

2013-14 Catalog Addendum Summary/Table of Contents

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Addendum to the 2013-14 Catalog

The Academic Renewal Policy as stated contains errors. The policy is currently under review.

Academic Renewal Policy

Any substandard course work (i.e. D+, D, D-, F, NP) which is not reflective of the student's current demonstrated scholastic ability may be alleviated and disregarded in the computation of the grade point average under the following three conditions:

1. A period of at least one year must have elapsed since the course work to be alleviated was completed; and
2. A student seeking alleviation must have met one of the unit/grades benchmarks listed below:
 - Completed 9 units of course work with a cumulative grade point average of at least 3.5, or
 - Completed 15 units of course work with a cumulative grade point average of 3.0, or
 - Completed 21 units of course work with a cumulative grade point average of 2.5, or
 - Completed 24 units of course work with a cumulative grade point average of 2.0.
3. The substandard course work to be alleviated must have been taken at Cañada College, College of San Mateo, or Skyline College. However, the course work on which the application for academic renewal is based may be completed at any college or university accredited by the Western Association of Schools and Colleges or equivalent agency.

To request Academic Renewal, a student must file a formal petition with the Office of Admissions and Records. The petition is available to download from collegeofsanmateo.edu/forms. When academic course work is alleviated from the computation of the grade point average, the student's permanent record shall be properly annotated in a manner to ensure that all entries are legible, providing a true and complete academic history.

Replaces C-ID Number Grid on page 52

Course Identification Numbering System (C-ID)

The Course Identification Numbering System (C-ID) is a statewide numbering system independent from numbers assigned to courses by local California community colleges.

A C-ID number next to a course signals that the course is comparable in content and scope to all courses with the same C-ID course number, regardless of their unique titles or local course numbers. The C-ID designation is used to identify comparable courses at different community colleges. However, courses with same C-ID numbers do not necessarily carry the same transfer articulation. Always use www.assist.org to confirm how each colleges' courses will be accepted at a CSU or UC campus.

The C-ID numbering system is useful for students attending more than one community college. It is also an important part of the Associate Degrees for Transfer (SB 1440 degrees: AA-T, AS-T). All AA/AS-T degrees include course requirements that are part of the C-ID system. As you review the chart below be advised that courses are being added to the CSM C-ID list on an ongoing basis. Conditional C-ID course approvals are listed below and are noted with a “*”. Conditional approvals are those courses with “temporary” approval and the College is attempting to secure permanent approval.

More information is available at www.c-id.net. This grid was updated 01/13/2014.

College of San Mateo Course	C-ID Number
Accounting 121	ACCT 110
Accounting 131	ACCT 120 * conditional
Administration of Justice 100	AJ 110
Administration of Justice 102	AJ 200
Administration of Justice 104	AJ 120
Administration of Justice 106	AJ 124
Administration of Justice 108	AJ 160
Administration of Justice 120	AJ 140
Administration of Justice 125	AJ 220
Administration of Justice 185	AJ 150
Business 100	BUS 110 * conditional
Business 295	BUS 140
Chemistry 231	CHEM 150
Chemistry 231 & 232	CHEM 160S
Communication Studies 110	COMM 110 * conditional
Communication Studies 130	COMM 130 * conditional
Communication Studies 140	COMM 140 * conditional
Communication Studies 150	COMM 150
Communication Studies 170	COMM 170
Computer Information Systems 110	IT IS 120
Computer Information Systems 255	COMP 122 * conditional
Computer Information Systems 256	COMP 132 new
Computer Information Systems 278	COMP 122 * conditional
Computer Information Systems 279	COMM 132 new
Digital Media 100	JOUR 100 new
English 100	ENGL 100
English 110	ENGL 120
English 161	ENG 200 new
English 165	ENGL 105
Geography 100	GEOG 110

Geography 110	GEOG 120 * conditional expired
Geography 150	GEOG 125
Geology 100	GEOL 100 new
Geology 101	GEOL 100L
History 101	HIST 180 new
Kinesiology 101	KIN 100
Literature 201	ENGL 130
Literature 202	ENGL 135
Literature 231	ENGL 160 new
Literature 232	ENGL 165 new
Music 101	MUS 125
Music 102	MUS 135
Music 103	MUS 145
Paleontology 110	GEOL 110
Paleontology 111	GEOL 110L new
Philosophy 100	PHIL 100 * conditional expired
Physics 210 & 220	PHYS 100S
Physics 210	PHYS 105
Physics 220	PHYS 110
Physics 250	PHYS 205
Physics 260	PHYS 210
Physics 270	PHYS 215
Psychology 100	PSY 110
Psychology 120	PSY 200 *conditional - deadline 6/2014
Psychology 121	SOCI 125
Psychology 200	PSY 180
Psychology 300	PSY 170 new
Sociology 121	SOCI 120
Sociology 340	PSY 130

This major is an addition that follows the Art program requirements on page 81

ASTRONOMY

Meet with a CSM counselor to discuss how to achieve academic goals and to develop a comprehensive student educational plan (SEP).

University Transfer Program 60– 70 transferable units

California State University
University of California
Independent Colleges and Universities

CA Certificate of Achievement

Astroimaging and Observatory Operation (AOOC) . . .27–31 units

University Transfer Program

Use Assist (www.assist.org) to identify lower division major preparation for the California State University and the University of California systems. For independent or out-of-state colleges and universities use their catalogs to locate this information. Transfer Services can assist you to gather this information.

CA Astroimaging and Observatory Operation (AOOC)

At the heart of astronomy research are observatory operations and astroimaging techniques. Observatories all around the world are in need of technicians who can fulfill those tasks. Yet there are not many institutions that can provide the necessary training for such technicians. The College of San Mateo Astronomy Department, with its roll-off-roof observatory, containing a wide selection of refracting and reflecting telescopes, as well as various imaging instrumentation, provides the training for students, who would like to pursue such a career. The students' training is enriched by access to a well-equipped forty-foot domed, state-of-the-art planetarium, along with a dedicated faculty and staff, active in astronomical research. This program is designed to introduce the students to the operation of various telescopes and to the implementation of important astroimaging techniques such as spectroscopy and photometry, along with sophisticated software to process images. While the learning of the techniques is hands-on, the underlying principles are emphasized. Furthermore, this certificate program is designed such that students can, with a slight modification, apply the course load of this program toward higher degrees in astronomy or astrophysics.

27-31 semester units

A grade of "C" or higher is required for each course applied to the certificate.

Astronomy requirements:

- ASTR 100 Introduction to Astronomy 3 units
- ASTR 101 Astronomy Laboratory 1 unit
- ASTR 103 Observational Astronomy Lab 1 unit
- ASTR 125 Stars and Galaxies 3 units
- ASTR 200 Introduction to Astrophysics 3 units
- ASTR 203 Astroimaging Techniques 4 units
- ASTR 204 Application of Astroimaging Techniques. 4 units

Physics requirements:

- PHYS 210 General Physics I. OR
- PHYS 250 Physics with Calculus I. 4 units
- PHYS 220 General Physics II. OR
- PHYS 270 Physics with Calculus III 4 units

*Students planning to pursue an undergraduate degree in Physics, Astronomy or Astrophysics should take PHYS 250 and 270

Mathematics requirements:

- MATH 130 Analytic Trigonometry 4 units
- Or placement in Math 222 or Math 251

(MATH 130 is sufficient for students who plan to take PHYS 210 and 220. Students who plan to take PHYS 250 and 270 will also need MATH 222, 251, 252, and 253.)

This degree is an addition to the English major on page 110

AA-T **AA-T Major in English**

The AA-T major in English prepares students for transfer into bachelor's degree programs in English and similar areas. With a bachelor's degree or advanced degree, careers include positions as advertising copy writer or manager, columnist/journalist, editor, educator, freelance writer, information specialist, lexicographer, librarian, media planner, novelist, poet, public relations officer, publisher, radio/television announcer, reporter, researcher, technical writer, and writing consultant. Additional career opportunities include business administrator, civil servant, clergy member, foreign service officer, fund raiser, insurance examiner, legislative assistant, and program developer.

Major requirements: 18 semester units.

Complete CSU General Education and major requirements as noted below. A grade of "C" or higher is required for each course applied to the major. Major course requirements may also be applied to meet general education requirements.

Required Core (6 units):

ENGL 110 Composition, Literature & Critical Thinking 3 units
ENGL 165 Advanced Composition 3 units

List A: Any two courses from the following (6 units)

LIT 201 American Literature I 3 units
LIT 202 American Literature II 3 units
LIT 231 Survey of English Literature I 3 units
LIT 232 Survey of English Literature II 3 units

List B: Any one course from the following, or any List A course not used above, or any English course articulated for preparation for the English major at any CSU (3 units)

Any List A course not used above 3 units
LIT 101 Twentieth-Century Literature 3 units
LIT 105 The Bible as Literature 3 units
LIT 113 The Novel 3 units
LIT 151 Shakespeare 3 units
LIT 430 Greek Mythology and Classical Literature 3 units
ENGL 161 Creative Writing I 3 units

List C: Any one course from the following or any course from List A or B not used above or any CSU transferable English course (3 units):

ENGL 100 Composition and Reading 3 units
ENGL 162 Creative Writing II 3 units
ENGL 163 Creative Writing III 3 units
LIT 115 The Short Poem in English: A Survey 3 units
LIT 220 Introduction to World Literature 3 units
LIT 277 Film and Literature 3 units
SPAN 110 Elementary Spanish 5 units
SPAN 111 Elementary Spanish I 3 units
SPAN 112 Elementary Spanish II 3 units

SPAN 120 Advanced Elementary Spanish 5 units
SPAN 121 Advanced Elementary Spanish I 3 units
SPAN 122 Advanced Elementary Spanish II 3 units
SPAN 131 Intermediate Spanish I 3 units
SPAN 132 Intermediate Spanish II 3 units
SPAN 140 Advanced Intermediate Spanish 3 units
CHIN 111 Elementary Chinese I 3 units
CHIN 112 Elementary Chinese II 3 units
CHIN 121 Advanced Elementary Chinese I 3 units
CHIN 122 Advanced Elementary Chinese II 3 units
CHIN 131 Intermediate Chinese I 3 units
CHIN 132 Intermediate Chinese II 3 units
BUS 401 Business Communications 3 units
COMM 170 Oral Interpretation I 3 units
COMM 171 Oral Interpretation II 3 units

General Education:

Select courses to complete CSU General Education OR IGETC for CSU. This degree does not require the CSM AA/AS General Education pattern on pages 67 and 68 of the 2013-14 Catalog.

CSU-GE:

Area A1 Oral Communication 3 units
Area A2 Written Communication 3 units
Area A3 Critical Thinking 3 units
Area B1 Physical Science 3 units
Area B2 Life Science 3 units
Area B3 Science Lab 1 unit
Area B4 Math Concepts 3 units
Area C1 Arts 3 units
Area C2 Humanities 3 units
Area C1 or C2 3 units
Area D Social, Political, and Economic Institutions 9 units
Area E Lifelong Understanding 3 units
OR

IGETC/CSU:

Area 1A English Composition 3 units
Area 1B Critical Thinking/Composition 3 units
Area 1C Oral Communication 3 units
Area 2 Math Concepts 3 units
Area 3A Arts 3 units
Area 3B Humanities 3 units
Area 3A or 3B 3 units
Area 4 Social and Behavioral Science 9 units
Area 5A Physical Science 3 units
Area 5B Biological Science 3 units
Area 5C Science Lab - Either 5A or 5B must be a lab course . 1 unit

Replaces Music major on pages 128-130

MUSIC

Meet with a CSM counselor to discuss how to achieve academic goals and to develop a comprehensive student educational plan (SEP).

University Transfer Program 60 – 70 transferable units

California State University
University of California
Independent Colleges and Universities

AA Associate in Arts Degree

Music 60 units
Electronic Music 60 units

CA Certificate of Achievement

Electronic Music 22 units

University Transfer Program

Use Assist (www.assist.org) to identify lower division major preparation for the California State University and the University of California systems. For independent or out-of-state colleges and universities use their catalogs to locate this information. Transfer Services can assist you to gather this information.

The College of San Mateo provides a creative environment where every student may become enriched through an active association with the art of music and a faculty who are active in the music profession. The Music Department at College of San Mateo places strong emphasis upon performance as well as composition in both traditional and electronic media. At the same time, the department offers the general student enhanced understanding and appreciation of all forms of music. Through this two-fold approach, the department's purpose becomes clear: to promote excellence in all aspects of music performance and academic course work, to provide basic preparation for careers in music, and to promote interest in all music and artistic endeavors at the College and in the Bay Area community.

Career opportunities include accompanist; arranger; composer; conductor; critic; band, orchestra or recording musician; lyricist, performing instrumentalist or vocalist; music director (radio station); private music instructor; music producer; music publisher; music therapist; night-club/restaurant entertainer; recording engineer; and teacher/professor. Additional career possibilities include choir director, music librarian, music minister, piano tuner, professional manager, recreation specialist, and soloist.

AA Music

Upon completion of degree requirements, students will be able to:

1. Demonstrate proficiency in aural skills such as sight-singing, rhythmic execution, harmonic, melodic and rhythmic dictation.
2. Perform advanced analysis on the melodic, harmonic and formal components of written music from the common practice period.
3. Create derivative and/or original music in 4-voice chorale style consistent with common practice period voice leading norms.
4. Demonstrate basic proficiency in keyboard skills including scales, basic chord progressions, sight-reading and repertoire appropriate to graduating first year piano students.
5. Demonstrate proficiency on an instrument or voice that enables self-expression and musical communication.

Complete General Education and other requirements listed for the Associate degree and

Major requirements: 31–35 semester units

A grade of "C" or higher is required for each course applied to the major.

Keyboard Proficiency Requirement for the major. See information below.

Theory and Musicianship Core, 24 units:

1st Semester (Fall Only):

MUS 131 Harmony I 3 units
MUS 101 Musicianship. 3 units

2nd Semester (Spring Only):

MUS 132 Harmony II 3 units
MUS 102 Musicianship II 3 units

3rd Semester (Fall Only):

MUS 133 Harmony III. 3 units
MUS 103 Musicianship III 3 units

4th Semester (Spring Only):

MUS 134 Harmony IV 3 units
MUS 104 Musicianship IV 3 units

Ensemble Requirements, four courses of ensemble; 4–8 units, select from the following courses:

MUS 231 Afro-Latin Percussion Ensemble I. 2 units
MUS 232 Afro-Latin Percussion Ensemble II. 2 units
MUS 233 Afro-Latin Percussion Ensemble III. 2 units
MUS 234 Afro-Latin Percussion Ensemble IV. 2 units
MUS 424 Small Jazz Ensembles 2 units
MUS 425 Contemporary Jazz Combo 2 units
MUS 429 Wind Ensemble 1.5 units
MUS 430 Symphonic Band 1 unit
MUS 454 Jazz Workshop Big Band. 1.5 units
MUS 455 Jazz Ensemble 1 unit

History Requirements, 3 units, select one from the following:

- MUS 202 Music Listening and Enjoyment 3 units
- MUS 250 World Music 3 units
- MUS 275 History of Jazz 3 units

Keyboard Proficiency Requirement:

To confirm keyboard proficiency for the music major, a student must complete either #1 or #2 below.

1. Pass a keyboard proficiency exam given by a music faculty.
2. Successfully complete MUS. 301 and MUS. 302

Recommended additional courses:

Music Technology:

- MUS 290 Electronic Music I 3 units

Piano (dependent on level), select from the following:

- MUS 301 Piano I 2 units
- MUS 302 Piano II 2 units
- MUS 303 Piano III 2 units
- MUS 304 Piano IV 2 units

History, select from the following:

- MUS 202 Music Listening and Enjoyment 3 units
- MUS 250 World Music 3 units
- MUS 275 History of Jazz 3 units

AA *Electronic Music*

The Electronic Music major combines the areas of music, electronics and computer science, with a primary emphasis on music. The Electronic Music major is designed for students who intend to transfer to baccalaureate institutions; however, upon completion of the Associate degree in this discipline, many individuals start their own electronic music studios, where they record music for videos, films, or individual artists, as well as compose their own music on electronic instruments. Completion of a Bachelor’s degree in Electronic Music expands career opportunities to include performer, producer, recording engineer, and sound engineer. Software companies also hire Electronic Music graduates to develop and test new electronic equipment ranging from synthesizers to software packages.

Carer opportunities include performer, producer, recording engineer, sound designer and sound engineer.

Upon completion of degree requirements, students will be able to:

1. Compose, produce, record and mix original electronic music pieces using various electronic music technologies and techniques.
2. Design original sounds using analog synthesis, digital synthesis and sampling.
3. Create and synchronize original sound effects, Foley, music and dialogue to visuals.
- 4 Analyze the compositional elements, production qualities and musical aesthetics of their own works and the works of other electronic musicians, producers and composers.

Complete General Education and other requirements listed for the Associate degree and

Major requirements: 22 semester units

A grade of "C" or higher is required for each course applied to the major.

- MUS 290 Electronic Music I 3 units
- MUS 291 Electronic Music II 3 units
- MUS 292 Sound Creation: Sampling and Synthesis 3 units
- MUS 293 Audio for Visual Media 3 units

Plus, select 6 units from the following courses:

- *MUS 101 Musicianship I 3 units
AND
- *MUS 131 Harmony I 3 units
OR
- MUS 102 Musicianship II 3 units
AND
- MUS 132 Harmony II OR
- MUS 103 Musicianship III 3 units
AND
- MUS 133 Harmony III OR
- MUS 104 Musicianship IV 3 units
AND
- MUS 134 Harmony IV 3 units

*Recommended preparation for students who do not read music:
MUS 100: Fundamentals of Music

Plus, select 2 units from the following courses:

- MUS 301 Piano I 2 units
- MUS 302 Piano II 2 units
- MUS 303 Piano III 2 units
- MUS 304 Piano IV 2 units

Plus, select 3 units from the following courses:

- MUS 202 Music Listening and Enjoyment 3 units
- MUS 250 World Music 3 units
- MUS 275 History of Jazz 3 units

CA **Electronic Music**

The Electronic Music Program combines the areas of music, electronics and computer science, with a primary emphasis on music. The Electronic Music Certificate is designed for students who intend to start their own electronic music studios where they may record music for videos, films, or individual artists, as well as compose and produce their own music on electronic instruments. Completion of a Certificate in Electronic Music expands career opportunities to include performer, producer, recording engineer, sound designer and sound engineer.

Career opportunities include performer, producer, recording engineer, sound designer and sound engineer.

Upon completion of degree requirements, students will be able to:

1. Compose, produce, record and mix original electronic music pieces using various electronic music technologies and techniques.
2. Design original sounds using analog synthesis, digital synthesis and sampling.
3. Create and synchronize original sound effects, Foley, music and dialogue to visuals.
4. Analyze the compositional elements, production qualities and musical aesthetics of their own works and the works of other electronic musicians, producers and composers.

22 semester units

For gainful employment information, see the program's website: collegeofsanmateo.edu/gedi/docs/mus-ca-electronicmusic.pdf

Complete major requirements listed under Associate in Arts – Major in Electronic Music. A grade of “C” or higher is required for each course applied to the certificate.