This addendum to the 2013-14 American River College Catalog contains important changes and additions. This addendum was updated after the 2013-2014 American River College Catalog went to press in March.

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AMERICAN RIVER COLLEGE
4700 College Oak Drive
Sacramento, CA 95841
(916) 484-8011
www.arc.losrios.edu
Los Rios Community College District
REGULATIONS ON COURSE REPETITION AND REPEATABILITY

(additional information for limitations on active participatory courses listed on page 27 in the College Catalog 2013-2014)

Beginning in summer 2013, new state regulations have eliminated community college students’ ability to take certain active participatory courses more than one time. Active participatory courses are those courses where individual study or group assignments are the basic means by which learning objectives are obtained and include courses in physical education (PE/kinesiology), and visual and performing arts (theatre arts, music, and art). Therefore, if students attempt to enroll in a course that they have already completed at any college in Los Rios with a grade notation of A, B, C, CR (credit) or P (pass), the students will be sent a notice that they have been removed from the course and cannot re-enroll in the same course at any Los Rios college.

Some active participatory courses have been put into groups based on similar content. For a list of these courses go to www.losrios.edu/familycrse.php. For example a group could consist of the following courses: Tennis I, Tennis II, Tennis III, Tennis IV, and Doubles Tennis. Students may take a total of 4 courses in a group at any Los Rios college. Once students have completed 4 courses in a group, they will not be allowed to take any other courses in that same group at any Los Rios college. Note: Although groups may have more than 4 courses, students may only take a total of 4 courses from the same group. Students who completed 1 or more courses in the same group prior to summer 2014 will have those courses count toward the total 4 allowable courses. For purposes of the 4 course limit within a group, each A, B, C, D, F, CR, P, NC (no credit), NP (no pass), or W (withdrawal) grade notation counts toward the 4 course limit.
American River College grants the degree of Associate in Arts or Associate in Science. Requirements for the degree conform to the laws and regulations of the California Community Colleges Board of Governors and the Los Rios Community College District Board of Trustees.

Students may graduate from American River College with the Associate in Arts or the Associate in Science Degree by fulfilling the following five (5) requirements:

1. Satisfactory completion of 60 units of collegiate work (excluding 200 – 299 numbered courses taken Fall 1989 – Spring 2003, 1-99 numbered courses & courses numbered 1,000 or higher taken after Spring 2003) with a C (2.0) grade point average in a curriculum that the district accepts toward the degree. At least 12 of the 60 units must be earned at American River College.

2. Major: Complete a two-year Major Program of Study offered at American River College (Minimum 18 units). Courses used to complete major requirements must be completed with a grade of ‘C’ or better.

3. Completion of ARC’s general education requirements with a minimum GPA of 2.0 in courses used for general education (21 unit minimum) or possession of a Baccalaureate Degree or higher from a *regionally accredited college or university in the U.S.

4. All students who wish to receive an A.A. or A.S. degree from American River College must demonstrate competency in writing, reading and mathematics as listed below.

5. Students are held to the graduation requirements in place when they begin college as long as they maintain their catalog rights.

A. WRITTEN EXPRESSION COMPETENCY is satisfied by the following:

   a. Complete with a C or better in one of the following courses BUS 310; ENGWR 300, 480; ESLW 340.
   b. Complete an equivalent college writing course taken at a *regionally accredited college in the U.S. with a grade of C or better.
   c. Possession of an BA/BS or higher from a *regionally accredited college in the U.S.

B. READING COMPETENCY is satisfied by one of the following:

   a. Complete with a C or better of one of the following courses: ENGRD 310, 312; ESLR 340.
   b. Complete with a C or better of an equivalent college level reading course at a *regionally accredited college in the U.S.
   c. Possess an AA/AS or higher from a *regionally accredited college in the U.S.
   d. Achieve a qualifying score on a college level reading examination administered by a Los Rios Assessment Center. Only 2 attempts are permitted district-wide on this test.

C. MATHEMATICS COMPETENCY is satisfied by one of the following:

   a. Complete one of the following with a C or better: MATH 110, 120, 124, 125, 129, 133, 300, 310, 320, 325, 330, 336, 340, 342, 344, 350, 351, 370, 400, 401, 402, 410, 420; PHIL 324; PSYC 330; STAT 300, 305
   b. Complete an equivalent course with a C or better at a *regionally accredited college in the U.S.
   c. Obtain a satisfactory score on a Los Rios Math Competency Test.
   d. Possess a BA/BS or higher from a *regionally accredited college in the U.S.

The graduation competencies listed apply only to those students who first enrolled in this college on or after Fall 2012. Students who have catalog rights that predate Fall 2012 may satisfy the graduation competencies pursuant to their catalog rights.
I. Humanities – One course from the following (3 units minimum):

<table>
<thead>
<tr>
<th>Course</th>
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II. Language & Rationality – Two courses (6 units minimum):

<table>
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<tr>
<th>Course</th>
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III. Living Skills – (3 units minimum):

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<th>Course</th>
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IV. Natural Science – One course from the following (3 units minimum):

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>ART 300, 303, 480; ASTR 300, 310, 320, 330; BIOL 102, 103, 115, 116, 300, 303, 305, 310, 352, 370, 400, 430, 431, 482; CHEM 305, 309, 310, 334, 400; ENERGY 303; ET 303; FT 304; GEOG 300, 305, 306, 307, 308; GEOL 300, 305, 310, 320, 325, 330, 342, 345; HED 300; HORT 300; MATH 310, 312, 320, 330, 332; MATH 315; NUTRI 300*, 302*, 305; PSYC 340, 342, 354, 356, 358, 359, 370*, 378, 379, 390, 400, 481; SOC 335*; SPEECH 321; WELD 150; all ARC courses numbered 198, 298 &amp; 498</td>
</tr>
</tbody>
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V. Social & Behavioral Sciences – (6 units minimum):

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>ART 300, 312, 320, 322, 324, 339, 430, 440; ARTH 300, 302, 308, 310, 320, 333, 334; ARTPH, 300, 340; ECE 361, 363; ENGLT 304, 308, 310, 311, 320, 321, 327, 338, 340, 341, 343, 346, 364*, 365*, 367, 373, 480*, 481*, 494; HUM 300; IDES 310; JOUR 310, 320; LIBR 310, 318, 325; MATH 315; NUTRI 300*, 302*, 305; PSYC 340, 342, 354, 356, 358, 359, 370*, 378, 379, 390, 400, 481; SOC 335*; SPEECH 321; WELD 150; all ARC courses numbered 198, 298 &amp; 498</td>
</tr>
</tbody>
</table>

VI. Ethnic/Multicultural Studies – (3 units minimum):

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ART 300*, 302*, ANTH 310*, 315*, 320*, 325*, 327, 330*, 483, 484; POLS 301, 481</td>
</tr>
</tbody>
</table>

Note:
* Courses appearing in more than one category may be used to satisfy only one category.
# These multicultural courses can also satisfy general education category requirements.
CSU GE pattern

Check with your ARC counselor before choosing whether to complete the CSU General Education (GE) Pattern or the Intersegmental General Education Transfer Curriculum (IGETC) on the following pages.

Requirements for the Bachelor’s Degree

The degree requirements at a California State University (CSU) consist, in general, of: (1) the general education requirements; (2) the major requirements; (3) individual campus graduation requirements, and (4) state law requirements. These requirements are classified in two levels: lower division and upper division. Students may transfer a maximum of 70 lower division semester units which may involve preparation for the major and all of the lower division in the general education pattern while attending American River College.

General education requirements 2012-2013

To be eligible for graduation with a Bachelor’s Degree from a California State University, students must complete a minimum of 48 semester units of general education. At least 9 units must be upper division courses completed at the four year university American River College will certify completion of 39 lower division general education units for students if they follow the pattern outlined below. It is important that students complete the required courses for their major, or courses that prepare them for their major, prior to transfer; 60 transferable semester units are needed for a student to transfer with junior standing.

Advanced Placement (AP), College Level Examination Program (CLEP), and International Baccalaureate (IB) examinations are appropriate for inclusion on the CSU GE certification pattern. Charts denoting how these tests meet CSU GE requirements can be viewed at: http://www.arc.losrios.edu/Support_Services/Articulation/APIBCLEP.htm

NOTE: Students must meet with a counselor in order to have their CSU General Education certified prior to transfer.

2013-2014 California State University (CSU) General Education Pattern

The following American River College courses meet CSU lower division general education requirements:

A. English Language Communication and Critical Thinking (9 units minimum, 1 course from each area.)

| A1 (one course) | SPEECH 301, 331, 361 |
| A2 (one course) | ENGWR 300, 480; ESLW 340 |
| A3 (one course) | ENGRD 310, ENGWR 301, 302, 481, 482; ESL 350; PHIL 320; SPEECH 302, 311 |

B. Scientific Inquiry and Quantitative Reasoning (9 units minimum, 1 course from each area.)

| B1 (one course) | ASTR 300, 310, 320, 330; CHEM +305, +309, +400, +401, +423; GEOG 300, 305, 306, 307, 308; GEOL 300, 305, 310, 320, 325, 330, 342, 345; PHYS 310, 311, +350, +360, +410; PS 300 |
| B2 (one course) | ANTH 300, 303, 480; BIOL 300, +305, +310, 342, 352, +370, +400, +410, +420, +430, +440, +442, +482; NATR +320; PSYC 310 |
| B3 (one course) | ANTH 301, ASTR 400; BIOL +303, +305, +310, +370, +400, +410, +420, +430, +442, +482; CHEM +305, +309, +400, +401, +423; GEOG 301, 309; GEOL 301, 306, 311, 331; NATR +320; PHYS 312, +350, +360, +410; PS 301; PSYC 311 |
| B4 (one course) | CISP 440; MATH 300, 310, 325, 330, 336, 340, 342, 344, 350, 351, 370, 400, 401, 402, 410, 420; PSYC 330; STAT 300, 305 |

Courses in area B3 may also be used in area B1 or B2, where appropriate. Related lecture course must be completed prior to or concurrently with lab.
### C. Arts and Humanities (9 units minimum with at least one from the Arts and one from Humanities plus 1 from either Arts or Humanities.)

<table>
<thead>
<tr>
<th>The Arts</th>
<th>1-2 courses</th>
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</table>

<table>
<thead>
<tr>
<th>Humanities</th>
<th>1-2 courses</th>
</tr>
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</table>

### D. (0-9) Social Sciences (9 units minimum, 3 courses from at least 2 different subject areas)

<table>
<thead>
<tr>
<th>1 course</th>
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### E. Lifelong Learning and Self Development (3 units minimum)

<table>
<thead>
<tr>
<th>E (one course)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE *312; GERON 300, 302; HCD 310; HEED 300, 352; HSER 330, 340; NUTRI 300; PSYC *340, 342, 354, *356, 358, 359, 365, *370, *372, *373, 374, *390, 400, *481; SOC 335; SPEECH 321. One unit can come from: Activity course with one of the following prefixes: ADAPT, DANCE, FITNS, PACT, TMACT, SPORT except FITNS 358, FITNS 400 taken online or any course numbered 495, 498 or 499.</td>
</tr>
</tbody>
</table>

### F. U.S. History, Constitution and American Ideals (This is a CSU Graduation requirement and not part of CSU Certification)

<table>
<thead>
<tr>
<th>2 courses</th>
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</thead>
<tbody>
<tr>
<td>POLS 301 or 481 and one of the following: HIST 310, 311, 318, 320, 321, 323, 325, 327, 330, 483, 484 These courses can also be used in area D of the CSU GE Certification pattern.</td>
</tr>
</tbody>
</table>

+Courses may be counted in 2 areas.

*Courses appearing in more than one category may be used to satisfy only one category.

Courses in the major field may or may not be counted for General Education. (For exceptions, see your counselor.)

Courses appearing in more than 1 area can count in both areas.
2013-14 IGETC (for CSU and UC)

(Intersegmental General Education Transfer Curriculum for transfer to the University of California and California State University)

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the California State University or University of California system without the need, after transfer to take additional lower-division general education courses. The course requirements for all areas should be completed before transfer. All courses must be completed with grades of “C” or better.

NOTE: Student must see a counselor to have this pattern certified before transferring. Students who have selected a specific campus for transfer should consult with an ARC counselor before following the IGETC pattern.

CSU/UC will always accept completion of general education coursework at certifying institutions provided the course was on an approved IGETC requirement list at the time it was completed.

Advanced Placement (AP) and International Baccalaureate (IB) examinations are appropriate for inclusion on the IGETC pattern. Charts denoting how these tests meet IGETC requirements can be viewed at: http://www.arc.losrios.edu/Support_Services/Articulation/APIBCLEP.htm

ARC Transfer Curriculum (IGETC) 2013-14

AREA 1: English Communication (6-9 units)

| 1 A (1 Course) | ENGWR 300, 480  
| Note: (UC Only) ENGWR 300 & 480 combined: maximum credit – 1 course. |

| 1 B (1 Course) | ENGWR 301, 302, 481, 482  
| Note: (UC Only) ENGWR 301 & 481 combined: maximum credit – 1 course. ENGWR 302 & 482 combined: maximum credit – 1 course. |

| 1 C (1 Course) | SPEECH 301, 331 (CSU requirement only) |

AREA 2: Mathematical Concepts and Quantitative Reasoning (3 units)

| 2 A (1 Course) | MATH 336, 340, 344, 350, 351, 370, 400, 401, 402, 410, 420; PSYC 330; STAT 300  
| Note: (UC Only) Math 400, 350 & 340 combined: Math 401 & 351 combined – maximum credit 1 course for each set. PSYC 330 & STAT 300 combined: maximum credit – 1 course |

AREA 3: Arts and Humanities (9 units, at least 1 course from Arts and 1 course from Humanities.)

| 3 A Arts (1 Course) | ARTH 300, 302, 308, 310, 322, 333, 334; MUFHL 300, 310, 311, 315, 321, 330, 400, 401, 410, 411, 480; TA 300, 302, 303, 306, 310, 312, 314, 315, 318, 350, 480  
| Note: (UC Only) No Credit for MUFHL 321 if taken after 400. MUFHL 300 & 480 combined: maximum credit – 1 course. TA 350 & 480 combined: maximum credit – 1 course. TA 312, 481, 314 & 315 combined: maximum credit – 6 units |

| 3 B Humanities (1 Course) | ENGLT 300, 304, 308, 310, 311, 320, 321, 327, 338, 340, 341, 345, 360, 378, 380, 382, 392, 403; FREN 411, 412; GERM 411, 412; HIST 300, 302, 305, 340, 341, 364, 365, 367, 373, 480, 481; HUM 300, 301, 310, 320, 326, 330, 360, 365; ITAL 411, 412; PHIL 300, 310, 315, 330, 331, 350, 353, 354, 373, 480, 481; SPAN 300, 310, 320, 330, 360, 365, 367, 373, 480, 481; TA 300, 302, 303, 306, 310, 312, 314, 315, 318, 350, 480  
| Note: (UC Only) HIST 300 & 480 combined: maximum credit – 1 course. HIST 302 & 481 combined: maximum credit – course. |

Area 3A or 3B (1 Course)
AREA 4: Social & Behavioral Sciences (9 units, at least 3 courses from at least 2 areas.)

| 4 A-J (3 Courses) | ADMJ 300, 320; ANTH 310, 315, 320, 330, 333, 344, 341; BUS 345; ECE 312; 314; ECON 302, 304; GEOG 310, 320, 322; HIST 307, 308, 310, 311, 318, 320, 321, 323, 325, 327, 330, 483, 484; JOUR 320; NATR 307; NUTRI 310; PHIL 360; POLS 301, 302, 310, 320, 322, 332, 342, 481; PSYC 300, 305, 320, 340, 356, 361, 370, 372, 373, 390, 480, 481; SOC 300, 301, 309, 318, 320, 325, 342, 350, 480; SOCSC 310, 312 |
|                  | Note: (UC Only) PSYC 300, 305 & 480 combined: maximum credit – 1 course. PSYC 340 & 481 combined: maximum credit – 1 course. PSYC 372, 373 & ECE 312 combined: maximum credit – course. HIST 310, 320 & 483 combined: maximum credit – 1 course. HIST 311, 321, & 484 combined: maximum credit – 1 course. POLS 301 & 481 combined: maximum credit – 1 course. SOC 300 & 480 combined: maximum credit – 1 course. |

AREA 5: Physical and Biological Sciences (7-9 units, one course from each area.)

Lecture course must be completed prior to or concurrently with lab. Courses used in 5C may be used in 5A or 5B if listed in these areas.

| 5A Physical Science (1 Course) | ASTR 300, 310, 320, 330; CHEM +305, +400, +401, +423; GEOG 300, 305, 306, 307, 308; GEOL 300, 305, 310, 320, 325, 330, 342, 345; PHYS 310, 311, +350, +360, +410; PS 300 |
| 5B Biological Science (1 Course) | ANTH 300, 303, 480; BIOL 300, +303, +305, +310, 342, 352, +370, +400, +410, +420, +430, +440, +442, +482; NATR +320; PSYC 310 |
| 5C Lab (1 Course) | ANTH 301; ASTR 400; BIOL +303, +305, +310, +370, +400, +410, +420, +430, +440, +442, +482; CHEM +305, +400, +401, +423; GEOG 301, 309; GEOL 301, 306, 311, 331; NATR +320; PHYS 312, +350, +360,+410; PS 301; PSYC 311 |
|                  | Note: (UC Only) ANTH 300 & 480 combined: maximum credit – 1 course. ASTR 300, 310 & 320 combined: maximum credit – 2 courses. No credit for BIOL 303, if taken after BIOL 301 or 400. BIOL 370 & 482 combined: maximum credit – 1 course. BIOL 300, 303 & 310 combined: maximum credit – 2 courses. No credit for BIOL 300 or 310, if taken after BIOL 400. CHEM 305, 306, 400 & 401 combined: maximum credit – 1 series. CHEM 420 & 423 combined: maximum credit – 1 course. PHYS 350, 360 & 410, 421, 431 combined: maximum credit – 1 series. PHYS 310 & 311 combined: maximum credit – 1 course. No credit for PHYS 310 or 311, if taken after 410 or 350. No credit for GEOL 305, if taken after a college course in Astronomy, Geology, Meteorology or Oceanography. No credit for GEOL 306 if taken after GEOL 300 or 301. No credit for PS 300 if taken after a college level course in Astronomy, Chemistry, Geology, Meteorology or Physics. |

UC Requirement Only

| 6A Language – Not English | Proficiency equivalent to two years of high school study in the same language. Or, the following courses at ARC also will fulfill this requirement: Note: Please see a counselor for options for fulfilling this requirement. FREN 401, 402, 411, 412; GERM 401, 402, 411, 412; ITAL 401, 402, 411, 412; JAPAN 401, 402; RUSS 401, 402; SILA 305, 306, 315, 316; SPAN 401, 402, 411, 412 |

CSU Graduation Requirement Only- not required for IGETC Certification

| U.S. History, Constitution and American Ideals (6 semester units, one course from each group) | Group 1 – POLS 301, 481 |
| Group 2 – HIST 310, 311, 318, 320, 321, 323, 325, 327, 330, 483, 484 |

+ Course may be used in more than 1 area
Mobile Programming Certificate

This certificate offers a program of study for students seeking jobs in the fields of mobile application development. It provides opportunities to develop the necessary skills and aptitudes for designing, developing, and testing a variety of application programs for mobile devices.

Career Opportunities

Mobile devices such as tablets and smart phones continue to be more cost effective and versatile. Due to the portability, cost, built-in devices and user-friendliness, mobile devices gain much popularity in end-user and commercial markets. As a result, there is a great demand for developers and software engineers who can write application programs for mobile devices. A developer with this certificate can work as an independent mobile application developer or join a team of developers in software firms that specialize in mobile application development.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

• develop a mobile application program using tools included in a software development kit.
• design software using object-oriented methods to develop event-driven programs for mobile application programs.
• publish mobile applications in an application marketplace.

Requirements for Certificate 15 - 16 Units

1st semester:

CISP 300 Algorithm Design/Problem Solving (3) ................. 3 - 4
or CISP 370 Beginning Visual Basic (4)
CISP 362 Programming for Mobile Devices I ....................... 4

2nd semester:

CISP 360 Introduction to Structured Programming .................. 4
CISP 363 Programming for Mobile Devices II ....................... 4

The program listed here is an addition to the Catalog 2013-2014. For other programs in Computer Information Science, please see Catalog 2013-2014, page 132.
**Digital Audio Production Certificate**

This certificate is intended to provide a practical foundation in audio production skills, provide suitable preparation to begin work in the recording and sound production industry, or to serve as a foundation for further study. It also enables people currently employed in the field of audio recording and other associated fields a means to upgrade and expand their skills.

**Career Opportunities**

Typical career paths include post-production audio, broadcast engineer, sound effects editor, multimedia/Internet audio, professional recording studio engineer, and owner/engineer of a smaller demo production studio.

**Student Learning Outcomes**

Upon completion of this program, the student will be able to:

- create, arrange, and notate music using standard Musical Instrument Digital Interface (MIDI) software
- produce audio recordings, music mixes, and audio post-production projects using a Digital Audio Workstation (DAW)
- evaluate various formats and platforms of digital audio recording hardware and software
- integrate outboard signal processing equipment and plug-ins into the audio signal path for audio enhancement
- formulate and implement effective recording session techniques
- analyze the fundamental process and sequence involved in the production of digital audio

**Requirements for Certificate**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MUSM 334</td>
<td>Introduction to Musical Instrument Digital Interface (MIDI)</td>
<td>2</td>
</tr>
<tr>
<td>MUSM 342</td>
<td>Recording Studio Techniques</td>
<td>3</td>
</tr>
<tr>
<td>MUSM 344</td>
<td>Recording Studio Techniques</td>
<td>3</td>
</tr>
<tr>
<td>MUSM 356</td>
<td>Pro Tools 101, Introduction to Pro Tools</td>
<td>1.5</td>
</tr>
<tr>
<td>MUSM 357</td>
<td>Pro Tools 110 Intermediate Pro Tools</td>
<td>1.5</td>
</tr>
<tr>
<td>MUSM 366</td>
<td>Pro Tools 201, Advanced Pro Tools (1.5)</td>
<td>1.5 - 3</td>
</tr>
<tr>
<td>or MUSM 350</td>
<td>Recording Studio Techniques</td>
<td>3</td>
</tr>
</tbody>
</table>

**Music Management and Promotion Certificate**

This certificate offers an overview of the core skills essential to enter the music industry in careers such as artist and music facility management, concert promotion, marketing, and publishing. It also assists those who wish to pursue a career as an independent artist, set up their own record label, or manage their own career.

**Career Opportunities**

Typical career options include booking agent, personal manager, business manager, concert promotion, studio owner/manager, music legal services, publicity writer/public relations, tour management, music retail, music publishing and distribution, and music licensing.

**Student Learning Outcomes**

Upon completion of this program, the student will be able to:

- evaluate and critique recording, management, publishing, and other music industry contracts
- propose and employ networking skills and tools to develop contacts in the music industry
- compare and contrast traditional and alternative music distribution channels
- research merchandising considerations including design, pricing, manufacturing, and distribution
- create marketing and business plans
- describe emerging trends, models, and entrepreneurial opportunities in the music industry
- assess promotion tools such as radio, television, and new media, such as YouTube, social networking, and viral campaigns

**Requirements for Certificate**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MUSM 110</td>
<td>The Business of Music</td>
<td>3</td>
</tr>
<tr>
<td>MUSM 111</td>
<td>The Business of Music</td>
<td>3</td>
</tr>
<tr>
<td>MUSM 112</td>
<td>The Business of Music/Artist Management</td>
<td>3</td>
</tr>
<tr>
<td>MUSM 113</td>
<td>The Business of Music/Promotion</td>
<td>3</td>
</tr>
</tbody>
</table>
Studio Jazz/Pop Voice Instructor Certificate

This certificate offers an overview of the skills essential to enter the studio jazz/pop voice teaching profession as either a member of a retail studio or as an independent voice instructor, coach, consultant, or tutor.

Career Opportunities
Typical career options include employment as owner or employee of a private voice studio and vocal consultant to local recording studios, bands, and music troupes.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

• diagnose poor vocal habits.
• formulate a pedagogical plan to resolve poor vocal habits.
• evaluate a voice student's vocal skills.
• devise a pedagogical plan to develop or improve basic vocal skills.
• devise a pedagogical plan to develop or improve jazz/pop style.
• assess a vocalist's ability to maintain independence in a harmonic setting.
• devise and implement a pedagogical plan to develop or improve a vocalist's ability to maintain independence in a harmonic setting.
• demonstrate the basic skills necessary to sing with appropriate breath support and jazz/pop tone quality.
• demonstrate the basic skills necessary to expand the vocal range and flexibility.

Requirements for Certificate

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
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<tbody>
<tr>
<td>MUIVI 310</td>
<td>Voice Class</td>
<td>2</td>
</tr>
<tr>
<td>MUIVI 311</td>
<td>Voice Class</td>
<td>2</td>
</tr>
<tr>
<td>MUIVI 390</td>
<td>Beginning Jazz and Popular Vocal Styles</td>
<td>2</td>
</tr>
<tr>
<td>MUIVI 391</td>
<td>Intermediate Jazz and Popular Vocal Styles</td>
<td>2</td>
</tr>
<tr>
<td>MUP 400</td>
<td>Vocal Jazz Ensemble</td>
<td>2</td>
</tr>
<tr>
<td>MUFHL 321</td>
<td>Basic Musicianship (3)</td>
<td>2 - 3</td>
</tr>
<tr>
<td>or MUIVI 340</td>
<td>Beginning Piano (2)</td>
<td></td>
</tr>
<tr>
<td>or MUIVI 385</td>
<td>Jazz Styles and Improvisation (2)</td>
<td></td>
</tr>
<tr>
<td>or MUIVI 400</td>
<td>Beginning Jazz Piano (2)</td>
<td></td>
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<tr>
<td>or MUIVI 370</td>
<td>Beginning Guitar (2)</td>
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</tbody>
</table>

Studio Voice Instructor Certificate

This certificate offers an overview of the skills essential to enter the studio voice teaching profession as either a member of a retail studio or as an independent voice instructor, coach, consultant, or tutor.

Career Opportunities
The Studio Voice Instructor will find employment as owner or employee of a private voice studio. This position will include coaching students/clients in basic vocal technique with an emphasis on traditional vocal pedagogy.

Student Learning Outcomes

Upon completion of this program, the student will be able to:

• diagnose poor vocal habits.
• formulate a pedagogical plan to resolve poor vocal habits.
• evaluate a voice student's vocal skills.
• devise a pedagogical plan to develop or improve basic vocal skills.
• classify voice types based upon range.
• assess a vocalist's ability to maintain independence in a harmonic setting.
• devise and implement a pedagogical plan to develop or improve a vocalist's ability to maintain independence in a harmonic setting.
• demonstrate the basic skills necessary to sing with appropriate breath support and tone quality.
• demonstrate the basic skills necessary to expand the vocal range and flexibility.

Requirements for Certificate

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUIVI 310</td>
<td>Voice Class</td>
<td>2</td>
</tr>
<tr>
<td>MUIVI 311</td>
<td>Voice Class</td>
<td>2</td>
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<tr>
<td>MUIVI 320</td>
<td>Voice Class, Intermediate</td>
<td>2</td>
</tr>
<tr>
<td>MUIVI 321</td>
<td>Voice Class, Intermediate</td>
<td>2</td>
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<tr>
<td>MUFHL 321</td>
<td>Basic Musicianship (3)</td>
<td>2 - 3</td>
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<tr>
<td>or MUIVI 340</td>
<td>Beginning Piano (2)</td>
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<td>or MUIVI 370</td>
<td>Beginning Guitar (2)</td>
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<td>MUP 350</td>
<td>Concert Choir I (2)</td>
<td>2</td>
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<tr>
<td>or MUP 360</td>
<td>Chamber Singers (2)</td>
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</tr>
<tr>
<td>or MUP 400</td>
<td>Vocal Jazz Ensemble (2)</td>
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</tbody>
</table>
**Mathematics & Statistics Courses**

- **Mathematics & Statistics**
  - **Arithmetic**
  - **Prealgebra**
  - **Elementary Algebra**
  - **Intermediate Algebra**
  - **Math 330 (3 units)**
  - **Trigonometry**
  - **Math 370 (5 units)**
  - **Precalculus**
  - **Math 400 (5 units)**
  - **Calculus I**
  - **Math 401 (5 units)**
  - **Calculus II**
  - **Math 402 (5 units)**
  - **Calculus III**
  - **Math 410 (3 units)**
  - **Differential Equations**
  - **Math 420 (4 units)**
  - **Linear Algebra**
  - **Math 410 (3 units)**
  - **Introduction to Symbolic Logic**
  - **Math 325 (3 units)**

**Multimedia Math Learning Center**

- **Math 41 (3 units)**
  - Algebra Readiness I
- **Math 42 (3 units)**
  - Algebra Readiness II

- **Math 131 (3 units)**
  - Combined Algebra I
- **Math 132 (3 units)**
  - Combined Algebra II
- **Math 133* (3 units)**
  - Combined Algebra III

- **Math 10 (1 unit)**
  - Developing Math Confidence

- **Math 100 (5 units)**
- **Math 103 (3 units)**
- **Math 104 (3 units)**

- **Math 110 (5 units)**
  - Geometry

- **Math 120 (5 units)**
- **Math 125 (4 units)**
- **Math 129 (9 units)**

**Statistics Courses**

- **Intro to Probability & Statistics**
- **Math 300 (3 units)**
- **Intro to Math Ideas**
- **Math 310 (3 units)**
- **Math 320 (3 units)**
  - Introduction to Symbolic Logic
- **Math 325 (3 units)**
  - Problem Solving
- **Stat 300 (4 units)**
  - Intro to Probability & Statistics
- **Math 301 (3 units)**
  - Math Discovery
- **Math 311 (3 units)**
  - Math Ideas
- **Math 312 (3 units)**
  - Introduction to Symbolic Logic
- **Math 325 (3 units)**
  - Problem Solving

**Trigonometry** has two mathematical prerequisites: intermediate algebra and geometry.

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**Note:** An arrow connects a prerequisite to the next course.

*Math 120, Math 129, and Math 133 each satisfy the intermediate algebra prerequisite for any course.*

*Math 125 satisfies the intermediate algebra prerequisite only where indicated.*

**STATWAY:** Students meeting the prealgebra prerequisite may take this two-semester accelerated program from algebra through statistics.
The items listed have been corrected for the Catalog 2013-2014.

**Prerequisite/Corequisite corrections:**

**Biol 103 Human Anatomy for Funeral Services 4 Units**
Corequisite: FSE 300
Enrollment Limitation: An off-site clinical laboratory component of the course will require an enrollment limitation including: a background check, drug screening, and testing for hepatitis B.
General Education: AA/AS Area IV
Hours: 54 hours LEC, 54 hours LAB
This course is an intensive study of the structure of the human body including the four major tissue types and the following organ systems: integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary, and reproductive. Laboratory assignments develop skills of observation, investigation, and identification of selected structures. The dissection of a human cadaver emphasizes the regions and structures relevant to embalming techniques. This course is designed for students preparing for a career in funeral service.

**Biol 130 Microbiology for Funeral Services 3 Units**
Prerequisite: Chem 130 with a grade of "C" or better
Corequisite: FSE 312, 330, and 340
This course provides a survey of the basic principles of microbiology. It relates these principles to funeral service education especially as they pertain to disinfection, community health, infectious disease, and embalming practice.

**Biol 430 Anatomy and Physiology 5 Units**
Prerequisite: Chem 305, 309, or 400 with a grade of "C" or better
General Education: AA/AS Area IV; CSU Area B2; CSU Area B3; IGETC Area 5B; IGETC Area 5C
Course Transferable to UC/CSU
Hours: 54 hours LEC, 108 hours LAB
This course covers the principles of human anatomy and physiology, emphasizing the integration of structure and function. The topics covered are anatomical terminology, chemistry, cells, histology, articulations, and the integumentary, skeletal, muscular, and nervous systems. Both Biol 430 and Biol 431 must be taken to study all of the major body systems.

**Biol 431 Anatomy and Physiology 5 Units**
Prerequisite: Biol 430 with a grade of "C" or better
General Education: AA/AS Area IV
Course Transferable to UC/CSU
Hours: 54 hours LEC, 108 hours LAB
This course covers the principles of human anatomy and physiology, emphasizing the integration of structure and function. It includes the following systems: cardiovascular, lymphatic, respiratory, digestive, urinary, endocrine and reproductive. Both Biol 430 and 431 must be taken to study all of the major body systems.

**Chem 130 Chemistry for Funeral Service 4 Units**
Corequisite: BUS 340, ENGWR 300, FSE 310, and FSE 320
Enrollment Limitation: Acceptance into the Funeral Service Education program.
Hours: 72 hours LEC
This course is a survey of the basic principles of chemistry as they relate to funeral service. Topics include chemical principles involved in sanitation, disinfection, public health, and embalming practices. The development and use of personal, professional, and community sanitation practices are covered, as well as use and precautions related to potentially harmful chemicals that are currently used in the field of funeral service.

**Stat 300 Introduction to Probability and Statistics 4 Units**
Prerequisite: Math 120, 124, 125, 129, or 133 with a grade of "C" or better; or placement through the assessment process.
General Education: AA/AS Area II(b); CSU Area B4; IGETC Area 2
Course Transferable to UC/CSU
Hours: 72 hours LEC
This course is an introduction to probability and statistics. Topics include elementary principles and applications of descriptive statistics, counting principles, elementary probability principles, probability distributions, estimation of parameters, hypothesis testing, linear regression and correlation, and Analysis of Variance (ANOVA). A calculator with two-variable statistics capabilities is required.

**Hser 300 Introduction to Human Services 3 Units**
Prerequisite: ENGWR 102 and ENGRD 116 with a grade of "C" or better; OR ESLR 320 and ESLW 320 with a grade of "C" or better; OR placement through assessment process.
Course Transferable to CSU
Hours: 54 hours LEC
This course is a comprehensive overview of the field of human services and an introduction to attitudes and methods that enhance communication skills in human relations and enable effective intervention in problem situations. Emphasis is on the roles and skills of associate professionals, such as drug and alcohol counselors, health workers, activity directors with the elderly, and child welfare assistants. Group techniques are emphasized. An off-campus site visit is required.
SPORT 300  Baseball, Intercollegiate – Men  3 Units
Prerequisite: At least one year of high school varsity baseball or equivalent
Enrollment Limitation: Tryout
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to UC/CSU
Hours: 175 hours LAB
This course provides opportunity for intercollegiate competition in men's baseball. It provides baseball related skills, fundamentals, and team strategy. This course may be taken four times for credit.

SPORT 311  Basketball, Intercollegiate – Men, Fall  1.5 Units
Advisory: ENGWR 102 or 103, and ENGRD 116 with a grade of “C” or better; OR ESLR 320 and ESLW 320 with a grade of “C” or better; OR placement through assessment process.
Enrollment Limitation: Tryout
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to UC/CSU
Hours: 87 hours LAB
This course covers fundamentals, rules, individual and/or team strategy appropriate to intercollegiate athletic competition. May be taken three times for credit.

SPORT 312  Basketball, Intercollegiate – Men, Spring  1.5 Units
Advisory: ENGWR 102 or 103, and ENGRD 116 with a grade of “C” or better; OR ESLR 320 and ESLW 320 with a grade of “C” or better; OR placement through assessment process.
Enrollment Limitation: Tryout
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to UC/CSU
Hours: 87 hours LAB
This course covers fundamentals, rules, individual and/or team strategy appropriate to intercollegiate athletic competition. May be taken three times for credit.

SPORT 316  Basketball, Intercollegiate – Women, Fall  1.5 Units
Advisory: ENGWR 102 or 103, and ENGRD 116 with a grade of “C” or better; OR ESLR 320 and ESLW 320 with a grade of “C” or better; OR placement through assessment process.
Enrollment Limitation: Tryout
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to UC/CSU
Hours: 87 hours LAB
This course covers fundamentals, rules, individual and/or team strategy appropriate to intercollegiate athletic competition. May be taken three times for credit.

SPORT 317  Basketball, Intercollegiate – Women, Spring  1.5 Units
Advisory: ENGWR 102 or 103, and ENGRD 116 with a grade of “C” or better; OR ESLR 320 and ESLW 320 with a grade of “C” or better; OR placement through assessment process.
Enrollment Limitation: Tryout
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to UC/CSU
Hours: 87 hours LAB
This course covers fundamentals, rules, individual and/or team strategy appropriate to intercollegiate athletic competition. May be taken three times for credit.

SPORT 320  Cross Country, Intercollegiate – Men  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course covers fundamentals, rules, and individual and team strategy appropriate to intercollegiate athletic competition in men's cross country. It provides opportunities for student-athletes to compete at the intercollegiate level. This course may be taken four times for credit.

SPORT 325  Cross Country, Intercollegiate – Women  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course is an intercollegiate sport providing opportunities for competition in women's cross country. It provides instruction in cross country fundamentals and skills, including rules and individual and team strategies appropriate for intercollegiate athletic competition. This course may be taken four times for credit.

SPORT 330  Football, Intercollegiate – Men  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course is an intercollegiate sport providing opportunity for competition in men's football. This course provides football fundamentals, skills, rules, and individual and team strategies appropriate for intercollegiate athletic competition. This course may be taken four times for credit.

SPORT 340  Golf, Intercollegiate – Men  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course is an intercollegiate sport providing opportunity for competition in men's golf. It covers golf fundamentals and skills. It also includes rules and individual and team strategies appropriate for intercollegiate athletic competition. This course may be taken four times for credit.

SPORT 345  Golf, Intercollegiate – Women  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course is an intercollegiate sport providing opportunities for competition in women's golf. It covers golf fundamentals and skills. It also includes rules and individual and team strategies appropriate for intercollegiate athletic competition. This course may be taken four times for credit.

SPORT 350  Soccer, Intercollegiate – Men  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course provides opportunity for intercollegiate competition in men's soccer. Soccer fundamentals and skills are covered. It also includes rules, and individual and team strategies appropriate for intercollegiate athletic competition. This course may be taken four times for credit.
SPORT 355  Soccer, Intercollegiate – Women  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course is an intercollegiate sport providing opportunity for competition in women's soccer. It provides soccer fundamentals and skills and includes rules, individual and team strategy appropriate for intercollegiate athletic competition. This course may be taken four times for credit.

SPORT 365  Softball, Intercollegiate – Women  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This is an advanced softball activity that provides competition with other community college teams. Fundamentals, rules, team strategy, and softball skills appropriate to intercollegiate athletic competition are expected of the competitors. This course may be taken four times for credit.

SPORT 370  Swimming and Diving, Intercollegiate – Men  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This is an advanced swimming and diving activity course that provides competition with other community college teams. This course provides swimmers and divers with fundamentals, rules, team strategy, and aquatic skills. This course may be taken four times for credit.

SPORT 375  Swimming and Diving, Intercollegiate – Women  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This is an advanced swimming and diving activity course that provides competition with other community college teams. Fundamentals, rules, team strategy, and aquatic skills appropriate to intercollegiate athletic competition are expected of competitors. This course may be taken four times for credit.

SPORT 380  Tennis, Intercollegiate – Men  3 Units
Advisory: ENGWR 102 and ENGRD 116 with a grade of “C” or better; OR ESLR 320 and ESLW 320 with a grade of “C” or better.
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course covers fundamentals, rules, and individual and/or team strategy appropriate to intercollegiate athletic competition in tennis. This course may be taken four times for credit.

SPORT 385  Tennis, Intercollegiate – Women  3 Units
Advisory: ENGWR 102 and ENGRD 116 with a grade of “C” or better; OR ESLR 320 and ESLW 320 with a grade of “C” or better.
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course covers fundamentals, rules, and individual and/or team strategy appropriate to intercollegiate athletic competition in tennis. This course may be taken four times for credit.

SPORT 390  Track and Field, Intercollegiate – Men  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
The intercollegiate track and field course provides specialized training for competition with other community college teams. Each student is trained in the fundamental and advanced techniques needed for his specific events, along with the rules, strategies, sportsmanship and teamwork appropriate for intercollegiate competition. This course may be taken four times for credit.

SPORT 395  Track and Field, Intercollegiate – Women  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course is an intercollegiate sport providing opportunities in women's track and field. It provides instruction in track and field fundamentals and skills, including rules and both individual and team strategies appropriate for intercollegiate athletic competition. This course may be taken four times for credit.

SPORT 405  Volleyball, Intercollegiate – Women  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course is an intercollegiate sport providing opportunity for competition in women’s volleyball. This course provides volleyball fundamentals and skills. It also includes rules, individual and team strategies appropriate for intercollegiate athletic competition. This course may be taken four times for credit.

SPORT 410  Water Polo, Intercollegiate – Men  3 Units
Advisory: ENGRD 116, ENGWR 102, ENGWR 103, ESLR 320, and ESLW 320; or placement through the assessment process.
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This course is an intercollegiate sport providing opportunity for competition in men’s water polo. This course provides water polo fundamentals and skills and includes rules, individual and team strategy appropriate for intercollegiate athletic competition. This course may be taken four times for credit.

SPORT 415  Water Polo, Intercollegiate – Women  3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III(a); CSU Area E2
Course Transferable to UC/CSU
Hours: 175 hours LAB
This is an advanced water polo team activity that provides competition with other community college teams. Fundamentals, rules, team strategy, and aquatic skills appropriate to intercollegiate athletic competition are expected of the competitors. This course may be taken four times for credit.
**Program corrections:**

The course lists have been corrected for the following four Apprenticeship programs from page 70 -71:

**Green Technology Pre-Apprenticeship Certificate**

Requirements for Certificate 8 Units

- FITNS 101 Green Technology Workforce Wellness 1
- PREAP 141 Green Technology Pre-Apprenticeship 7

1This course replaces FITNS 358

**Infrastructure Pre-Apprenticeship Certificate**

Requirements for Certificate 8 Units

- FITNS 102 Infrastructure Workforce Wellness 1
- PREAP 111 Infrastructure Pre-Apprenticeship 7

**Pre-Apprenticeship Certificate**

(previously Green Pre-Apprenticeship Certificate)

Requirements for Certificate 16 Units

- FITNS 101 Green Technology Workforce Wellness 1
- FITNS 102 Infrastructure Workforce Wellness 1
- PREAP 111 Infrastructure Pre-Apprenticeship 7
- PREAP 141 Green Technology Pre-Apprenticeship 7

**Utilities Worker Pre-Apprenticeship Certificate**

Requirements for Certificate 10.5 Units

- FITNS 100 Utility Workforce Wellness 1
- MATH 145 Mathematics for the Trades 1.5
- PREAP 122 Pre-Apprenticeship for Utility Workers 8

The Enrollment Eligibility has been corrected for the Funeral Service Education Degree program from page 228:

**Funeral Service Education Degree**

**Enrollment Eligibility**

To be eligible for enrollment in the program, the student must meet the following criteria:

- Graduation from an accredited high school (graduates from outside the United States must have transcripts evaluated by an approved independent agency), or successful completion of General Educational Development (GED) Test or California High School Proficiency Examination (CHSPE).
- BIOL 102 or BIOL 103, ENGWR 300 or ENGWR 480, FSE 300, and MATH 100 or MATH 104 with a grade of “C” or better.
- Minimum cumulative college GPA of 2.0.
- A Curriculum Planning Summary Sheet completed by an ARC counselor and dated within the semester the enrollment packet is submitted.
- A completed pre-enrollment application.
The courses listed in this section have been added to the Catalog 2013-2014.

**NEW COURSES**

**ANTH 319** Visual Anthropology: Introduction to Ethnographic Film  3 Units  
Advisory: Eligible for ENGRD 310 or ENGRD 312 AND ENGWR 300; OR ESLR 340 AND ESLW 340  
Course transferable to CSU  
Hours: 54 hours LEC  
This course provides an introduction to the use of film by anthropologists as a research and educational tool. A series of films depicting different cultures from around the world are viewed and evaluated. Various attributes of ethnographic film and their treatment by a number of anthropological filmmakers are examined.

**ANTH 321** Ancient Technology  3 Units  
Advisory: ANTH 320; Eligible for ENGRD 310 or ENGRD 312 AND ENGWR 300; OR ESLR 340 AND ESLW 340  
Course transferable to CSU  
Hours: 54 hours LEC  
This course examines technological capabilities of pre-industrial societies using ethnographic and archaeological examples and an experimental approach. Topics include construction techniques of temporary and permanent structures, pottery construction, glassmaking, metallurgy, textile production, as well as bone, stone, wood, and other technologies crucial to human survival. Field trips may be required.

**BIOL 301** Evolution  3 Units  
Advisory: Eligible for ENGRD 310 or ENGRD 312 AND ENGWR 300; OR ESLR 340 AND ESLW 340.  
Course transferable to CSU  
Hours: 54 hours LEC  
This non-science majors course is an introduction to evolutionary biology. It explores the history of life and the mechanisms that give rise to the diversity of life on earth. Topics include the scientific method, the history of evolutionary thought, the origins of life, population genetics, speciation, evolutionary developmental biology and systematics.

**DANCE 301** Belly Dancing  1 Unit  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to UC/CSU  
Hours: 54 hours LAB  
This course covers the basic movements, cultural values, and history of Danse Orientale, more commonly known as Belly Dance. It consists of warm ups, movement across the floor, center floor work, combinations, dances, and performance technique. Musical instruments, rhythms, costumes, and choreography are discussed.

**DANCE 317** Jazz Dance VII: Lyrical Jazz  1 Unit  
Enrollment Limitation: DANCE 315 and DANCE 321 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course combines the technique of jazz dance studied in DANCE 315 with the ballet technique from DANCE 321. The emphasis is on a fusion of styles that includes percussive and sustained qualities, utilizing both in order to achieve control in on-balance movement and relinquishing control in off-balance, falling, and dynamic loss of balance movement. Technique for controlled slipping to the floor and sustained support movement from the floor are developed and reinforced through imagery and strength building. Fulcrum and momentum theories for balance are also explored. This course requires prior jazz dance and ballet training.

**DANCE 321** Ballet II  1 Unit  
Enrollment Limitation: DANCE 320 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course reinforces the foundation begun in DANCE 320 and offers an opportunity to perfect basic steps while introducing new combinations at the barre. The origins and purpose of ballet are introduced, along with new vocabulary words, more complex barre combinations and more intricate steps across the floor. The emphasis is on balance, using plie, and extending range of motion. This course is for students with some basic ballet training.

**DANCE 322** Ballet III  1 Unit  
Enrollment Limitation: DANCE 321 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course refines the technique begun in DANCE 321 and introduces more complex steps, new vocabulary, and longer, more difficult combinations. The emphasis is on technique for vertical jumps, multiple turns, and higher extensions with focus also on the continued development of strength. This course is for students with previous ballet training.

**DANCE 323** Ballet Level IV  1 Unit  
Enrollment Limitation: DANCE 322 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
(effective Fall 2013)  
Course transferable to CSU  
Hours: 54 hours LAB  
This course continues the study of ballet begun in DANCE 322, focusing on concepts for improved technique, better balance, and stronger placement for the upper body. Allegro and adagio combinations are introduced and warm ups are designed to prepare for more difficult center work. This course is for students with previous ballet training.
NEW COURSES

DANCE 324  Ballet V  1 Unit
Enrollment Limitation: DANCE 323 with a grade of “C” or better or by audition.
Course transferable to CSU
Hours: 54 hours LAB
This course continues the study of ballet technique begun in DANCE 323 and promotes greater learning by offering a wider variety of steps, new vocabulary, more difficult barre, turns, leaps, historical information, and the introduction of basic partner dances. This course is designed for students with previous ballet technique and experience.

DANCE 325  Ballet VI  1 Unit
Enrollment Limitation: DANCE 324 with a grade of “C” or better or by audition.
Course transferable to CSU
Hours: 54 hours LAB
This course continues the study of ballet and builds upon the foundation of skills begun in DANCE 324. It includes new vocabulary words and barre exercises that prepare for partner work and pas de deux movement. Allegro movement, multiple turns, and adagio in center are the emphasis. This course is for students with previous ballet training.

DANCE 331  Modern Dance II  1 Unit
Enrollment Limitation: DANCE 330 with a grade of “C” or better or by audition.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course furthers the technique for modern dance begun in DANCE 330 and continues the emphasis on organic movement that fills space with dynamic movements and an energetic flow of the body. Momentum and extension from the core of the body are introduced as well as explorations in space and energy. This course is designed for students with some experience in modern dance technique.

DANCE 332  Modern Dance III  1 Unit
Enrollment Limitation: DANCE 331 with a grade of “C” or better or by audition.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course furthers the study of modern dance begun in DANCE 331 and extends the technique to include studies of time and distance. It encourages technique that results in full out movement, better alignment for strength and balance, and concepts for hopping, jumping, and leaving the ground. The study of modern dance innovators is included. This course is for students with some experience in modern dance technique.

DANCE 333  Modern Dance IV  1 Unit
Enrollment Limitation: DANCE 332 with a grade of “C” or better or by audition.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course furthers the concepts and technique used in DANCE 334 and introduces new vocabulary and explorations for essence, time, and reversing time. Retrograde, slow motion, and high-speed movements are studied and used as a springboard to choreography. This class is designed for dancers with experience in modern dance technique.

DANCE 334  Modern Dance V  1 Unit
Enrollment Limitation: DANCE 334 with a grade of “C” or better or by audition.
Course transferable to CSU
Hours: 54 hours LAB
This course furthers the technique and execution with a new vocabulary of steps, and intricate partnering technique. It includes more strenuous movement and introduces the potential for tricks, turns, and more advanced dance sections that connect the basic steps. This course is designed for students with previous ballet dance experience.

DANCE 335  Modern Dance VI  1 Unit
Enrollment Limitation: DANCE 335 with a grade of “C” or better or by audition.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course continues the study of modern dance technique begun in DANCE 340 and emphasizes swift execution and new partnering concepts. It includes more complex movement and introduces the potential for improvisation. It also refines the basic skills and builds on them to allow for a greater understanding of modern dance forms. This course is designed for students with some experience in ballroom dance.

DANCE 341  Ballroom Dance II  1 Unit
Enrollment Limitation: DANCE 340 with a grade of “C” or better or by audition.
General Education: AA/AS Area III (a); CSU Area E2 (effective Fall 2013)
Course transferable to CSU
Hours: 54 hours LAB
This course continues the study of ballroom dance technique begun in DANCE 340 and emphasizes the transition and new partnering concepts. It includes more advanced study and builds confidence and ability in competitive ballroom. The focus is on the execution of these dances known as Club Dances in the competitive ballroom field. These dances introduce showmanship and require more skill, better timing, and specific use of non-verbal communication. This course is designed for students with ballroom dance experience.

DANCE 342  Ballroom Dance III: Club Dancing  1 Unit
Enrollment Limitation: DANCE 341 with a grade of “C” or better or by audition.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course continues the foundation in alignment, etiquette, and ballroom dance styles begun in DANCE 341. It allows for more advanced study and builds confidence and ability in competitive ballroom. The focus is on the execution of those dances known as Club Dances in the competitive ballroom field. These dances introduce showmanship and require more skill, better timing, and specific use of non-verbal communication. This course is designed for students with ballroom dance experience.

DANCE 343  Ballroom Dance IV: Latin  1 Unit
Enrollment Limitation: DANCE 341 with a grade of “C” or better or by audition.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course continues the foundation in alignment, etiquette, and technique that was begun in DANCE 341. It allows for more advanced study specifically in Latin styles of dance. These dances introduce professional showmanship and fluent use of non-verbal communication with a focus on more complicated rhythms. This course is designed for those students with experience in ballroom dance technique.

DANCE 344  Ballroom Dance V: Swing  1 Unit
Enrollment Limitation: DANCE 342 with a grade of “C” or better or by audition.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course continues the foundation in alignment, etiquette, and basic steps begun in DANCE 342 and furthers the technique and execution with a new vocabulary of steps, and intricate partnering technique. It includes more strenuous movement and introduces the potential for tricks, turns, and more advanced dance sections that connect the basic steps. This course is designed for students with previous ballroom dance experience.
**NEW COURSES**

**DANCE 345 Ballroom Dance VI: Tango**  
1 Unit  
Enrollment Limitation: DANCE 343 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course builds on the foundation of DANCE 343.  It challenges the student to master difficult forms of tango and requires a comprehensive effort to perfect quick-study, execution, balance, and technical ability.  The emphasis is on complex steps that require keen timing, focus, showmanship and partnering skills.  This course is designed for students with previous ballroom dance training.

**DANCE 351 Urban Hip Hop**  
1 Unit  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course includes basic urban-style Hip Hop moves with rapid level changes and strong floor work.  Choreography is provided on a bare bones theme and developed according to individual style, ability, and personal interpretation.  The history of this genre and the traditional competitive elements of Hip Hop dance are examined, as well as the role of dance in Hip Hop culture.  An opportunity for exploration of Freestyle, Old Style, Poppin’, Lockin’, and Dance Poetry is offered.  This course is for students with little or no experience in Hip Hop dance technique.

**DANCE 352 Urban Hip Hop II**  
1 Unit  
Enrollment Limitation: DANCE 351 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course continues the technique and alignment begun in DANCE 351 on a more comprehensive level.  It presents rigorous exercises for the development of strength and kinesthetic awareness.  It also uses a vocabulary of intricate steps.  The focus is on locomotor movements across the floor to improve smooth execution and center combinations to develop hard-hitting percussive styles.  This course is for students with some previous urban Hip Hop dance training.

**DANCE 353 Urban Hip Hop III**  
1 Unit  
Enrollment Limitation: DANCE 352 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course builds on the styles and technique studied in DANCE 352.  The emphasis is on exercises to encourage strength and agility, developing a dance persona, and on combinations that introduce new styles and increase the degree of difficulty with floor work.  This course is for dancers with previous urban Hip Hop dance training.

**DANCE 354 Urban Hip Hop IV**  
1 Unit  
Enrollment Limitation: DANCE 353 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course builds on the foundation provided in DANCE 353.  The focus is on improvisation, Freestyle, Cyphering, and battling.  Musicality and storytelling are explored along with floor work, rapid temps, and building upper body strength.  This course is for students with previous urban Hip Hop dance training.

**DANCE 361 Tap Dance II**  
1 Unit  
Enrollment Limitation: DANCE 360 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course offers an opportunity to continue the study of tap dance with more complex rhythms, new vocabulary, and varied methods of counting.  It furthers the basic technique begun in DANCE 360 and instills tap rhythms, walks, alignment for balance, counts, and footwork.  This course is for students with some previous tap dance training.

**DANCE 362 Tap Dance III**  
1 Unit  
Enrollment Limitation: DANCE 361 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course builds on technique studied in DANCE 361 and includes new vocabulary and steps that refine the ability for quick heel or toe balances as well as new exercises for progress in speed and intricacy of taps.  Clarity of sounds and timing will be emphasized.  This course requires previous experience in tap dance technique.

**DANCE 363 Tap Dance IV**  
1 Unit  
Enrollment Limitation: DANCE 362 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course continues the study of tap dance technique provided in DANCE 362.  It furthers instruction with more sounds to each step and introduces the concepts of origin for tap dance.  The emphasis is on Irish-based tap and the relaxation of the upper body during performance.  This course is designed for students with a background in tap dance technique.

**DANCE 364 Tap Dance V: Rhythm Tap**  
1 Unit  
Enrollment Limitation: DANCE 363 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course furthers the study of tap dance found in DANCE 364 with an emphasis on perfecting execution for rhythm-style tap dance.  Combinations with faster tempos, changing tempos, a’ Capella tap, and call-and-response formats are included.  This course is for students with a strong foundation in tap dance.

**DANCE 365 Tap Dance VI: Rhythm Tap**  
1 Unit  
Enrollment Limitation: DANCE 364 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to CSU  
Hours: 54 hours LAB  
This course furthers the study of tap dance found in DANCE 364 with an emphasis on perfecting execution for rhythm-style tap dance.  Combinations with faster tempos, changing tempos, a’ Capella tap, and call-and-response formats are included.  This course is for students with a strong foundation in tap dance.

**DANCE 402 Elements of Choreography**  
1 Unit  
Enrollment Limitation: Completion of DANCE 310, 320, 330, 340, 351, or 360 with a grade of “C” or better or by audition.  
General Education: AA/AS Area III (a); CSU Area E2  
Course transferable to UC/CSU  
Hours: 54 hours LAB  
This course covers the basic elements of choreography and provides an opportunity to explore basic choreographic structure.  Choreographic concepts are introduced, developed, applied, and adapted to various dance styles in a manner appropriate for most styles and levels of dance.  The emphasis is on the choreographic process.  This course is for students with some dance background.
**NEW COURSES**

**DANCE 403  Choreographic Studies**  2 Units
Enrollment Limitation: DANCE 402 with a grade of “C” or better or by audition.
Course transferable to CSU
Hours: 18 hours LEC; 27 hours LAB
This course furthers the study of choreographic elements begun in DANCE 402. It allows for the study of choreography from an artistic, historical, and personal perspective and encourages students of choreography to mature by providing deeper source materials and less predictable solutions. The emphasis is on imitation and exploration that may uncover inner layers of untapped movement and gesture, including the study of selected influential choreographers and their work. This course is for students with previous dance and choreography training.

**DANCE 431  Performance Group:**
**Master Hip Hop Crew**  3 Units
Advisory: DANCE 352 or 353
Enrollment Limitation: By audition. Student must be able to do a toe stand, wave, kick at least 90 degrees, exhibit floor work, jump three feet up landing in proper progression, and execute double turns with a bent knee.
Course transferable to CSU
Hours: 36 hours LEC; 54 hours LAB
This course furthers the dance technique offered in DANCE 315 and DANCE 353 by providing an opportunity for performing these dance styles in a theatre setting. It presents performance technique as a situational learning experience in a non-competitive venue. Creating a showcase for Hip Hop, Freestyle, African jazz and other dance crew styles, this course facilitates performance technique using both improvised and choreographed material. The focus is on commitment to performance training for presentational dance and includes basic injury prevention, planning for success, and how to handle errors on stage as they happen. Topics include strict focus, professional attitudes, and theatre etiquette. This course is designed for students with considerable backgrounds in Hip Hop, jazz, African jazz or other cultural dance technique.

**ENGWR 303  Argumentative Writing and Critical Thinking Through Literature**  4 Units
Prerequisite: ENGWR 300 or 480 with a grade of “C” or better
General Education: AA/AS Area III (a)
Course transferable to CSU
Hours: 72 hours LEC
Through the study of complex literary works in all major genres, this course offers instruction in analytical, critical, and argumentative writing; critical thinking; research strategies; information literacy; and proper documentation. Close reading skills and the aesthetic qualities of literature are also studied. A minimum of 6000 words of formal writing is required. Attendance at readings, plays, and/or films may be required.

**ESL 94  Intermediate-High Skills Lab**  0.5-1.5 Units
Prerequisite: ESL 55, ESL 56, ESLG 50, ESLL 50, or ESLW 50 with a grade of “C” or better; or placement through the assessment process.
Hours: 27-81 hours LAB
This course develops, expands, and reinforces multiple English language skills at the intermediate-high level in an independent and/or in small group environment. Coursework includes integrated study topics relative to vocabulary and study skills, reading and grammar use, idiomatic language study and application, conversation and listening skills, workplace skills, composition and writing, and assorted integrated software programs. Late registration is allowed as long as space is available and with the permission of the instructor. This course is not a substitute for other ESL courses. This course may be taken up to three times for a total of 1.5 units, using different modules. Pass/No Pass only.

**FITNS 100  Utility Workforce Wellness**  1 Unit
Corequisite: PREAP 122
General Education: AA/AS Area III (a)
Hours: 9 hours LEC; 27 hours LAB
This course covers health and physical fitness related to utility worker occupations. Exercise programs are designed to improve specific muscle groups impacted in the occupational setting.

**FITNS 101  Green Technology Workforce Wellness**  1 Unit
Corequisite: PREAP 141
General Education: AA/AS Area III (a)
Hours: 9 hours LEC; 27 hours LAB
This course covers health and physical fitness related to green technology workforce occupations. Exercise programs are designed to improve specific muscle groups impacted in the occupational setting.

**FITNS 102  Infrastructure Workforce Wellness**  1 Unit
Corequisite: PREAP 111
General Education: AA/AS Area III (a)
Hours: 9 hours LEC; 27 hours LAB
This course covers health and physical fitness related to general construction. Exercise programs are designed to improve specific muscle groups impacted in the occupational setting.

**FITNS 441  Swimming II**  1 Unit
Advisory: Student must demonstrate comfort and confidence in the water and in their ability to demonstrate submersion, front float, and back float. This course is taught in deep water.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course is designed for beginning swimmers with limited skills. Topics include mastery of basic water adjustment skills, floats, glides, streamline, freestyle, and backstroke techniques. This course is appropriate for those who are uncomfortable in deep water or those who need to refine their ability to swim 25 yards without stopping.

**FITNS 442  Swimming III**  1 Unit
Prerequisite: FITNS 441 with a grade of “C” or better
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course covers skills for intermediate swimmers; water safety, and basic swimming skills, swim training protocols and technique, further refinement of stroke development, proper starts and turns technique, and development of cardiovascular capacity. It includes stroke technique in freestyle, backstroke, and breaststroke, as well as turns for freestyle, backstroke and breaststroke.

**FITNS 443  Swinging IV**  1 Unit
Prerequisite: FITNS 442 with a grade of “C” or better
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course for advanced swimmers (those who have mastered intermediate swimming skills) covers proper technique specific to the four competitive strokes, proper training protocols, and training design. It emphasizes proper stroke technique of freestyle, backstroke, breaststroke, and butterfly, as well as underwater efficiency in diving, turns, and breakdowns for all competitive strokes. It also introduces more advanced swim training protocols, drills, and workout designs.
KINES 300  Introduction to Physical Education, Kinesiology, Fitness and Sport  3 Units
Course transferable to CSU
Hours: 54 hours LEC
This course provides an orientation to the history and trends in physical education, kinesiology, fitness, and sport, including various career and professional issues. It introduces major sub-fields such as exercise physiology, biomechanics, motor learning, sport sociology, and sport and exercise psychology.

MUP 323  Latin Jazz Ensemble  2 Units
Enrollment Limitation: Ability to play at least one instrument commonly used in jazz ensemble; audition required.
Course transferable to CSU
Hours: 18 hours LEC, 54 hours LAB
This course is the study and performance of Latin jazz repertoire encompassing a wide variety of Latin American and Afro-Cuban jazz styles. Public performance and field trips are required. This course may be taken up to four times for credit.

MUP 324  Advanced Latin Jazz Ensemble  1-2 Units
Prerequisite: Completion of 8 units of MUP 323 with a grade of “C” or better
Course transferable to CSU
Hours: 9-18 hours LEC, 27-54 hours LAB
This course is the further study and performance of Latin jazz repertoire encompassing a wide variety of Latin American and Afro-Cuban jazz styles. Public performance and field trips are required. This course may be taken up to four times for credit.

PACT 311  Badminton II  1 Unit
Prerequisite: PACT 310 with a grade of “C” or better
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course provides instruction in intermediate skills, techniques, and rules of badminton. It emphasizes skill and technique development beyond that of a beginning player, as well as intermediate strategies for singles and doubles.

PACT 351  Golf II  1 Unit
Prerequisite: PACT 350 with a grade of “C” or better
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course covers the intermediate skills and knowledge necessary to play the game of golf. It focuses on swing evaluation necessary to improve ball striking, the rules and etiquette necessary to play on a public course, and course management strategies in order to negotiate a golf course. Some sections of this course may be held on area regulation golf courses in which students must bring their own golf clubs and pay range costs and/or greens fees.

PACT 352  Golf III  1 Unit
Prerequisite: PACT 351 with a grade of “C” or better
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course covers advanced skills and knowledge necessary to excel at the game of golf. It focuses on improving the swing, special shot-making techniques, course management strategies for the advanced golfer, and clarification of rules and etiquette necessary to play the game at an advanced level. Different tournament formats will be explored. This course is held on area regulation golf courses in which students must bring their own golf clubs, pay greens fees, and/or range costs.

SPORT 301  Off Season Conditioning for Baseball  1-3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III (b); CSU Area E2
Course transferable to CSU
Hours: 54-175 hours LAB
This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of baseball. Course content includes sport-specific skill development, sport-specific strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. The course may be taken up to four times for credit.

SPORT 303  Off Season Conditioning for Basketball  1-3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54-175 hours LAB
This course is designed to optimize sports performance and reduce risk of injury for the off-season intercollegiate athlete in the sport of basketball. Topics include: college-level basketball-specific skill development, sport specific strength training, agility work, plyometrics, speed training, and flexibility exercises. This course may be taken up to four times for credit.

SPORT 313  Off Season Conditioning for Football  1-3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54-175 hours LAB
This course involves training and technical skill development specific to the sport of football for off-season student athletes. Topics include skill development, strength training, speed development, agility training, plyometric drills, cardiovascular conditioning, and increased flexibility. This course may be taken up to four times for credit.

SPORT 341  Off Season Conditioning for Golf  0.5-3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 27-175 hours LAB
This course involves a combination of fundamental skills and strategy with an emphasis on a fitness component for the sport of golf. It offers a mental training component for peak performance. This course is designed to prepare students for intercollegiate golf competition. It may be taken 4 times for credit.

SPORT 351  Off Season Conditioning for Soccer  1-3 Units
Enrollment Limitation: Tryout
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54-175 hours LAB
This course covers off-season training and conditioning skills and techniques specific for intercollegiate soccer. Topics include skill development, strength training, cardiovascular conditioning, and speed training. This course may be taken up to four times for credit.
NEW COURSES

SPORT 356  Off Season Conditioning for Women's Soccer  1-3 Units

Enrollment Limitation: Tryout
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54-175 hours LAB
This physical education course covers training and conditioning skills and techniques specific for intercollegiate soccer. It focuses on basic concepts and skills with emphasis on conditioning. This course may be taken up to four times.

SPORT 366  Off Season Conditioning for Softball  1-3 Units

Enrollment Limitation: Tryout
General Education: AA/AS Area III (b); CSU Area E2
Course transferable to CSU
Hours: 27-175 hours LAB
This course covers basic fundamental skills and strategy tactics with an emphasis on a fitness component for intercollegiate athletics in the sport of softball. It offers a mental training component for peak performance. This course may be taken up to four times for credit.

SPORT 376  Off Season Swim & Dive  0.5-3 Units

Enrollment Limitation: Tryout. This course is designed for athletes on the swim and dive team.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 27-175 hours LAB
This course combines basic skills and stroke technique with an emphasis on a fitness component for the sport of swim and dive. It also offers a dry-land training component for peak performance. This course is designed to prepare students for intercollegiate swim and dive competition. It may be taken up to four times for credit.

SPORT 386  Off Season Conditioning for Tennis  0.5-3 Units

Enrollment Limitation: Two years of varsity high school experience or equivalent. Tryout required.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 27-175 hours LAB
This course prepares the intercollegiate tennis player for the competitive season and reduces risk of injury. Course content includes collegiate level tennis-specific skill development, a solid aerobic conditioning plan, sport-specific strength training, agility work, plyometrics, speed training, flexibility exercises and other activities designed to prepare the athlete both physically and mentally. It may be taken up to four times for credit.

SPORT 396  Off Season Conditioning for Track and Field  1-3 Units

Enrollment Limitation: Tryout required.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54-175 hours LAB
This course includes sport-specific training, conditioning, and technical skill development specific to the sport of track and field for the off-season student athlete. Course content includes sport-specific skill development, event-specific strength training, cardiovascular conditioning, agility training, plyometric drills, anaerobic speed development, and enhancement of flexibility. This course may be taken up to four times for credit.

SPORT 406  Off Season Conditioning for Volleyball  1-3 Units

Enrollment Limitation: Tryout
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54-175 hours LAB
This course provides training and technical skill development specific to the sport of volleyball for off-season student-athletes. Topics include skill development, strength training, cardiovascular conditioning, agility work, plyometrics, speed training, and flexibility exercises. This course may be taken up to four times for credit.

SPORT 416  Off Season Water Polo  0.5-3 Units

Enrollment Limitation: Tryout.
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 27-175 hours LAB
This course combines basic skills and strategy tactics with an emphasis on a fitness component for the sport of water polo. It also offers a dry-land training component for peak performance. This course is designed to prepare students for intercollegiate water polo competition. This course may be taken up to four times for credit.

TMACT 301  Indoor Soccer II  1 Unit

Prerequisite: TMACT 300 with a grade of “C” or better
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course covers the intermediate-level player knowledge and skills needed to play indoor soccer, with an emphasis in defending, attacking, and technical ability. It also covers the skills, strategy, and rules that govern the play of indoor soccer.

TMACT 303  Outdoor Soccer III  1 Unit

Prerequisite: TMACT 302 with a grade of “C” or better
General Education: AA/AS Area III (b); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course covers the intermediate-level player environment to challenge and improve the player's knowledge and skills needed to play outdoor soccer, emphasizing defending, attacking, and technical ability. It covers the skills, strategy, and rules that govern the play of outdoor soccer. This class is not designed for beginning soccer players.

TMACT 304  Outdoor Soccer III  1 Unit

Prerequisite: TMACT 303 with a grade of “C” or better
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This course covers an advanced level knowledge and skills needed to play outdoor soccer, emphasizing technical and conditioning drills, game preparations, match analysis, and tactical knowledge, as well as defensive and offensive drills of advanced level play. It also introduces basic coaching techniques.

TMACT 331  Volleyball II  1 Unit

Prerequisite: TMACT 330 with a grade of “C” or better
General Education: AA/AS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This intermediate course focuses on refining basic skills of serving, passing, and setting as well as further developing skills in serve-receive, defense, spiking, blocking, and digging. It also covers challenging techniques and strategies that follow NCAA collegiate rules and etiquette.
TMACT 333 Volleyball III 1 Unit
Prerequisite: TMACT 331 with a grade of “C” or better
General Education: AAAS Area III (a); CSU Area E2
Course transferable to CSU
Hours: 54 hours LAB
This advanced volleyball class focuses on more complicated skills and techniques of the sport. Competitive play takes a higher priority. Topics include a variety of offensive and defensive systems, and how to apply them in a game-like setting.

TAP 300 Modern Rehearsal and Performance I 1-3 Units
Advisory: TA 350 or 480
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the first in a series of four courses that provide workshop training in the rehearsal and performance of Modern theatre. It is designed for students with little or no prior theatre experience. Students audition or interview with the director for participation in a Modern drama or comedy. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

TAP 301 Modern Rehearsal and Performance II 1-3 Units
Prerequisite: TAP 300 with a grade of “C” or better
Advisory: TA 366
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the second in a series of four courses that provide workshop training in the rehearsal and performance of Modern theatre. It is designed for students with little or no prior theatre experience. Students audition or interview with the director for participation in a Modern drama or comedy. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

TAP 302 Modern Rehearsal and Performance III 1-3 Units
Prerequisite: TAP 301 with a grade of “C” or better
Advisory: TA 366
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the third in a series of four courses that provide workshop training in the rehearsal and performance of Modern theatre. It is designed for students with beginning/moderate theatre experience. Students audition or interview with the director for participation in a Modern drama or comedy. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

TAP 303 Modern Rehearsal and Performance IV 1-3 Units
Prerequisite: TAP 302 with a grade of “C” or better
Advisory: TA 366
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the fourth in a series of four courses that provide workshop training in the rehearsal and performance of Modern theatre. It is designed for students with intermediate/significant theatre experience. Students audition or interview with the director for participation in a Modern drama or comedy. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

TAP 320 Classical Rehearsal and Performance I 1-3 Units
Advisory: TA 350 or 480
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the first in a series of four courses that provide workshop training in the rehearsal and performance of Classical theatre. It is designed for students with little or no prior theatre experience. Students audition or interview with the director for participation in a Classical drama or comedy. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

TAP 321 Classical Rehearsal and Performance II 1-3 Units
Prerequisite: TAP 320 with a grade of “C” or better
Advisory: TA 362
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the second in a series of four courses that provide workshop training in the rehearsal and performance of Classical theatre. It is designed for students with little or no prior theatre experience. Students audition or interview with the director for participation in a Classical drama or comedy. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

TAP 322 Classical Rehearsal and Performance III 1-3 Units
Prerequisite: TAP 321 with a grade of “C” or better
Advisory: TA 362
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the third in a series of four courses that provide workshop training in the rehearsal and performance of Classical theatre. It is designed for students with little or no prior theatre experience. Students audition or interview with the director for participation in a Classical drama or comedy. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.
### TAP 323  Classical Rehearsal and Performance IV  1-3 Units

Prerequisite: TAP 322 with a grade of “C” or better  
Advisory: TA 362  
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.  
Course transferable to CSU  
Hours: 54-162 hours LAB  
This course is the fourth in a series of four courses that provide workshop training in the rehearsal and performance of Classical theatre. It is designed for students with intermediate/significant theatre experience. Students audition or interview with the director for participation in a Classical drama or comedy. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

### TAP 340  Musical Rehearsal and Performance I  1-3 Units

Advisory: TA 350 or 480  
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.  
Course transferable to CSU  
Hours: 54-162 hours LAB  
This course is the first in a series of four courses that provide workshop training in the rehearsal and performance of musical theatre. It is designed for students with little or no prior theatre experience. Students audition or interview with the director for participation in a musical. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

### TAP 341  Musical Rehearsal and Performance II  1-3 Units

Prerequisite: TAP 340 with a grade of “C” or better  
Advisory: TA 377  
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.  
Course transferable to CSU  
Hours: 54-162 hours LAB  
This course is the second in a series of four courses that provide workshop training in the rehearsal and performance of musical theatre. It is designed for students with basic/minimal theatre experience. Students audition or interview with the director for participation in a musical. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

### TAP 342  Musical Rehearsal and Performance III  1-3 Units

Prerequisite: TAP 341 with a grade of “C” or better  
Advisory: TA 370 or TA 377  
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.  
Course transferable to CSU  
Hours: 54-162 hours LAB  
This course is the third in a series of four courses that provide workshop training in the rehearsal and performance of musical theatre. It is designed for students with beginning/moderate theatre experience. Students audition or interview with the director for participation in a musical. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

### TAP 343  Musical Rehearsal and Performance IV  1-3 Units

Prerequisite: TAP 342 with a grade of “C” or better  
Advisory: TA 370 or TA 377  
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.  
Course transferable to CSU  
Hours: 54-162 hours LAB  
This course is the fourth in a series of four courses that provide workshop training in the rehearsal and performance of musical theatre. It is designed for students with intermediate/significant theatre experience. Students audition or interview with the director for participation in a musical. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

### TAP 360  Children’s Theatre Performance I  1-3 Units

Advisory: TA 350 and TA 480  
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.  
Course transferable to CSU  
Hours: 54-162 hours LAB  
This course is the first in a series of four courses that provide workshop training in the rehearsal and performance of children’s theatre. It is designed for students with little or no prior theatre experience. Students audition or interview with the director for participation in a children’s show. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

### TAP 361  Children’s Theatre Production II  1-3 Units

Prerequisite: TAP 360 with a grade of “C” or better  
Advisory: TA 350 and TA 480  
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.  
Course transferable to CSU  
Hours: 54-162 hours LAB  
This course is the second in a series of four courses that provide workshop training in the rehearsal and performance of children’s theatre. It is designed for students with basic/minimal theatre experience. Students audition or interview with the director for participation in a children’s show. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.

### TAP 362  Children’s Theatre Production III  1-3 Units

Prerequisite: TAP 361 with a grade of “C” or better  
Advisory: TA 350 and TA 480  
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.  
Course transferable to CSU  
Hours: 54-162 hours LAB  
This course is the third in a series of four courses that provide workshop training in the rehearsal and performance of children’s theatre. It is designed for students with beginning/moderate theatre experience. Students audition or interview with the director for participation in a children’s show. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and/or technical rehearsals and preparation.
TAP 363  Children’s Theatre Production IV  1-3 Units
Prerequisite: TAP 362 with a grade of “C” or better
Advisory: TA 350 and TA 480
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the fourth in a series of four courses that provide workshop training in the rehearsal, performance, and preparation of children’s theatre. It is designed for students with intermediate to significant theatre experience. Students audition or interview with the director for participation in a children’s show. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and technical rehearsals and preparation.

TAP 380  Repertory/Touring Rehearsal and Performance I  1-3 Units
Advisory: TA 350 and TA 480
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the first in a series of four courses that provide workshop training in the rehearsal, performance, and preparation of repertory and/or touring theatre. It is designed for students with little or no prior theatre experience. Students audition or interview with the director for participation in a repertory and/or touring theatre production. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and technical rehearsals and preparation.

TAP 381  Repertory/Touring Rehearsal and Performance II  1-3 Units
Prerequisite: TAP 380 with a grade of “C” or better
Advisory: TA 350 and TA 480
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the second in a series of four courses that provide workshop training in the rehearsal, performance, and preparation of repertory and/or touring theatre. It is designed for students with basic to intermediate theatre experience. Students audition or interview with the director for participation in a repertory and/or touring theatre production. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and technical rehearsals and preparation.

TAP 382  Repertory/Touring Rehearsal and Performance III  1-3 Units
Prerequisite: TAP 381 with a grade of “C” or better
Advisory: TA 350 and TA 480
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the third in a series of four courses that provide workshop training in the rehearsal, performance, and preparation of repertory and/or touring theatre. It is designed for students with beginning to intermediate theatre experience. Students audition or interview with the director for participation in a repertory and/or touring theatre production. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and technical rehearsals and preparation.

TAP 383  Repertory/Touring Rehearsal and Performance IV  1-3 Units
Prerequisite: TAP 382 with a grade of “C” or better
Advisory: TA 350 and TA 480
Enrollment Limitation: Students must audition and/or interview with the director to participate in this course.
Course transferable to CSU
Hours: 54-162 hours LAB
This course is the fourth in a series of four courses that provide workshop training in the rehearsal, performance, and preparation of repertory and/or touring theatre. It is designed for students with intermediate to significant theatre experience. Students audition or interview with the director for participation in a repertory and/or touring theatre production. Field trips may be required. A portion of this course may be offered in a TBA component of 54-162 hours which may include acting, singing, dancing, and technical rehearsals and preparation.

TECOM 300  Introduction to Technical/Professional Communication: Writing Reports  1.5 Units
Advisory: Eligible for ENGRD 310 or ENGRD 312 and ENGWR 360; OR ESLR 340 and ESLW 340.
Course transferable to CSU
Hours: 27 hours LEC
This course emphasizes principles of reader-centered writing for the workplace, focusing specifically on aspects of technical and professional communication. It covers the writing of documents used in businesses, academia, industry, and government. These documents may include memos, letters, brochures, reports, procedures, proposals, grants, scientific reports, websites, software documentation, and case studies. This course is formerly known as ENGWR 342.

TECOM 310  Technical/Professional Communication: Plain English  1.5 Units
Course transferable to CSU
Hours: 27 hours LEC
This course emphasizes the writing of reports for the workplace and for technical and scientific disciplines. The course covers audience analysis, standard report formats, research techniques, and concise, grammatical writing. This course is formerly known as ENGWR 344.

TECOM 315  Technical/Professional Communication: Proposal Writing  1.5 Units
Advisory: Eligible for ENGRD 310 or ENGRD 312 and ENGWR 360; OR ESLR 340 and ESLW 340.
Course transferable to CSU
Hours: 27 hours LEC
This course emphasizes the use of clear, concise English in professional writing. The course begins with a brief review of English grammar and then covers common writing problems. The course also teaches professional editing techniques. This course is formerly known as ENGWR 348.

TECOM 320  Technical/Professional Communication: Proposal Writing  1.5 Units
Course transferable to CSU
Hours: 27 hours LEC
This course emphasizes the writing of proposals. It includes planning, writing, and evaluating proposals, both formal and informal, solicited and unsolicited. Special attention is given to requests for proposal (RFPs) and how to respond to them. This course is formerly known as ENGWR 350.
TECCOM 330  Technical/Professional Communication:
Writing Technical Manuals  3 Units
Advisory: ARTNM 352 and CISA 305
Course transferable to CSU
Hours: 54 hours LEC
This course is designed for professionals in all fields who need to
design, create, and revise user and reference manuals in print or
online formats. The course offers strategies for audience and
task analysis, product learning, document design, drafting,
procedure writing, and revision. Desktop publishing and/or online
help development tools are used to produce a portfolio-quality print
or online manual. This course is formerly known as ENGWR 352.

TECCOM 340  Technical/Professional Communication:
Developing Help Systems  1.5 Units
Advisory: CISA 305; Eligible for ENGRD 310 or ENGRD 312 and
ENGWR 300; OR ESLR 340 and ESLW 340.
Course transferable to CSU
Hours: 27 hours LEC
This course emphasizes the design, development, and delivery of
self-contained and Web-based help systems. It reviews task and
audience analysis and introduces strategies for designing, writing,
organizing, revising, and publishing help projects. In addition,
it introduces industry-standard help development tools.
This course is formerly known as ENGWR 353.