### Subject: Architecture (ARCH) Discipline: Architecture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Offered At</th>
<th>Action(s) Proposed</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>115</td>
<td>Architectural Model Making</td>
<td>16 - 18 hours lecture, 48 - 54 hours lab, 2 units</td>
<td>Mesa</td>
<td>Course Revision (May Include Activation)</td>
<td>Fall 2019</td>
</tr>
</tbody>
</table>

**REQUISITES:**
- **Advisory:** Architecture 100 or Interior Design 112A, each with a grade of "C" or better, or equivalent.
- The emphasis of this class is shop safety and hands-on model construction. Appropriate tool and materials selection and tool operation (with emphasis on power tools) are covered. The course is intended for architectural and interior design students.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.

### Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Offered At</th>
<th>Action(s) Proposed</th>
<th>Effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>~ 121</td>
<td>Curriculum: Art</td>
<td>48 - 54 hours lecture, 3 units</td>
<td>City, Mesa, Miramar</td>
<td>Course Revision (May Include Activation)</td>
<td>Fall 2019</td>
</tr>
</tbody>
</table>

**REQUISITES:**
- **Advisory:** English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R5 and W5.
- This course introduces the creative process and experience in early childhood education programs. Emphasis is placed on creative development, art curriculum activities, basic teaching skills, guidance techniques, equipment, and materials. Students select appropriate activities for a variety of age and maturity levels based on child development theories and concepts. This course is intended for students majoring in Child Development or others interested in the creative process in early childhood education.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.
### Subject: Dramatic Arts (DRAM) Discipline: Drama/Theater Arts

#### 105 Introduction to Dramatic Arts

<table>
<thead>
<tr>
<th>Credit</th>
<th>Offered At:</th>
<th>Action(s) Proposed:</th>
</tr>
</thead>
<tbody>
<tr>
<td>48 - 54 hours lecture, 3 units</td>
<td>City, Mesa</td>
<td>Course Revision (May Include Activation)</td>
</tr>
</tbody>
</table>

**Letter Grade or Pass/No Pass Option**

**REQUISITES:**

*Advisory:* English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R6 and W6.

This survey course introduces fundamental practices and creative processes in the dramatic arts. Through experimentation and examination, students gain greater insight and appreciation of the dramatic arts as an agent of change that is vital to the humanities. Aspects of theatre production and collaboration are covered through lecture, group discussion and participation. This course is designed for dramatic arts majors and all students interested in the dramatic arts.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU, CSU General Education, IGETC, UC Transfer Course List.

### Subject: Emergency Medical Technician (EMGM) Discipline: Emergency Medical Technologies

#### 106 Perilaryngeal Airway Adjuncts/Defibrillation Training

<table>
<thead>
<tr>
<th>Credit</th>
<th>Offered At:</th>
<th>Action(s) Proposed:</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 - 4.5 hours lecture, 12 - 13.5 hours lab, 0.5 units</td>
<td>Miramar</td>
<td>Course Revision (May Include Activation)</td>
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</tbody>
</table>

**Grade Only**

**REQUISITES:**

*Prerequisite:* San Diego County Division of Emergency Medical Services Policy D-320 requirement: Current BLS-C level certification in CPR approved by the American Heart Association or the American Red Cross.

*Corequisite:* Completion of or concurrent enrollment in Emergency Medical Technician 105A with a grade of "C" or better, or equivalent EMT certification.

*Limitation on Enrollment:* This course is not open to students with previous credit for Fire Protection Technology 136.

This course covers the skills required to integrate the use of the Automated External Defibrillator (AED), Esophageal/Tracheal Airway Device "Combitube®," and Laryngeal/Tracheal Airway "King®" in the prehospital care/management of the victim of cardiac/respiratory arrest. Topics include skill proficiency in basic life support; airway management; use of the AED; and intubation utilizing a San Diego Emergency Medical Services Authority (EMSA)-approved perilaryngeal airway adjunct. This course is intended for practicing Emergency Medical Technicians (EMTs), students seeking initial EMT certification, or others working in the healthcare field. Students must be employed with an approved provider agency in order to utilize the airway in the provision of care.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.
# Subject: Exercise Science (EXSC) Discipline: Physical Education

## 210 Intercollegiate Football I

<table>
<thead>
<tr>
<th>Offered At:</th>
<th>Mesa</th>
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<tbody>
<tr>
<td><strong>Action(s) Proposed:</strong></td>
<td>Course Revision (May Include Activation)</td>
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<tr>
<td><strong>Six Year Review</strong></td>
<td></td>
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<tr>
<td><strong>Advisory (Change)</strong></td>
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<tr>
<td><strong>Limitation on Enrollment (New)</strong></td>
<td></td>
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<tr>
<td><strong>Texts</strong></td>
<td>Approved</td>
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</table>

**96 - 175 hours lab, 2-3.5 units Grade Only**

**REQUISITES:**

*Advisory: Completion of or concurrent enrollment in Exercise Science 233B with a grade of "C" or better, or equivalent.*

*Limitation on Enrollment:* This course is not open to students with previous credit for Physical Education 210. A physician's medical release form is required. This course is designed for students in their first season of intercollegiate football. Topics include fundamental skills of play for offense/defense and special teams. This course may be taken two times for credit.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU. UC Transfer Course List.

## 211 Intercollegiate Football II

<table>
<thead>
<tr>
<th>Offered At:</th>
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<tbody>
<tr>
<td><strong>Action(s) Proposed:</strong></td>
<td>Course Revision (May Include Activation)</td>
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<tr>
<td><strong>Six Year Review</strong></td>
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<tr>
<td><strong>Advisory (Change)</strong></td>
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<tr>
<td><strong>Limitation on Enrollment (New)</strong></td>
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<tr>
<td><strong>Texts</strong></td>
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**96 - 175 hours lab, 2-3.5 units Grade Only**

**REQUISITES:**

*Advisory: Completion of or concurrent enrollment in Exercise Science 233B with a grade of "C" or better, or equivalent.*

*Limitation on Enrollment:* This course is not open to students with previous credit for Physical Education 211. A physician's medical release form is required. This course is designed for students in their second season of intercollegiate football. Topics include fundamental skills of play for offense/defense and special teams. This course may be taken two times for credit.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU. UC Transfer Course List.

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*Requires Board of Trustees approval prior to implementation

--Course requires CCCCO submission

Page 3 of 13
Subject: Exercise Science (EXSC) Discipline: Physical Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
<th>Units</th>
<th>Grade</th>
<th>Requirement</th>
<th>Action(s) Proposed</th>
<th>Offered At</th>
<th>Proposed for College(s)</th>
<th>Originating Campus</th>
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<tr>
<td>218</td>
<td>Intercollegiate Swimming I</td>
<td>96 - 175 hours lab, 2-3.5 units</td>
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<td>Course Revision (May Include Activation)</td>
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<td>MESA</td>
<td>Fall 2019</td>
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**REQUISITES:**
*Limitation on Enrollment:* This course is not open to students with previous credit for Physical Education 218. A physician's medical release form is required. This course is designed for students to compete in men's and women's intercollegiate varsity swimming and diving competition. This course may be taken two times for credit. Students must demonstrate increased proficiency and skill attainment with each repetition.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU. UC Transfer Course List.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
<th>Units</th>
<th>Grade</th>
<th>Requirement</th>
<th>Action(s) Proposed</th>
<th>Offered At</th>
<th>Proposed for College(s)</th>
<th>Originating Campus</th>
<th>Effective</th>
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<tbody>
<tr>
<td>219</td>
<td>Intercollegiate Swimming II</td>
<td>96 - 175 hours lab, 2-3.5 units</td>
<td>Grade Only</td>
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<td></td>
<td>Course Revision (May Include Activation)</td>
<td>Mesa</td>
<td>Mesa</td>
<td>MESA</td>
<td>Fall 2019</td>
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</tbody>
</table>

**REQUISITES:**
*Limitation on Enrollment:* This course is not open to students with previous credit for Physical Education 219. A physician's medical release form is required. This course is designed for students to compete in a second semester of men's and women's intercollegiate varsity swimming and diving competition. This course may be taken two times for credit. Students must demonstrate increased proficiency and skill attainment with each repetition.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU. UC Transfer Course List.
**Subject:** Exercise Science (EXSC) **Discipline:** Physical Education

### 280 Applied Exercise Physiology

| Offered At: | City, Mesa, Miramar |
| Action(s) Proposed: | Distance Learning - No Other Action |
| **Reviewed** | |
| **Proposed for College(s):** | Mesa |
| **Originating Campus:** | MESA |
| **Dist. Ed Proposed For College(s):** | Mesa |
| **Effective:** | Fall 2019 |

#### REQUISITES:
- **Advisory:** English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R5 and W5; Mathematics 46 with a grade of "C" or better, or equivalent or Assessment Skill Level/Milestone M40.
- **Limitation on Enrollment:** This course is not open to students with previous credit for Physical Education 280.

This course is an introduction to how the body functions under conditions of exercise stress and how fitness behaviors affect health and wellness. Emphasis is placed on muscular, cardiorespiratory, and other physiological processes that occur as a result of exercise conditioning, as well as their effects on disease risk. This course is intended for students seeking certification as personal trainers.

#### FIELD TRIP REQUIREMENTS:
May be required

#### TRANSFER APPLICABILITY:
Associate Degree Credit & transfer to CSU.

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### 281 Applied Kinesiology

| Offered At: | City, Mesa, Miramar |
| Action(s) Proposed: | Distance Learning - No Other Action |
| **Reviewed** | |
| **Proposed for College(s):** | Mesa |
| **Originating Campus:** | MESA |
| **Dist. Ed Proposed For College(s):** | Mesa |
| **Effective:** | Spring 2019 |

#### REQUISITES:
- **Advisory:** English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R5 and W5.

This course is a study of movement as it relates to exercise under both normal and injury conditions. Students learn the practical implications of exercise on bones, joints, nerves, and muscles. Emphasis is placed on applying body alignment, range of motion, stabilization, and acceleration principles to the development of exercise programs. This course is intended for students seeking certification as personal trainers.

#### FIELD TRIP REQUIREMENTS:
May be required

#### TRANSFER APPLICABILITY:
Associate Degree Credit & transfer to CSU.
### Subject: Exercise Science (EXSC) Discipline: Physical Education

#### 282 Techniques of Weight Training
- **Offered At:** City, Mesa, Miramar
- **Action(s) Proposed:** Distance Learning - No Other Action
- **Reviewed**
- **Proposed for College(s):** Mesa
- **Originating Campus:** MESA
- **Dist. Ed Proposed For College(s):** Mesa
- **Effective:** Spring 2019

**REQUISITES:**
*Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R5 and W5.

**Limitation on Enrollment:** This course is not open to students with previous credit for Physical Education 282.

This course is an introduction to teaching techniques in weight training. Topics include anatomy, physiology, training sequences, equipment options, safety factors, and contraindications. This course is intended for students seeking certification as personal trainers.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.

#### 283 Exercise and Fitness Assessment
- **Offered At:** City, Mesa, Miramar
- **Action(s) Proposed:** Distance Learning - No Other Action
- **Reviewed**
- **Proposed for College(s):** Mesa
- **Originating Campus:** MESA
- **Dist. Ed Proposed For College(s):** Mesa
- **Effective:** Fall 2019

**REQUISITES:**
*Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R5 and W5.

**Limitation on Enrollment:** This course is not open to students with previous credit for Physical Education 283.

This course provides students with the skills necessary to assess and evaluate exercise and fitness parameters. Topics include the measurement and evaluation of cardiorespiratory endurance; muscular strength and endurance; flexibility; body fat; pulmonary function; and blood pressure. Emphasis is placed on determining the appropriate test, conducting the test, interpreting the results, and creating an exercise program. This course is intended for students seeking certification as personal trainers.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.

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*Requires Board of Trustees approval prior to implementation  
~Course requires CCCCO submission*


**Subject: Exercise Science (EXSC) Discipline: Physical Education**

### 284 Fitness and Sports Nutrition

- **Offered At:** City, Mesa, Miramar
- **Action(s) Proposed:** Distance Learning - No Other Action
- **Reviewed**
- **Proposed for College(s):** Mesa
- **Originating Campus:** MESA
- **Dist. Ed Proposed For College(s):** Mesa
- **Effective:** Fall 2019

**REQUISITES:**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R5 and W5.

*Limitation on Enrollment:* This course is not open to students with previous credit for Physical Education 284.

This course covers the basic principles of nutrition and the ramifications of nutrition on sports activities. Topics include general nutrition, nutritional considerations for optimal sports performance, and weight control. This course is intended for students seeking certification as personal trainers.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.

### 285 Exercise for Special Populations

- **Offered At:** City, Mesa, Miramar
- **Action(s) Proposed:** Distance Learning - No Other Action
- **Reviewed**
- **Proposed for College(s):** Mesa
- **Originating Campus:** MESA
- **Dist. Ed Proposed For College(s):** Mesa
- **Effective:** Fall 2019

**REQUISITES:**

*Advisory:* English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R5 and W5.

*Limitation on Enrollment:* This course is not open to students with previous credit for Physical Education 285.

This course presents exercise implications for special populations related to age, medical condition, and level of fitness. Emphasis is placed on cardiac conditions; diabetes; obesity; physical disabilities; Human Immunodeficiency Virus (HIV) and Acquired Immune Deficiency Syndrome (AIDS); asthma; and sensory impairments. Issues and barriers to exercise are included for each of the following groups: seniors; children; athletes; the mentally impaired; and pregnant and postpartum women. This course is intended for students seeking certification as personal trainers.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.

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*Requires Board of Trustees approval prior to implementation
--Course requires CCCCO submission
Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology

<table>
<thead>
<tr>
<th>101 Fire Protection Organization</th>
<th>Offered At: Miramar</th>
</tr>
</thead>
<tbody>
<tr>
<td>48 - 54 hours lecture, 3 units</td>
<td>Action(s) Proposed: Course Revision</td>
</tr>
<tr>
<td>Grade Only</td>
<td>(May Include Activation)</td>
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<td></td>
<td>Six Year Review</td>
</tr>
<tr>
<td>REQUISITES:</td>
<td>Advisory (Change)</td>
</tr>
<tr>
<td>Advisory: English 47A or English 48 and English 49, each with a grade of &quot;C&quot; or better, or equivalent or Assessment Skill Levels/Milestones R5 and W5.</td>
<td>Approved</td>
</tr>
<tr>
<td>Limitation on Enrollment: This course is not open to students with previous credit for Fire Technology 101.</td>
<td>Proposed for College(s): Miramar</td>
</tr>
<tr>
<td>This course introduces students to the philosophy and history of fire protection as well as to career opportunities in fire protection and related fields. Topics include fire loss analysis; the organization and function of public and private fire protection services and systems; the fire department as part of local government; laws and regulations affecting the fire service; fire service nomenclature; basic fire chemistry and physics; and fire strategy and tactics. This course is intended for students majoring in Fire Technology or anyone interested in fire protection.</td>
<td>Originating Campus: MIRAMAR</td>
</tr>
<tr>
<td>FIELD TRIP REQUIREMENTS: May be required</td>
<td>Effective: Fall 2019</td>
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<tr>
<td>TRANSFER APPLICABILITY: Associate Degree Credit &amp; transfer to CSU.</td>
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</tbody>
</table>

Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

| 48 - 54 hours lecture, 3 units | Action(s) Proposed: Distance Learning - No Other Action |
| Grade Only | Reviewed |
| REQUISITES: | Proposed for College(s): Mesa |
| Prerequisite: Medical Assisting 110 with a grade of "C" or better, or equivalent. | Originating Campus: MESA |
| Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R5 and W5. | Dist. Ed Proposed For College(s): Mesa |
| Limitation on Enrollment: This course is not open to students with previous credit for Health Information Technology 155C. | Effective: Fall 2019 |
| This introductory course for Health Information Technology students includes the use of Current Procedural Terminology (CPT) coding. The course covers the purpose of CPT, CPT Manual format, code format, and coding steps used to code from the six divisions of CPT: Evaluation & Management, Anesthesia, Surgery, Radiology, Pathology & Laboratory, and Medicine. In addition, the course includes national and category III codes. It also includes an overview of reimbursement issues involving physician and hospital payment for outpatient services. This course is also available to hospital and doctors' office employees. | |
| FIELD TRIP REQUIREMENTS: May be required | |
| TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. | |
### Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Offered At:</th>
<th>Action(s) Proposed:</th>
<th>Reviewed</th>
<th>Proposed for College(s):</th>
<th>Originating Campus:</th>
<th>Dist. Ed Proposed For College(s):</th>
<th>Effective:</th>
</tr>
</thead>
<tbody>
<tr>
<td>214 ICD Coding I</td>
<td>32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only&lt;br&gt;<strong>REQUISITES:</strong>&lt;br&gt;<em>Prerequisite:</em> Medical Assisting 115 with a grade of &quot;C&quot; or better, or equivalent.&lt;br&gt;<em>Limitation on Enrollment:</em> Course not open to students with a &quot;C&quot; or better in HEIT 155A if taken after 2011.&lt;br&gt;<em>Limitation on Enrollment:</em> Special Admission - must be admitted to program.&lt;br&gt;This is the first of a two-course sequence for Health Information Technology students. It focuses on the International Classification of Diseases (ICD), the most commonly used classification system in the US for coding and reporting diagnostic inpatient and outpatient services and inpatient procedural services. Coding guidelines, conventions and reimbursement methodology are covered in this course. The student uses both the code books and computer software program.&lt;br&gt;&lt;br&gt;<em>FIELD TRIP REQUIREMENTS:</em> May be required&lt;br&gt;&lt;br&gt;<em>TRANSFER APPLICABILITY:</em> Associate Degree Credit &amp; transfer to CSU.</td>
<td>Mesa</td>
<td>Distance Learning - No Other Action</td>
<td>Reviewed</td>
<td>Mesa</td>
<td>MESA</td>
<td>Mesa</td>
<td>Fall 2019</td>
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<th>Course</th>
<th>Description</th>
<th>Offered At:</th>
<th>Action(s) Proposed:</th>
<th>Reviewed</th>
<th>Proposed for College(s):</th>
<th>Originating Campus:</th>
<th>Dist. Ed Proposed For College(s):</th>
<th>Effective:</th>
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<tbody>
<tr>
<td>215 ICD Coding II</td>
<td>32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only&lt;br&gt;<strong>REQUISITES:</strong>&lt;br&gt;<em>Prerequisite:</em> Health Information Technology 214 with a grade of &quot;C&quot; or better, or equivalent.&lt;br&gt;<em>Limitation on Enrollment:</em> Course not open to students with a &quot;C&quot; or better in HEIT 155B if taken after 2011.&lt;br&gt;This course is the second of a two-course sequence for Health Information Technology students. The emphasis is on advanced principles of International Classification of Diseases-Procedure Coding System (ICD-PCS), the most commonly used classification system in the US for coding and reporting inpatient procedural services. Coding guidelines, conventions and reimbursement methodology are also covered. Advanced principles include Diagnostic Related Group (DRG) case mix derivation, analysis of compliant coding, documentation improvement for correct code assignment, hospital acquired conditions, and present admission indicators that impact the code assignment and revenue cycle. The student uses both the code books and computer software program.&lt;br&gt;&lt;br&gt;<em>FIELD TRIP REQUIREMENTS:</em> May be required&lt;br&gt;&lt;br&gt;<em>TRANSFER APPLICABILITY:</em> Associate Degree Credit &amp; transfer to CSU.</td>
<td>Mesa</td>
<td>Distance Learning - No Other Action</td>
<td>Reviewed</td>
<td>Mesa</td>
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<td>Mesa</td>
<td>Fall 2019</td>
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</table>
Subject: Medical Laboratory Technician Training (MLTT) Discipline: Biotechnology

201 Clinical Chemistry and Urinalysis
16 - 18 hours lecture, 144 - 162 hours lab, 4 units
Grade Only

REQUISITES:
Prerequisite: Biology 107 or Biology 131, each with a grade of "C" or better, or equivalent; and Chemistry 130, Chemistry 130L, Biology 230, and Biology 235, each with a grade of "C" or better, or equivalent completed within seven years prior to enrollment.
Advisory: English 101 and Mathematics 96, each with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R6, W6, and M50.
Limitation on Enrollment: Must obtain an Add Code from the instructor for enrollment. Required to verify recency of prerequisite coursework.

This course introduces the theory and practice underlying the basic methodologies used in clinical chemistry and urinalysis. Lecture topics include an introduction to components of body fluids such as blood and urine; basic principles of the clinical laboratory; quality control and quality assurance; patient confidentiality; and safe handling practices of body fluids. Laboratory topics include principles and theories of clinical chemistry with an emphasis on methodologies and instrumentation common to the clinical chemistry and urinalysis laboratory; specimen handling; measurement; and data analysis. This course is intended for students majoring in Medical Laboratory Technology or those wanting to update their medical laboratory skill set.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Offered At: Miramar

Action(s) Proposed: Course Revision
(May Include Activation)
Six Year Review
Course Description
Critical Thinking Assignments
Outside Assignments
Texts

Approved

Proposed for College(s): Miramar

Originating Campus: MIRAMAR

Effective: Fall 2019

*Requires Board of Trustees approval prior to implementation
~Course requires CCCCO submission
**Subject: Medical Laboratory Technician Training (MLTT) Discipline: Biotechnology**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Offered At</th>
<th>Action(s) Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>202</td>
<td>Clinical Hematology and Immunology</td>
<td>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</td>
<td>Miramar</td>
<td>Course Revision (May Include Activation)</td>
</tr>
<tr>
<td>203</td>
<td>Clinical Microbiology</td>
<td>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</td>
<td>Miramar</td>
<td>Course Revision (May Include Activation)</td>
</tr>
</tbody>
</table>

**REQUISITES:**

*Prerequisite:* Biology 107 or Biology 131, each with a grade of "C" or better, or equivalent; and Chemistry 130, Chemistry 130L, Biology 230, and Biology 235, each with a grade of "C" or better, or equivalent completed within seven years prior to enrollment.

*Advisory:* English 101 and Mathematics 96, each with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R6, W6, and M50.

*Limitation on Enrollment:* Must obtain an Add Code from the instructor for enrollment. Required to verify recency of prerequisite coursework.

This course introduces the theory and practice underlying the basic methodologies used in clinical hematology, immunology, and blood banking. Lecture topics include an introduction to components of blood with emphasis on the immune system and blood typing; principles and practices of blood banking; quality control and quality assurance; patient confidentiality; and safe handling practices of body fluids. Laboratory topics include principles and theories of clinical hematology and immunology with an emphasis on methodologies; specimen handling; measurement; and data analysis. This course is intended for students majoring in Medical Laboratory Technology or those wanting to update their medical laboratory skill set.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.

*Requires Board of Trustees approval prior to implementation
Course requires CCCCO submission
Subject: Medical Laboratory Technician Training (MLTT)  Discipline: Biotechnology

~204 Principles of Blood Banking  
32 - 36 hours lecture, 2 units Grade Only

REQUISITES:
Prerequisite: Medical Laboratory Technician Training 202 with a grade of "C" or better, or equivalent.
This course introduces the theoretical and practical concepts of blood banking and transfusion medicine. Major topics include donor screening and selection; basic blood group serology; component selection and therapeutic use; hemolytic disease of the fetus/newborn (HDN); and transfusion reactions. Other topics include blood group antigens and rhesus (ABO/Rh) grouping; antibody screening; compatibility testing; and single antibody identification. This course provides a deep understanding of the fundamentals of blood banking technology and equips entry level medical laboratory technicians with the required knowledge and skills to sit for the national certification examinations.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Offered At: Miramar
Action(s) Proposed: Course Revision
(May Include Activation)
Six Year Review
Course Description
Critical Thinking Assignments
Outside Assignments
Stand Alone Status
Texts

Approved

Proposed for College(s): Miramar
Originating Campus: MIRAMAR
Effective: Fall 2019

Subject: Music (MUSI)  Discipline: Music

~ 290 Independent Study  
48 - 162 hours other, 1-3 units Letter Grade or Pass/No Pass Option

REQUISITES:
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels/Milestones R5 and W5.
Limitation on Enrollment: Must obtain an Add Code from the instructor for enrollment. This course affords students the opportunity to pursue special interests in music. Projects may include extended research on music subjects addressed in scheduled music classes as well as topics outside the music curriculum. The culmination of the course may include a written paper, presentation or performance. An Independent Study has to be arranged with, approved and monitored by a member of the music faculty.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Offered At: City, Mesa, Miramar
Action(s) Proposed: Course Revision
(May Include Activation)
Six Year Review
Advisory (New)
Course Description
Methods of Instruction
Stand Alone Status (Miramar)
Texts

Approved

Proposed for College(s): City, Mesa, Miramar
Originating Campus: MESA
Effective: Fall 2019

*Requires Board of Trustees approval prior to implementation
~Course requires CCCCO submission
PROGRAM CHANGES
(Note: To view from Proposals screen, click Program Search button, scroll down to program name, then option title, if appropriate, and click PR icon.)

*Computer Business Technology
  Program Deactivation—Approved
  Computer Business Technology—Mesa, PID 3663: Effective Fall 2019
  Administrative Assistant Certificate of Achievement

*Computer Information Systems
  New Program—Approved
  Computer and Information Sciences—City, PID 3601: Effective: Fall 2019
  Game Programming Certificate of Performance

*Physical Sciences
  Program Deactivation—Approved
  Chemistry—Mesa, PID 3625: Effective Fall 2019
  Chemistry Technician Associate of Science

*Physical Sciences
  Program Deactivation—Approved
  Chemistry—Mesa, PID 3624: Effective Fall 2019
  Chemistry Technician Certificate of Achievement

*Requires Board of Trustees approval prior to implementation
~Course requires CCCC0 submission