 - four transferable college courses (three semester units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, and the physical and biological sciences. Exception: University of California, Berkeley, College of Letters and Science requires three years of foreign language in high school or two semesters at College of Marin.

If you satisfy the Intersegmental General Education Transfer Curriculum (IGETC) prior to transferring to University of California, you may satisfy Part 2 of the transfer admission requirements. For more information about the IGETC, refer to the Intersegmental General Education Transfer Curriculum in this section of the catalog.

Lower Division Transfer

If you were eligible for admission to the University when you graduated from high school – meaning you satisfied the Subject, Scholarship and Examination requirements, or were identified by the University during your senior year as eligible in the local context and completed the Subject and Examination requirements in the senior year – you are eligible for transfer if you have a “C” (2.0) average in your transferable coursework.

If you met the Scholarship Requirement in high school but did not satisfy the 15-course Subject Requirement to be eligible to transfer, you must take transferable college courses in the missing subjects, earn a “C” or better in each required course and have an overall “C” (2.0) average in all transferable coursework.

Guaranteed Admission Transfer Contracts

College of Marin has guaranteed admission transfer contracts with universities. To find out specific details, criteria, and participating universities contact the Transfer and Career Center or the Counseling Department.

Intersegmental General Education Transfer Curriculum (IGETC) For Transfer to the University of California and California State University

The Intersegmental General Education Transfer Curriculum (IGETC) is a program that College of Marin transfer students can use to fulfill lower division general education requirements at both the University of California and the California State University. There are other options that fulfill general education requirements, but none of the options cover both the University of California and California State University.

The IGETC will permit a student to transfer from College of Marin to a campus in either the University of California or the California State University System without the need, after transfer, to take additional courses to satisfy campus lower division general education requirements.

The IGETC is not an admission requirement to the University of California or California State University. Existing campus-specific admission requirements for transfer students remain unchanged.

Important: It is not advisable for all transfer students to follow the IGETC. Some students may be better served by taking courses that fulfill the California State University general education breadth requirements or those of the University of California campus to which they plan to transfer. Contact a College of Marin counselor for further information regarding University of California or California State University schools where completion of the IGETC is not recommended.

IGETC Certification

All coursework applicable to the IGETC must be completed and certified in its entirety prior to transfer in order to be accepted by the University of California or California State University. Full Certification indicates that all lower division general education requirements for UC or CSU have been met. Partial Certification is defined as completing all but two (2) courses on the IGETC pattern and requires a Partial Certification form. Courses certified for IGETC must be completed with a grade of “C” or higher. It shall be the student’s responsibility to request certification when requesting the last transcript from College of Marin prior to entering the University of California or California State University system. Students should contact the Counseling Department to initiate IGETC certification.

In addition to the course requirements for each subject area, full certification for California State University must include completion of the Oral Communication Requirement. For the University of California, Oral Communication is not required, but the certification must include satisfactory completion of a Language Other Than English Requirement.

Courses taken at other institutions may be used to fulfill the IGETC. Students should be aware, however, that placement of courses within IGETC subject areas may vary from college to college. Placement of a course will be based on the college of attendance and its IGETC pattern at the time the course was completed.

Completion of the IGETC program will be certified by the last community college that the student attends. As a general rule, IGETC can be certified for California community college transfer students who have completed transfer units at a University of California, California State University, or independent college provided that the student has completed most of the transfer units at one or more California community colleges.

“IGETC After Transfer” Policy

The three segments of California higher education (California Community Colleges, CSU and UC) agreed to revise IGETC so that community college students with good cause would be allowed to complete one or two IGETC courses after transfer to CSU or UC provided that those courses are not required for admission (for example math and English).

To be eligible for IGETC after transfer, the reason must involve good cause such as illness, unavailable or cancelled courses, military service, or unexpected hardships, such as family or employment problems experienced in the final semester before transfer. Good cause must be stated explicitly on a petition (obtained in the Counseling office) documenting and supporting the assertion.

Determination that courses remaining have been completed after transfer is the responsibility of the receiving UC or CSU campus. Community colleges are not required to re-certify a student who is completing IGETC courses after transferring.

Advanced Placement Test

Advanced Placement Test (APT) scores can be used to satisfy certain areas under IGETC. An APT score of ~~four~~ three [*“four” deleted and “three” added for Addendum*] in English Language and Composition will satisfy Area 1, Group A. However, there is no equivalent AP exam for Area 1 Group B Critical Thinking/English Composition. An APT score of four or five in Mathematics Calculus AB or BC will satisfy Area 2, Mathematical Concepts. An APT score of three or higher in United States History will satisfy three units under Area 4. An APT score of three or higher in Chemistry will satisfy the Physical Science with lab for five units under Area 5.

2009-2010 IGETC Program

Symbols:

(+) Indicates that either the University of California or the California State University or both will limit transfer credit. Please refer to “Courses from the College of Marin Acceptable at the University of California (All Campuses)” in this section of the catalog or consult a counselor.

(*) Courses listed in multiple areas shall not be certified in more than one area except for courses in Languages Other than English, which can be certified in both areas 3B and 6A.

(o) Note: Courses approved for Fall 91 may be taken prior to Fall 91. Courses approved for Fall 92 or later may not be taken prior to Fall 92.

AREA 1 – ENGLISH COMMUNICATION

Students transferring to the University of California must complete one course from Group A and one course from Group B. Students transferring to the California State University must complete one course each from Groups A, B, and C.

Group A - English Composition
English 150

Group B - Critical Thinking/English Composition
English 151, 155*

Group C - Oral Communication (CSU Requirement Only)
Speech 110, 120, 122, 130, 132*

AREA 2 - MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

Select one course, three semester units.

Computer Science 117
Math 105, 109, 114, 115+, 116, 117, 121+, 122+, 123+, 124+, 223, 224
Statistics 115+

AREA 3 - ARTS AND HUMANITIES

Select three courses, nine semester units. At least one course from Group A and one course from Group B.

Group A – Arts

Architecture 100+, 101+, 102+
Art 101, 102, 103, 104, 105, 106, 107, 108+
Communications 109A, 109B
Dance 108
Drama 110
Ethnic Studies 108+
Humanities 108+, 109A, 109B
Music 101, 102, 105

Group B – Humanities

American Sign Language 102*, 203
Chinese 102*
Drama 116, 117
English 208, 212, 214, 218, 220, 221A, 221B, 222, 223, 224, 225, 230, 235, 237, 240, 242+
Ethnic Studies 154
French 102*, 108A, 108B, 203*, 204*, 225*, 226*
Humanities 100A, 100B, 107, 114+, 118+, 125, 242+
Italian 102*, 203*, 204*, 225*, 226*
Japanese 102*, 204*
Philosophy 110, 111, 117
Spanish 102*, 203*, 203HB*, 204*, 225*, 226*, ~~228A~~ [228A deleted for Addendum] 230A, 230B, 230C
Speech 128

AREA 4 - SOCIAL AND BEHAVIORAL SCIENCES

Select three courses, nine semester units. Courses must be selected from at least two disciplines.

Anthropology 102+, 103+, 110, 204, 208, 215+
 Behavioral Science 103+, 201+
 Biology 108A+, 251
 Communications 110*, 160*
 Early Childhood Education 110
 Economics 101, 102, 201+
 Ethnic Studies 110, 111, 112, 121, 151, 242
 Geography 102, 109
 Health Education 142+
 History 100+*, 101, 102, ~~103~~ [103 deleted for Addendum], 109, 110, 111, 112, 117+, 118+, 206, 214, 215, 216, 238
 Journalism 110*, 160*
 Political Science 100+*, 101+*, 102, 103, 104, 201+, 210, 220
 Psychology 110, 111+, 112+, 114+, 116+, 120, 140+, 142+, 204, 205+, 230+, 251 [251 added for Addendum]
 Sociology 110, 112, 114, 140+, 205+, 230+

AREA 5 - PHYSICAL AND BIOLOGICAL SCIENCES

Select one course from Group A and one course from Group B, seven to nine semester units. At least one of the courses selected must include a laboratory. Courses that are labs or have a lab component are underlined in bold type.

Group A - Physical Sciences

Astronomy 101, 105+, 117E, 117L
 Biology 105+, 138+*, 160
 Chemistry 105+, 105L, 114+, 115+, 131, 132+, 132E, 231, 232+
 Environmental Landscaping 160
 Geography 101, 101L, 112
 Geology 103, 105+, 109, 110+, 114, 120+, 120L, 121, 138+*, 201
 Physics 108A+, 110+, 207A+

Group B - Biological Sciences

Anthropology 101, 101L
 Biology 107, 109, 110+, 110L+, 112ABC, 115, 116, 120, 138+*, 162, 224, 235, 240+
~~Environmental Landscaping 160~~ [deleted for Addendum]
 Geology 138+*
 Physical Education 107

LANGUAGES OTHER THAN ENGLISH (UC Requirement only)**6A - Languages Other Than English**

May be met by one of the following:

- Two years of one language other than English in high school with a grade of "C" or higher
- Completion of one of the following courses:

American Sign Language 101*, 102*, 203, 204
Chinese 101*, 102*
French 101*, 102*, 203*, 204*, 225*, 226*
Italian 101*, 102*, 203*, 204*, 225*, 226*
Japanese 101*, 102*, 203
Spanish 101*, 102*, 203*, 203HB*, 204*, 225*, 226*

Note: Courses listed in multiple areas shall not be certified in more than one area except for courses in Languages Other Than English, which can be certified in both areas 3B and 6A.

California State University Graduation Requirement in United States History, Constitution and American Ideals

(This is not a part of the IGETC, but may be completed prior to transfer.)
Select one course from Group A and one course from Group B

Group A - United States History

Ethnic Studies 111*, 112*, 121*, [151](#) [*151 added for Addendum*]
History 100+*, 117+*, 118+*

Group B - Constitution and American Ideals

Political Science 100+*, 101+*

Courses from the College of Marin Acceptable at the University of California (All Campuses)

All of the following courses are transferable with limitations as indicated.

To determine whether a course fulfills a requirement for a major, you must consult the catalog of the University of California campus to which you plan to transfer. Please see a counselor if you have any questions and for specific requirements that must be met prior to transfer.

Honor Course Credit Limitation

Duplicate credit will not be awarded for both the honors and regular versions of a course. Credit will only be awarded to the first course completed with a grade of "C" or higher.

indicates new courses or changes for current year

Administration of Justice
110, 111, 118, 204 (same as Sociology 184)

American Sign Language
101*, 102, 203, 204
* *Corresponds to two years of high school study.*

Anthropology
101, 101L, 102*, 103*, 110, 139 (see Var. Topic), 204, 208, 215+, 249 (see Var. Topic)

**102 and 103 combined: maximum credit, one course.*

+May be taken twice for credit (per college)

Architecture

100*, 101*, 102*, 110**, 130**

**100, 101, and 102 combined: maximum credit, two courses*

***Any or all of these courses combined: maximum credit, 18 semester units per UC Berkeley's College of Environmental Design*

Art

101, 102, 103, 104, 105, 106, 107, 108 (same as Ethnic Studies 108, Humanities 108), 112, 113, 129, 130, 131, 134, 135, 139 (see Var. Topic), 140, 141, 144, 145, 146, 147, 148, 152, 153, 170, 171, 175, 176, 177, 180, 181, 185, 186, 187#, 190*, 191*, 192*, 234, 235, 240, 241, 242, 243, 244, 245, 246, 247, 249 (see Var. Topic), 275, 276, 285, 286, 290*, ~~292~~ [292 deleted for Addendum]

**190, 191, 192, and 290 combined: maximum credit, 6 units*

Astronomy

101, 105 (same as Biology 105, Geology 105), 117F (same as Astronomy 117L), 117L, 139 (see Var. Topic), 249 (see Var. Topic)

Behavioral Science

103 (same as Biology 108A), 105, 139 (see Var. Topic), 201 (same as Economics 201, Political Science 201), 249 (see Var. Topic)

Biology

100, 105 (same as Astronomy 105, Geology 105), 107 (same as Physical Education 107), 108, 108A (same as Behavioral Science 103), 109, 110o, 110Lo, 115, 116, 120, 138 (same as Geology 138), 139 (see Var. Topic), 142 (same as Geology 142), 145 (same as Geology 145), 147, 150#, 160#, 162, 171, 224, 235, 240+, 246, 249 (see Var. Topic), 250 (same as Geology 250)

oNo credit for 110, 110L if taken after 115 or 116

+240 and 244 combined: maximum credit, one course

Business

101, 107, 112#, 113

Chemistry

105, 105L, 114*, 115+, 131, 132oo, 132Eoo, 139 (see Var. Topic), 231, 232oo, 232Eoo, 249 (see Var. Topic)

**No credit for 114 if taken after 131*

+No credit for 115 if taken after 231

oo132 and 132E combined: maximum credit, one course

232 and 232E combined: maximum credit, one course

Chinese

101*, 102

**Corresponds to two years of high school study.*

Communications

109A, 109B (same as Humanities 109A and 109B), 110 (same as Journalism 110), 150, 160 (same as Journalism 160)

Computer Information Systems

110, 139 (see Var. Topic), 215, 249 (see Var. Topic)

Computer Science

117 (same as Mathematics 117), 130, 135, 139 (see Var. Topic), 140, 150A, 150B (same as Engineering 150B), 160, 190, 200, 220, 230, 232, 235, 249 (see Var. Topic)

Counseling

114#

Dance

108, 112, 115, 116, 117*, 118*, 119, 121, 122, 123, 126, 127AB, 130AB, 131AB, 132#, 133#, 135, 136, 139 (see Var. Topic), 142, 143, 154, 160, 161, 162, 170, 171, 172, 173, 175, 176, 222, 224, 225, 228AB, 229AB, 232AB, 240, 241A-D, 249 (see Var. Topic), 260ABC

**Any or all of these Physical Education activity courses combined: maximum credit, four units*

o 117, 118 and () Physical Education activity courses combined: maximum credit, 4 units*

Directed Study

(See Variable Topics Courses)

Drama

110, 116, 117, 119, 124*, 125, 126, 127, 128, 130, 131, 134, 136, 139 (see Var. Topics), 140, 144, 150, 160, 161, 162, 163, 166, 217, 230, 231, 240, 245, 246, 249 (see Var. Topics), 260

**No credit for 124 if taken after 130*

Early Childhood Education

110

Economics

101, 102, 125 (same as Ethnic Studies 125, History 125, Political Science 125, Social Science 125), 139 (see Var. Topic), 201 (same as Behavioral Science 201), 215 (with limitations) [215 added for Addendum], 249 (see Var. Topic)

Education

110, 111

Engineering

110, 110B, 125, 126, 139 (see Var. Topic), 150B, 210, 220, 235, 245, 249 (see Var. Topic)

English

120SL*, 130, 139 (see Var. Topic), 150, 151, 155, 202, 203, 208, 212, 214, 218, 219, 220, 221A, 221B, 222, 223, 224, 225, 230, 235, 237, 240, 242 (same as Humanities 242), 249 (see Var. Topic)

**120SL and any other transferable ESL course combined: maximum credit, 8 units*

Environmental Landscaping

139 (see Var. Topics), 154A*, 154B*, 157, 160 [160 added for Addendum], 254A*, 254B*

**154AB and 254AB combined: maximum credit, one series*

**154A and 154B must both be taken in order to receive transfer credit*

**254A and 254B must both be taken in order to receive transfer credit*

Ethnic Studies

108 (same as Art 108, Humanities 108), 110, 111, 112, 121, 125 (same as Economics 125, History 125, Political Science 125, Social Science 125), 139 (see Var. Topic), 151, 154, 242, 249 (see Var. Topic)

Film/Video

(Please see Communications)

French

101*, 102, 108A, 108B, 139 (see Var. Topic), 203, 204, 225, 226, 249 (see Var. Topic)

**Corresponds to two years of high school study.*

Geography

101, 101L, 102, 109, 112, 125, 139 (see Var. Topic), 249 (see Var. Topic)

Geology

103, 105, (same as Astronomy 105, Biology 105), 109, 110+, 114, 116, 120+, 120L, 121, 125oo, 126oo, 138 (same as Biology 138), 139 (see Var. Topic), 142 (same as Biology 142), 145 (same as Biology 145), 201, 249 (see Var. Topic), 250 (same as Biology 250)

+110 and 120 combined: maximum credit, one course (per catalog)

oo 125 and 126 combined: maximum credit, three units

Health Education

115, 118#, 130, 140#, 142++ (same as Psychology 142).

++142 and Psychology 112, 114 combined: maximum credit, six units. Deduct credit for duplication of topics.

History

100*, 101, 102, 103, 109, 110, 111, 112, 117*, 118*, 125 (same as Economics 125, Ethnic Studies 125, Political Science 125, Social Science 125), 139 (see Var. Topic), 206, 214, 215, 216, 238, 249 (see Var. Topic)

**100, 117 and 118 combined: maximum credit, two courses*

+119 and 120 combined: maximum credit, one course

Humanities

100AB, 107, 108 (same as Art 108, Ethnic Studies 108), 109A, 109B (same as Communications 109A, 109B), 114o, 118o, 125, 139 (see Var. Topic), 242 (same as English 242), 249 (see Var. Topic)

**Must be taken for a letter grade to receive transfer credit.*

o114 and 118 combined: maximum credit, one course

Italian

101*, 102, 108Ao, 108Bo, 108Co, 108Do, 139 (see Var. Topic), 203, 204, 225, 226, 249 (see Var. Topic)

**Media version must be taken for a letter grade to receive transfer credit.*

o108A, 108B, 108C, 108D must be taken for a minimum of three units to receive transfer credit

Japanese

101*, 102, 139 (see Var. Topic), 203, 204, 249 (see Var. Topic)

**Corresponds to two years of high school study.*

Journalism

110 (same as Communications 110), 160 (same as Communications 160)

Library

110*, 115*

**110 and 115 combined: maximum credit, one course*

Mathematics

105, 114, 115+, 109, 116, 117 (same as Computer Science 117), 121o, 122o, 123o, 124o, 139 (see Var. Topic), 223,

224, 249 (see Var. Topic)

+115 and Statistics 115 combined: maximum credit, one course.

o121, 122 and 123, 124 combined: maximum credit, one series

Music

101, 102, 105, 106, 111, 112, 113, 121, 122, 128, 128L, 139 (see Var. Topic), 162, 163, 165, 166, 167, 168, 169, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180AB, 181, 182, 183, 186A, 186B, 186C, 187, 191, 193, 211, 212, 214, 221, 222, 249 (see Var. Topic), 261AB, 262AB, 271, 272, 281, 282

Philosophy

110, 111, 112, 117, 139 (see Var. Topic), 249 (see Var. Topic)

Physical Education

70 through 80*, 107 (same as Biology 107), 110*, ~~112# [112# deleted for Addendum]~~, 117#, ~~118# [118# deleted for Addendum]~~, 125A*, 125C*, 125D*, 125F*, 125H*, 125K*, 126#, 129#, 132*, 139** (see Var. Topic), 143, 146, 147#, 150#, 155#, 156*, 160#, 164*, 167*, 169*, 173A*, 175*, 176*, 178*, 180*, 181*, 182#, 183*, 185*, 187*, 190A+, 191A+, 192A+, 193A+, 194#, 195A+, 195B+, 196*, 197A#, 215, 216A, 249** (see Var. Topic), 267*

*Any or all courses combined: maximum credit, four units

+Any or all courses combined: maximum credit, eight units

**Depending on course content, apply appropriate limitation.

Physics

108A+, 108AC, 108B+, 108BC, 110*, 139 (see Var. Topic), 207A+, 207B+, 207C+, 249 (see Var. Topic)

+108A, 108B, and 207ABC combined: maximum credit, one series. Deduct credit for duplication of topics.

*No credit for 110 if taken after 108A or 207A

Political Science

100*, 101*, 102, 103, 104, 117, 125 (same as Economics 125, Ethnic Studies 125, History 125, Social Science 125), 139 (see Var. Topic), 201 (same as Behavioral Science 201, Economics 201), 203, 210 [210 added for Addendum], 215, 220, 249 (see Var. Topic)

*100 and 101 combined: maximum credit, one course

Psychology

110*, 111+, 112o, 114o, 116+, 120, 139 (see Var. Topic), 140 (same as Sociology 140), 142o (same as Health Education 142), 204, 205**, 230 (same as Sociology 230), 249 (see Var. Topic), 251

+111 and 116 combined: maximum credit, one course

o112, 114, and 142 combined: maximum credit, six units. Deduct credit for duplication of topics.

**205 and Sociology 205 combined: maximum credit, one course

Social Science

125 (same as Economics 125, Ethnic Studies 125, History 125, Political Science 125), 139 (see Var. Topic), 215 (with limitations) [215 (with limitations) added for Addendum], 249 (see Var. Topic)

Sociology

110, 112, 114#, 139 (see Var. Topic), 140 (same as Psychology 140), 184 (same as Administration of Justice 204), 205, 230 (same as Psychology 230), 249 (see Var. Topic)

Spanish

101*, 102, 139 (see Var. Topic), 203, 203HB, 204, 225, 226, 228A, 230A, 230B, 230C, 235 [230C, 235 added for Addendum], 249 (see Var. Topic)

*Corresponds to two years of high school study.

Speech

110, 120, 122, 128, 130, 132, 139 (see Var. Topic), 140, 141, 249 (see Var. Topic)

Statistics

115* (meets H. S. math)

*115 combined with Math 115: maximum credit, one course.

Variable Topics Courses

(Directed Study, Selected Topics, Internship, Independent Studies, Fieldwork, etc.)

Please note that the granting of transfer credit for courses of this kind is given only after a review of the scope and content of the course by the enrolling UC campus. This usually occurs after transfer and may require recommendations from faculty.

Information about internships may also be presented for review, but credit for internships rarely transfers to UC. UC does not grant credit for variable topics courses in Journalism, Photography, Health, Business Administration, Architecture, Administration of Justice (Criminology) or Library Departments because of credit restrictions in these areas.

The Lower-Division Transfer Patterns (LDTP) Project

The Lower Division Transfer Patterns (LDTP) Project is another option for transfer to the California State University System. The admissions component of the project is being developed and information is forthcoming. A brief summary of LDTP is provided below:

The Lower-Division Transfer Patterns (LDTP) project, sponsored by the California State University (CSU) and supported by the California Community Colleges, presents potential transfer students with a set of “road maps” to follow that will ensure appropriate academic preparation for studies at CSU and that will decrease time to graduation once these students enter the CSU. The LDTP for each discipline has a statewide as well as campus-specific components. The statewide component of the LDTP is appropriate for any CSU campus that offers the major and is comprised of general education coursework as well as some courses within the discipline. The campus-specific component identifies discipline related coursework relevant to the major at the specific CSU campus. Together these components for an LDTP discipline will total at least 60 units, the number needed to transfer to CSU as an upper-division student.

Please refer to CSUMentor for more information on LDTP at <http://www.csumentor.edu/planning/ldtp/>

pages 85-87:

Automotive Collision Repair Technology Degree Requirements:

A.S. in Master Collision Repair, Occupational

(Certificate of Achievement also awarded. Skills Certificates available in Mechanical and Electrical Components, Nonstructural Damage Repair, Painting and Refinishing, and Structural Damage Repair.)

The Automotive Collision Repair Technology Program is offered at the Indian Valley Campus. Students who complete the requirements for Master Collision Repair and additional general education and graduation requirements will be awarded an Associate in Science degree. Students who complete only the required courses for the major will receive a Certificate of Achievement. A Skills Certificate is earned by completion of the required courses as listed for the specific Skills Certificate. In addition, students may be credited with up to two years toward their apprenticeship in Marin County’s automotive reconditioning and refinishing market.

Please note: Students must complete English 150 to satisfy the Associate degree. Transfer students are advised to complete English 150. All students should consult a counselor.

Requirements	Units
ACRT 95* Applied Automotive Math	1
ACRT 167 Joining and Fastening Processes I	2
ACRT 168 Joining and Fastening Processes II	2
ACRT 169 Metalworking and Fundamentals I	4
ACRT 170 Metalworking and Fundamentals II	4
ACRT 171 Dent and Damage Repair	2
ACRT 176 Introduction to Plastics for Automotive Body Repair	2
ACRT 177 Maintenance and Detailing	2
ACRT 178 Introduction to Welding for Automotive Body Repair	2
ACRT 180 Panel Replacement	2
ACRT 225 Automotive Careers and Customer Relations	2
ACRT 249B Directed Study	2,2
Or	
ACRT 160A Automotive Painting and Refinishing Repair Workshop	1
And	
ACRT 160B Automotive Dent and Damage Repair Workshop	1
And	
ACRT 160C Automotive Structural Repair Workshop	1
And	
ACRT 160D Automotive Mechanical and Electrical Repair Workshop	1
ACRT 273 Painting and Refinishing	4
ACRT 274 Painting and Refinishing-- Enamels and Polyurethanes	4
ACRT 279 Frame Straightening and Repair	2
AUTO 111 Automotive Maintenance – Intermediate	3
Or	
AUTO 118 Brakes, Alignments and Suspension	6
Or	
AUTO 275 Automotive Brake Systems	2
And	
AUTO 277 Alignment and Suspension	2
AUTO 113 Specialized Electronic Training	5
AUTO 235 Automotive Air Conditioning	2½

* *Applied toward the Certificate of Achievement only.*

Skills Certificates

Skills Certificates are an acknowledgement that the student has attained a specified set of competencies within an occupational program. Skills Certificates may be part of a “ladder” of skills, beginning with job entry skills and leading to a full Certificate of Achievement program or may constitute a skill set that enables a student to upgrade or advance in an existing career. Skills Certificates require less than 18 units and are shorter in duration than the Certificate of Achievement.

Mechanical and Electrical Components Skills Certificate

This Skills Certificate demonstrates competency of skills necessary to qualify for an intermediate-level job in automotive collision repair. Students should be prepared to take and pass the ASE Structural Damage Repair Test Certification.

Requirements	Units
ACRT 95 Applied Automotive Math	1 <i>[deleted for Addendum]</i>
ACRT 171 Dent and Damage Repair	2 <i>[added for Addendum]</i>
ACRT 178 Introduction to Welding for Automotive Body Repair	2
ACRT 160D Automotive Mechanical and Electrical Repair Workshop	1,1
ACRT 249B Directed Study	2 <i>[deleted for Addendum]</i>
AUTO 111 Automotive Maintenance Intermediate	3 <i>[deleted for Addendum]</i>
AUTO 118 Brakes, Alignments and Suspension	6 <i>[deleted for Addendum]</i>
AUTO 275 Automotive Brake Systems	2 <i>[deleted for Addendum]</i>
— And	
AUTO 277 Alignment and Suspension	2 <i>[deleted for Addendum]</i>
AUTO 113 Specialized Electronic Training	5
AUTO 235 Automotive Air Conditioning	2½

Nonstructural Damage Repair Skills Certificate

This Skills Certificate demonstrates competency of skills necessary to qualify for an entry-level automotive collision repair job. Students should be prepared to take and pass the ASE Nonstructural Damage Repair Test Certification.

Requirements	Units
ACRT 160B Dent and Damage Repair Workshop	1, 1
ACRT 249B Directed Study	2 <i>[deleted for Addendum]</i>
ACRT 167 Joining and Fastening Processes I	2
ACRT 169 Metalworking and Fundamentals I	4
ACRT 171 Dent and Damage Repair	2
ACRT 176 Introduction to Plastics for Automotive Body Repair	2
ACRT 178 Introduction to Welding for Automotive Body Repair	2
ACRT 180 Panel Replacement	2

Painting and Refinishing Skills Certificate

This Skills Certificate demonstrates competency of skills necessary to qualify for an entry-level automotive painting and refinishing technician job. Students should be prepared to take and pass the ASE Painting and Refinishing Test Certification.

Requirements	Units
ACRT 95 Applied Automotive Math	1 <i>[deleted for Addendum]</i>
ACRT 160A Automotive Painting and Refinishing Repair Workshop	1, 1
ACRT 249B Directed Study	2 <i>[deleted for Addendum]</i>
ACRT 176 Introduction to Plastics for Automotive Body Repair	2 <i>[deleted for Addendum]</i>
ACRT 177 Maintenance and Detailing	2
ACRT 273 Painting and Refinishing	4
ACRT 274 Painting and Refinishing-- Enamels and Polyurethanes	4

Structural Damage Repair Skills Certificate

This Skills Certificate demonstrates competency of skills necessary to qualify for an entry-level job in automotive structural sheet metal collision repair. Students should be prepared to take and pass the ASE Structural Damage Repair Test Certification.

Requirements	Units
ACRT 95 Applied Automotive Math	1 [deleted for Addendum]
ACRT 160C Automotive Structural Repair Workshop	1, 1
Or	
ACRT 249B Directed Study	2 [deleted for Addendum]
ACRT 168 Joining and Fastening Processes II	2 [deleted for Addendum]
ACRT 170 Metalworking and Fundamentals II	4 [deleted for Addendum]
ACRT 279 Frame Straightening and Repair	2
AUTO 111 Automotive Maintenance – Intermediate	3
AUTO 278 Alignment, Wheel Balance, and Brakes	2 [added for Addendum]
AUTO 118 Brakes, Alignments and Suspension	6 [deleted for Addendum]
—Or	
AUTO 275 Automotive Brake Systems	2 [deleted for Addendum]
—And	
AUTO 277 Alignment and Suspension	2 [deleted for Addendum]

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ACRT 279: Frame Straightening and Repair [Note: This course was inadvertently deleted from the 08-09 and 09-10 Catalogs]

(2.0 Units) (No prerequisite. One lecture and three laboratory hours weekly.)

This course will cover conventional and unitized constructed vehicle frames, straightening and alignment of each type, alignment at cross members, rear and side frame members, suspension systems, and steering principles in their relationship to frame alignment. (Study, demonstration, and practice with various types of frame straightening machines, gauges, tools, and safety precautions, used in the automotive collision industry, will be covered.) Through this practicum experience, students will have the opportunity to integrate their classroom knowledge in a workplace environment. May be taken four times for credit. (CSU)

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Dance Degree Requirements:**A.A. in Dance**

The A.A. degree prepares students for transfer into a four-year dance major or performing arts program. It serves as basic preparation for professional performance and/or teaching careers, as well as being a springboard into further study of other dance related areas.

Please note: Students must complete English 150 to satisfy the Associate degree. Transfer students are advised to complete English 150. All students should consult a counselor.

Technique Courses

The following requirements are the minimum. The student is advised to take as many technique courses as possible in order to develop the highest skill level in any of the styles.

Requirements	Units
Nine technique courses are required for the major, distributed as follows (minimum of 14 units).	
Ballet, two courses from:	
DANC 115 Modern Ballet I	1½
Or	
DANC 116 Modern Ballet II	1½
DANC 126 Ballet I	1½
DANC 127A Ballet II	1½
DANC 127B Ballet II	2
DANC 175 Summer Intensive: Workshop in Classical Performance II	1½
DANC 228A Ballet III	1½
DANC 228B Ballet III	2
DANC 229A Ballet IV	1½
DANC 229B Ballet IV	2
Modern, two courses from:	
DANC 130A Modern Dance I	1½
DANC 130B Modern Dance I	2
DANC 131A Modern Dance II	1½
DANC 131B Modern Dance II	2
DANC 172 Summer Intensive: Contemporary Dance Workshop I	1½
DANC 173 Summer Intensive: Contemporary Dance Workshop II	1½
DANC 232A Modern Dance III	1½
DANC 232B Modern Dance III	2
DANC 240A Modern Dance IV	1½
DANC 240B Modern Dance IV	2
Jazz, two courses from:	
DANC 122 Jazz Dance I	1½
DANC 123 Jazz Dance II	1½
DANC 170 Summer Intensive: Workshop in Broadway Dance I	1½
DANC 171 Summer Intensive: Workshop in Broadway Dance II	1½
DANC 224 Jazz Dance III	1½
DANC 225 Jazz Dance IV	1½
History and Choreography, must complete the following:	
DANC 108 Dance History	3
DANC 135 Choreography	<u>2½</u> <i>[Corrected from 3 to 2 ½ for Addendum]</i>
Electives: Two additional courses from any of the above or from:	
DANC 112 Dancing in America	1½
DANC 119 African Haitian Dance	1½
DANC 121 Popular Dance Styles	1½
DANC 142 Beginning Tap	1½
DANC 161 Beginning Ballroom	1½
DANC 132 Musical Theatre I	1½

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Drama Degree Requirements:

A.A. in Drama

The drama major is offered only at the Kentfield Campus. The Drama Department gives students experience in writing, performing, designing and constructing sets, as well as in costume and makeup. It is an interdisciplinary program involving dance, art, music, and the English disciplines. Students in the program may transfer to four-year institutions or go into television and professional theatre groups.

Please note: Students must complete English 150 to satisfy the Associate degree. Transfer students are advised to complete English 150. All students should consult a counselor.

Requirements	Units	
DRAM 110	Introduction to the Theatre	3
DRAM 150	Introduction to Technical Theatre	3
DRAM 252B	Seminar and Fieldwork Experience	3
Six units to be selected from the following:		
DRAM 116	Survey of Dramatic Literature – Ancient Greek to the Present	3
DRAM 117	Survey of Dramatic Literature – Shakespeare and His Theatre	3
DRAM 119	Theatre Criticism	3
Six units to be selected from the following:		
DRAM 160	Stage Production	1
DRAM 161	Production Preparation – Sets and Properties	<u>1</u> <i>[Corrected from 1 ½ to 1 for Addendum]</i>
DRAM 162	Production Preparation – Costumes	<u>1</u> <i>[Corrected from 1 ½ to 1 for Addendum]</i>
DRAM 163	Production Preparation – Lights and Sound	<u>1</u> <i>[Corrected from 1 ½ to 1 for Addendum]</i>
DRAM 164	Production Crew	<u>1</u> <i>[Corrected from 1 ½ to 1 for Addendum]</i>
DRAM 166	Stage Makeup: Theory and Practice	<u>1</u> <i>[Corrected from 1 ½ to 1 for Addendum]</i>
DRAM 168	Theatre Management	1½
Eight units to be selected from the following:		
DRAM 126	Improvisation for the Theatre	3
DRAM 130	Theory and Practice in Acting I	3
DRAM 134	Acting for Director's Workshop	1
DRAM 137	Stage Combat	½
DRAM 237	Techniques of Audition	½
DRAM 240	Stage Direction	3
Three units to be selected from the following:		
DRAM 125	Stage Movement	2
DRAM 129	Voice for the Stage	1
DANC 132	Musical Theatre Dance I	1½
MUS 181	Voice I	2

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Early Childhood Education Degree Requirements:

**A.S. in Early Childhood Education, Occupational
(Certificate of Achievement awarded. Skills Certificate in Early Childhood Education Core also awarded.)**

To obtain an Associate in Science degree with a major in Early Childhood Education, students need to complete the required courses, as well as general education courses and graduation requirements. A Certificate of Achievement is also awarded (see “Early Childhood Education Certificate of Achievement Requirements”). In addition, a Skills Certificate is earned by satisfactory completion of the required courses. (See “Early Childhood Education Core Skills Certificate Requirements”.)

~~Students who wish to enter the Early Childhood Education Program are advised to call or contact the program coordinator. The coordinator will discuss options for beginning the program and for tailoring individual scheduling needs to the structure of the program. Students who are enrolling in the student teaching practicum courses must meet with the Early Childhood Education Program coordinator, fill out an application, and complete all forms required by the Early Childhood Education Student Teaching Program prior to beginning their student teaching placements. [deleted for Addendum per Peggy Dodge]~~

Please note: Students must complete English 150 to satisfy the Associate degree. Transfer students are advised to complete English 150. All students should consult a counselor.

Requirements	Units	[Unit Values approved effective Fall 2008 and corrected for Addendum]
Recommended Sequence		
First Semester		
ECE 100 Licensing and Permits: Introduction to Childcare Programs	1/2	
ECE 114 Introduction to Early Childhood Education	3	
Recommended elective:		
ECE 101 Introduction to Child Development	3	
Second Semester		
ECE 112 Child, Family, and Community	3	
ECE 115 Introduction to Early Childhood Curriculum	3	
And one ECE elective (see list below)		
Third Semester		
ECE 131 Health, Safety and Nutrition Practices for Young Children	2 1/2	
ECE 280 Early Childhood Education Fieldwork and Seminar I: Beg Practicum in Student Teaching	4 1/2	
ECE 110 Child Development	3	
And one ECE elective (see list below)		
Fourth Semester		
ECE 208 Exploring Cultural Diversity in the Early Childhood Curriculum	3	
ECE 222 Working with Special Needs Children in Early Childhood Classrooms	2	
ECE 281 ECE Fieldwork and Seminar II: Advanced Practicum in Student Teaching	4 1/2	
PSY 114 Psychology of Human Development: Lifespan+	3	
ECE Electives (must complete two electives to fulfill requirements for AS degree)		
ECE 133 Creative Art Curriculum for Young		

		Children	2
ECE	135	Working with Children's Challenging Behavior	2
ECE	137	Emergent Literacy in the Early Childhood Classroom	3
ECE	205	Continuing Experiences in Early Childhood Curriculum	3
ECE	217	Fostering Creativity in the Classroom	2
ECE	218	Caring for the Infant and Toddler	3
ECE	220A	Early Childhood Administration A	3
ECE	220B	Early Childhood Education Administration B	3
ECE	221	Teaching Science to Young Children	2
ECE	224	Working with Parents in Early Childhood Programs	2
ECE	225	Guidance and Limit-Setting in the Early Childhood Classroom	2
ECE	295	Supervising Adults in Early Childhood Programs	2

+ Also fulfills College of Marin graduation requirement

Early Childhood Education Certificate of Achievement

Requirements Units

ECE	100	Licensing and Permits: Introduction to Childcare Programs	1/2
ECE	110	Child Development	3
ECE	112	Child, Family and Community	3
ECE	114*	Introduction to Early Childhood Education	3
ECE	115	Introduction to Early Childhood Curriculum	3
ECE	131	Health, Safety and Nutrition Practices for Young Children	2 3
ECE	208	Exploring Cultural Diversity in the Early Childhood Curriculum	3
ECE	222	Working with Special Needs Children in Early Childhood Classrooms	2
ECE	280	Early Childhood Education Fieldwork and Seminar I: Beg Practicum in Student Teaching	4 3
PSY	114	Psychology of Human Development: Lifespan+	3
ENG	120	Introduction to College Reading and Composition II	3
Or			
ESL	120SL	Introduction to College Reading and Composition II – for Non-Native English Speakers	3

* Early Childhood Education 114 may be waived and one elective taken instead if the student can show proof of recent early childhood classroom experience.

Skills Certificate

Skills Certificates are an acknowledgement that the student has attained a specified set of competencies within an occupational program. Skills Certificates may be part of a “ladder” of skills, beginning with job entry skills and leading to a full Certificate of Achievement program or may constitute a skill set that enables a student to upgrade or advance in an existing career. Skills Certificates require less than 18 units and are shorter in duration than the Certificate of Achievement.

Early Childhood Education Core Skills Certificate

A student who has an Early Childhood Education Core Skills Certificate has completed 9-12 of the units required for the next level of certificate, the Certificate of Achievement in Early Childhood Education. A student who has completed the required courses for the Early Childhood Education Core Skills Certificate has met the coursework requirements of the Department of Social Services to be a teacher in a Title 22 preschool or children’s center. Upon completion of the Early Childhood Education Core Skills Certificate a student would be eligible to apply for the Associate Teacher level of the Child Development permit, issued by the Commission on Teacher Credentialing.

Requirements Units

ECE	101	Introduction to Child Development	3
Or			
ECE	110	Child Development I	3
ECE	112	Child, Family, and Community	3
ECE	114	Introduction to Early Childhood Education	3
ECE	115	Introduction to Early Childhood Curriculum	3

Licensing Coursework Requirements:

The Department of Social Services requires that anyone working in a children’s program as a teacher have at least 12 semester units of coursework in early childhood education, with at least one course in each of the following three subject areas:

1. Child or Human Growth and Development (ECE 101 or 110)
2. Child, Family and Community, or Child-Family Relations (ECE 112)
3. Programs and Curriculum (ECE 114, 115, 120, 132, 133, 134, 135, 137, 205, 208, 217, 218, ~~219~~, 221, 222, 223, 224, 225) *[ECE 219 deleted effective Fall 2008 and corrected for Addendum]*

Child Development Permit Requirements:

The California Department of Education requires that anyone working in a children’s program subsidized by the Child Development Division obtain the appropriate permit from the California Commission on Teacher Credentialing.

1. For Child Development Assistant Teacher Permit: Six units of early childhood education courses.
2. For Child Development Associate Teacher Permit: Twelve units in early childhood education including the core *** courses.
3. For Child Development Teacher Permit: Twenty-four units in early childhood education including the core *** courses, and 16 units in general education ****.
4. For Child Development Master Teacher Permit: Twenty-four units in early childhood education including the core *** courses, and 16 units in general education ****. Two units in adult supervision (ECE 295), and 6 units of specialization in an early childhood education subject area. Alternatives exist for teachers who already have a Bachelor’s degree.
5. For Child Development Site Supervisor Permit: Associate degree with at least 24 units in early childhood education including the core *** courses, 6 units in early childhood education administration (ECE 220A, 220B), 2 units in adult supervision (ECE 295). Alternatives exist for teachers who already have a Bachelor’s degree.
6. For Child Development Program Director Permit: Bachelor’s degree with at least 24 units in early childhood education including the core *** courses, 6 units in early childhood education administration (ECE 220A, 220B), 2 units in adult supervision (ECE 295).

*** Core courses for the Child Development permit include at least one course in each of the following three subject areas:

1. Child or Human Growth and Development (ECE 101 or 110)
2. Child, Family and Community, or Child-Family Relations (ECE 112)
3. Programs and Curriculum (ECE 114, 115, 120, 132, 133, 134, 135, 137, 205, 208, 217, 218, ~~219~~, 221, 222, 223, 224, 225) [ECE 219 deleted effective Fall 2008 and corrected for Addendum]

**** One course in each of the four general education categories, which are degree applicable: English/Language Arts; Math or Science; Social Sciences; Humanities and/or Fine Arts.

pages 189-190:

Humanities Degree Requirements:

A.A. in Humanities

The Humanities Program creates a broad base for the humanities major. The program also allows liberal arts students the opportunity to create an interdisciplinary major based on a particular interest.

Please note: Students are required to complete English 150 for the Associate degree. All students should consult a counselor.

Requirements	Units
Nine units in humanities to be chosen from the following:	
HUM 100A Introduction to Humanities: Ancient Greece to Medieval Period	3
HUM 100B Introduction to Humanities: Renaissance to the Modern Period	3
HUM 114 The Long Search: An Introduction to the World's Religions	3
Or	
HUM 118 Introduction to World Religion	3
HUM 125 Myth, Symbol, and the Arts	3
In addition, nine units to be chosen from the following:	
(Please note: Students may not repeat courses chosen from the humanities courses listed above.)	
Architectural History	
ARCH 100 History of Architecture I	3
ARCH 101 History of Architecture II	3
ARCH 102 History of Architecture III	3
Art History	
ART 101 History of Ancient Art	3
ART 102 History of European Art	3
ART 103 History of Modern Art	3
ART 104 History of Asian Art	3
ART 105 History of Recent American Art	3
ART 106 History of Women Artists	3
ART 107 History of American Art	3
ART 108 Arts of the Americas	3
Or	
ETST 108 Arts of the Americas	3
Or	
HUM 108 Arts of the Americas	3
Dance History	
DANC 108 Dance History: Dancing – The Pleasure,	

	Power, and Art of Movement	3	
Film History and Criticism			
HUM 109A	History of Film: Beginning to 1950	4	
	Or		
COMM109A	History of Film: Beginning to 1950	4	
HUM 109B	History of Film: 1950 to Present	4	
	Or		
COMM109B	History of Film: 1950 to Present	4	
History of Theatre			
DRAM 110	Introduction to the Theatre	3	
DRAM 116	Survey of Dramatic Literature: Ancient Greek to the Present	3	
DRAM 117	Survey of Dramatic Literature: Shakespeare and His Theatre	3	
Humanities			
HUM 100A	Introduction to Humanities: Ancient Greece to Medieval Period	3	
HUM 100B	Introduction to Humanities: Renaissance to the Modern Period	3	
HUM 107	Humanities through the Arts	3	
HUM 114	The Long Search: An Introduction to the World's Religions	3	
	Or		
HUM 118	Introduction to World Religion	3	
HUM 125	Myth, Symbol, and the Arts	3	
Literature			
ENGL 212	Introduction to Poetry	3	
ENGL 218	The American Short Story	3	
ENGL 219	Voices and Visions	3	
ENGL 220	Detective Fiction	3	
ENGL 221	Survey of American Literature	3	<i>[deleted for Addendum]</i>
<u>ENGL 221A</u>	<u>Survey of American Literature I</u>	<u>3</u>	<i>[added for Addendum]</i>
<u>ENGL 221B</u>	<u>Survey of American Literature II</u>	<u>3</u>	<i>[added for Addendum]</i>
ENGL 222	Survey of English Literature I	3	
ENGL 223	Survey of English Literature II	3	
ENGL 224	Survey of World Literature I	3	
ENGL 225	Survey of World Literature II	3	
ENGL 230	Survey of Shakespeare	3	
ENGL 235	Women in Literature	3	
Music History			
MUS 101	Introduction to Classical Music	3	
Philosophy			
PHIL 110	Introduction to Philosophy	3	
PHIL 111	Introduction to Philosophy	3	
PHIL 117	History of Philosophy: Late Modern to Contemporary	3	

pages 204-205:

Medical Assisting Degree Requirements:

A.S. in Medical Assisting: Administrative and Clinical Option Occupational

(Certificates of Achievement also awarded. Skills Certificates in Medical Terminology, MediSoft, and Phlebotomy are available.)

The Associate in Science degree is awarded for completion of all requirements, as well as the completion of general education and graduation requirements. The Certificate of Achievement is awarded for completion of the program requirements as shown in the following list. No program application procedure is required, however it is advisable to see a counselor. Students may enter in the fall or spring semester. Those currently working in the health care field may receive consent to enroll in selected courses on a pass/no pass basis.

Please note: Students must complete English 150 to satisfy the Associate degree. Transfer students are advised to complete English 150. All students should consult a counselor.

Requirements	Units
BOS 76* Electronic Ten-Key Calculating Machines	1
BOS 120** Computer Keyboarding	1
MEDA 110 Administrative Medical Office Procedures	2
MEDA 110L Administrative Medical Office Procedures Laboratory	1
MEDA 120 Medical Terminology I	3
MEDA 121 Medical Terminology II	3
MEDA 125 Medical Financial Procedures	1
MEDA 125L Medical Financial Procedures Laboratory	1
MEDA 126 Medical Office Computers – MediSoft	2
MEDA 126L Medical Office Computers – MediSoft Laboratory	½
MEDA 135 Clinical Procedures I	2
MEDA 135L Clinical Procedures I Laboratory	1½
MEDA 136 Medical Laboratory Procedures	2½
MEDA 136L Medical Laboratory Procedures Laboratory	1
MEDA 145 Holistic Health, Disease, and Research	2
MEDA 145 Understanding Human Diseases	2
MEDA 150 Pharmacology for Medical Assistants	1½
MEDA 210L*** Clinical Externship	2½
In addition, select three units from the following list:	
BOS 44+ Skill Building for Keyboarders	1
CIS 110 Introduction to Computer Information Systems	3
CIS 101 Introduction to Personal Computers and Operating Systems	1½
CIS 117 Introduction to Database Design and Programming	1½
CIS 118 Introduction to Spreadsheet Design	1½
CIS 126 Introduction to Windows	1½

[Course title corrected for Addendum]

* This is a self-paced course that may be waived by passing a proficiency test and is applied toward the Certificate of Achievement only.

** 40 wam proficiency required. Proof of proficiency must be submitted to the Admissions and Records Office for graduation. Course can be taken four times.

*** *Clinical Externship – prerequisites: MEDA 110, 110L, 135, 135L, and 120 or 121 must be completed.*
 + *Applied toward the Certificate of Achievement only.*

A.S. in Medical Assisting: Administrative Option, Occupational (Certificates of Achievement also awarded.)

The Associate in Science degree is awarded for completion of all requirements, as well as the completion of general education and graduation requirements. The Certificate of Achievement is awarded for completion of the program requirements as shown in the following list.

No program application procedure is required, however it is advisable to see a counselor. Students may enter in the fall or spring semester. Those currently working in the health care field may receive consent to enroll in selected courses on a pass/no pass basis.

Please note: Students must complete English 150 to satisfy the Associate degree. Transfer students are advised to complete English 150. All students should consult a counselor.

Requirements	Units
BOS 76* Electronic Ten-Key Calculating Machines	1
BOS 120** Computer Keyboarding	1
MEDA 110 Administrative Medical Office Procedures	2
MEDA 110L Administrative Medical Office Procedures Laboratory	1
MEDA 120 Medical Terminology I	3
MEDA 121 Medical Terminology II	3
MEDA 125 Medical Financial Procedures	1
MEDA 125L Medical Financial Procedures Laboratory	1
MEDA 126 Medical Office Computers – MediSoft	2
MEDA 126L Medical Office Computers - MediSoft Laboratory	½
MEDA 210L*** Clinical Externship	2½
In addition, select three units from the following list:	
BOS 44+ Skill Building for Keyboarders	1
CIS 110 Introduction to Computer Information Systems	3
CIS 101 Introduction to Personal Computers and Operating Systems	1½
CIS 117 Introduction to Database Design and Programming	1½
CIS 118 Introduction to Spreadsheet Design	1½
CIS 126 Introduction to Windows	1½

* *This is a self-paced course that may be waived by passing a proficiency test and is applied toward the Certificate of Achievement only.*

** *40 wam proficiency required. Proof of proficiency must be submitted to the Admissions and Records Office for graduation. Course can be taken four times.*

*** *Clinical Externship – prerequisites: MEDA 110, 110L, and 120 or 121 must be completed.*
 + *Applied toward the Certificate of Achievement only.*

A.S. in Medical Assisting: Clinical Option, Occupational (Certificates of Achievement also awarded.)

The Associate in Science degree is awarded for completion of all requirements, as well as the completion of general education and graduation requirements. The Certificate of Achievement is awarded for completion of the program requirements as shown in following list.

No program application procedure is required; however it is advisable to see a counselor. Students may enter in the fall or spring semester. Those currently working in the health care field may receive consent to enroll in selected courses on a credit/no credit grade basis.

Please note: Students must complete English 150 to satisfy the Associate degree. Transfer students are advised to complete English 150. All students should consult a counselor.

Requirements	Units
MEDA 120 Medical Terminology I	3
MEDA 121 Medical Terminology II	3
MEDA 135 Clinical Procedures I	2
MEDA 135L Clinical Procedures I Laboratory	1½
MEDA 136 Medical Laboratory Procedures	2½
MEDA 136L Medical Laboratory Procedures Laboratory	1
MEDA 145 Holistic Health, Disease, and Research	2 <i>[Course title corrected for Addendum]</i>
MEDA 145 Understanding Human Diseases	2
MEDA 150 Pharmacology for Medical Assistants	1½
MEDA 210L*** Clinical Externship	2½
In addition, select three units from the following list:	
BOS 44+ Skill Building for Keyboarders	1
BOS 120 Computer Keyboarding	1
CIS 110 Introduction to Computer Information Systems	3
CIS 101 Introduction to Personal Computers and Operating Systems	1½
CIS 117 Introduction to Database Design and Programming	1½
CIS 118 Introduction to Spreadsheet Design	1½
CIS 126 Introduction to Windows	1½
MEDA 126 Medical Office Computers – MediSoft	2
MEDA 126L Medical Office Computers – MediSoft Laboratory	½

* This is a self-paced course that may be waived by passing a proficiency test and is applied toward the Certificate of Achievement only.

** 40 wam proficiency required. Proof of proficiency must be submitted to the Admissions and Records Office for graduation. Course can be taken four times.

*** Clinical Externship – prerequisites: MEDA 135, 135L, and 120 or 121 must be completed.

+ Applied toward the Certificate of Achievement only.

Skills Certificates

Skills Certificates are an acknowledgement that the student has attained a specified set of competencies within an occupational program. Skills Certificates may be part of a “ladder” of skills, beginning with job entry skills and leading to a full Certificate of Achievement program or may constitute a skill set that enables a student to upgrade or advance in an existing career. Skills Certificates require less than 18 units and are shorter in duration than the Certificates of Achievement.

Medical Terminology Skills Certificate

The certificate provides the student with knowledge of the fundamental language necessary for health courses.

Requirements

MEDA 120	Medical Terminology I	3 units
MEDA 121	Medical Terminology II	3 units

MediSoft Skills Certificate

The certificate is awarded to the student upon successful completion of the three courses. The courses provide a working knowledge of and practice with using medical office software.

Requirements

CIS 110	Introduction to Computer Information Systems	3 units
MEDA 126	Medical Office Computers-MediSoft	2 units
MEDA 126L	Medical Office Computers-MediSoft Laboratory	½ unit

~~**Phlebotomy Skills Certificate**~~ *[not offered for Spring 2010; deleted for Addendum]*