

## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice**

<p><b>106 Diversity and Community Relations</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.                      This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict. The course emphasizes the challenges and prospects of administering justice within a diverse multicultural population from the perspective of the individual peace officer as well as the broader perspective of the criminal justice system including the police, courts, and corrections. Subject matter emphasizes the major cultural groups in California and the community relations problems facing law enforcement personnel. This course is intended for students majoring in Administration of Justice or anyone interested in law enforcement community relations.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice**

<p><b>160 Criminal Law II</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.                      This course is an introduction to dangerous weapons control laws, homicide, and miscellaneous offenses. Other topics include false imprisonment; kidnapping; sex crimes; public safety and morals; burglary; robbery and extortion; theft and embezzlement; controlled substance and alcohol abuse; forgery; arson; and Alcohol Beverage Control (ABC) laws. This course is intended for students majoring in Administration of Justice or anyone interested in criminal law.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Course Description</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice**

<p><b>162 Criminal Investigation</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.                      This course is an introduction to the techniques, procedures, and ethical issues in crime scene investigations. Topics include the organization of the investigative process; crime scene searches; interviewing and interrogating; surveillance; sources of information; utility of evidence; scientific analysis of evidence; and the role of the investigator in the case development and trial processes. Students also learn how to collect and preserve physical evidence, gather information, and identify, collect, and preserve fingerprints. This course is intended for students majoring in Administration of Justice or anyone interested in the criminal investigations process.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Course Description</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice**

<p><b>180 Drug Abuse and Law Enforcement</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Administration of Justice 265.                      This course offers students the opportunity to analyze and effectively address drug abuse issues that are encountered in law enforcement. Topics include drug laws and major drug categories, their effects, and associated types of paraphernalia. This course is intended for students majoring in Administration of Justice or anyone interested in drug abuse issues.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Course Description</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice or Military Studies or Psychology**

<p><b>205 Leadership Theory and Practice</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Administration of Justice 386 or Military Studies 110.                      This course provides an interdisciplinary foundation in the field of leadership theory and practice. Students study the principles, definitions, and various models of leadership. Topics include the psychological, social, cultural, and physiological aspects of leadership such as traits, skills, styles, and processes; contingency, path-goal, and leader-member exchange theory; the mind-body relationship; and ethics. Students also develop a personal philosophy of leadership and its application to the workplace and everyday life. This course is designed for current or future leaders in public safety organizations, the armed forces, government, business, academia, and non-profit organizations.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. CSU General Education. UC Transfer Course List.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Discipline Change</i>  <i>Methods of Instruction</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice**

<p><b>210 Rules of Evidence</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.                      This course covers the origin, development, philosophy, categories, and legal basis of evidence. Topics include judicial decisions and statutory rules of evidence that govern the admissibility of testimony, writings, and material objects at a criminal trial. Students also learn how constitutional and procedural considerations affect searches and seizures; admissions; confessions; and methods of identification. This course is intended for students majoring in Administration of Justice or anyone interested in criminal legal processes.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice**

<p><b>220 Law Enforcement Forensics</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.                  This course provides an introduction to the role of forensics in criminal investigations. It examines the methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, questioned documents, and controlled substances. Other topics include law enforcement/crime laboratory involvement in the documentation, collection, and analysis of evidence including blood spatter, blood typing, DNA typing, drug/alcohol effects, wounds, trace evidence, documents, footprints, fingerprints, missile trajectory, and scene reconstruction. This course is intended for students majoring in Administration of Justice or anyone interested in law enforcement forensics.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review                  Advisory (New)                  Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice or Emergency Medical Technologies**

<p><b>300 First Aid</b></p> <p align="right"><b>8 - 9 hours lecture, 0.5 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Administration of Justice 381, Administration of Justice 382, Administration of Justice 383, and Administration of Justice 384, each with a grade of "C" or better, or equivalent.                  This course provides first aid training for peace officers and other public safety personnel. Topics include communication, terminology, situation assessment, environmental emergencies, cardiopulmonary resuscitation, medical emergency childbirth, and the emotionally disturbed. This course is intended for practicing public safety personnel who need first aid training as outlined by the State of California regulations.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice**

<p><b>320 Semi-Automatic Pistol Training</b></p> <p style="text-align: right;"><b>24 - 27 hours lab, 0.5 units</b> <b>Grade Only</b></p> <p><b>REQUISITES:</b> <i>Prerequisite:</i> Administration of Justice 323 or Administration of Justice 381, Administration of Justice 382, Administration of Justice 383, and Administration of Justice 384, each with a grade of "C" or better, or equivalent. This course is an introduction to the characteristics and use of the self-loading semi-automatic pistol. Topics include firearms safety, use of force decision making, marksmanship skills, pistol operation, and pistol maintenance. Training occurs in both daylight and lowlight conditions using both basic and combat-oriented firing exercises. This course is intended for practicing law enforcement officers.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Prerequisite (Change)</i> <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice**

<p><b>331A Advanced Officer Training/Field Operations</b></p> <p style="text-align: right;"><b>72 - 88 hours lab, 1.5 units</b> <b>Grade Only</b></p> <p><b>REQUISITES:</b> <i>Prerequisite:</i> Administration of Justice 381, Administration of Justice 382, Administration of Justice 383, and Administration of Justice 384, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Administration of Justice 331. This course is designed to provide updated training in the areas of field tactics, criminal law, and general patrol procedures for members of the Sheriff's Department. It is intended for practicing deputies and sergeants who are being assigned to patrol stations for the first time or being reassigned to patrol after an absence of more than one year.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Limitation on Enrollment (New)</i> <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice**

<p><b>~332A POST Certified Driving Under the Influence Course</b>  <span style="float: right;"><b>24 - 27 hours lab, 0.5 units</b></span>  <span style="float: right;"><b>Grade Only</b></span></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Administration of Justice 381, Administration of Justice 382, Administration of Justice 383, and Administration of Justice 384, each with a grade of "C" or better, or equivalent.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Administration of Justice 332.                  This Peace Officer Standards and Training (POST) certified course provides instruction on technical and legal issues involved in the detection, apprehension and prosecution of the "Driving Under the Influence" (DUI) driver. Emphasis is on the physical symptoms of drivers under the influence, including testing using the current standardized sobriety tests. Other topics include legal considerations, officer safety, and California Department of Motor Vehicles requirements concerning legal sanctions of DUI drivers. This course is intended for practicing police officers.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> Not required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Methods of Instruction</i>  <i>Texts</i>  <i>Title Change</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice**

<p><b>344 Strategies for Advanced Officers</b>  <span style="float: right;"><b>24 - 27 hours lab, 0.5 units</b></span>  <span style="float: right;"><b>Grade Only</b></span></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Administration of Justice 381, Administration of Justice 382, Administration of Justice 383, and Administration of Justice 384, each with a grade of "C" or better, or equivalent.                  This course covers the three fundamentals of tactical training: 1) Shooting principles and combat shooting scenarios where officers are faced with "shoot or no shoot" deadly force decision making; 2) Driving principles and vehicle dynamics to safely operate emergency vehicles during routine and emergency driving situations, and; 3) Arrest and control combative techniques that emphasize hand-to-hand fighting in the control of suspects who resist arrest. This course includes the use of impact weapons. It is intended for practicing law enforcement officers.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> Not required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Methods of Instruction</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Curriculum Instructional Council  
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**Subject: Agriculture (AGRI) Discipline: Agricultural Production**

<p><b>100 Principles of Sustainable Agriculture</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units</b> <b>Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b> <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6. This course is an overview of the historical, social and ecological foundations for a sustainable agriculture. Students gain an understanding of the origins of agriculture, the rise of industrial agriculture, the rise of sustainable agriculture, and the context in which we find ourselves today. This course is intended for students interested in agriculture, environmental science and sustainability.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> Required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Allied Health (ALLH) Discipline: Health Care Ancillaries**

<p><b>48 Basic Skills for Health Care Careers</b></p> <p align="right"><b>32 - 36 hours lecture, 2 units</b> <b>Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b> <i>Advisory:</i> English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30. This course is designed to prepare students interested in entering the health care industry for the college level interdisciplinary skills required in math, oral and written communication. In-class essay development, mathematical word problems, logical reasoning and professionalism are emphasized.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Not applicable to the Associate Degree.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Curriculum Instructional Council  
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**Subject: Architecture (ARCH) Discipline: Architecture**

<p><b>170 Architectural Design</b></p> <p align="right"><b>48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 84 with a grade of "C" or better, or equivalent.                      This course is an introduction to architecture and environmental design. Emphasis is placed on the concepts of form and space as applied to two-dimensional (2-D) and three-dimensional (3-D) design projects. This course is intended for all students interested in architectural design.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. UC Transfer Course List.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Architecture (ARCH) Discipline: Architecture**

<p><b>172 Architectural Design II</b></p> <p align="right"><b>48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Architecture 100 and Architecture 170, each with a grade of "C" or better, or equivalent.  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30 and Architecture 220 with a grade of "C" or better, or equivalent.                      This course is a practical study of architectural design and project development. Emphasis is placed the creation and presentation of building designs. Topics include an introduction to contemporary design theory. This course is intended for architecture majors.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. UC Transfer Course List.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Curriculum Instructional Council  
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**Subject: Architecture (ARCH) Discipline: Architecture**

<p><b>~220 Graphic Design Communication II</b></p> <p align="right"><b>96 - 108 hours lab, 2 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.                      This course is a practical study in the development of architectural presentation drawing. Various media may include, but are not limited to, pencil, pen and ink, 3-dimensional (3-D) constructed models and color rendering techniques. This course is designed for architecture, landscape architecture and interior design majors.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. UC Transfer Course List.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <i>Title Change</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Architecture (ARCH) Discipline: Architecture**

<p><b>~221 Graphic Design Communication III</b></p> <p align="right"><b>96 - 108 hours lab, 2 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Architecture 220 with a grade of "C" or better, or equivalent.  <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6.                      This course is a continuation of Architecture 220. It includes a series of miscellaneous problems designed to develop sketching, drawing and presentation skills as well as the creation of a digital rendering library. Various media may include, but are not limited to, pencil, pen and ink, 3-dimensional (3-D) digital models and color rendering techniques. This course includes an introduction to 3-D modeling and presentation software. This course is designed for architecture, landscape architecture and interior design majors.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. UC Transfer Course List.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Texts</i>  <i>Title Change</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Architecture (ARCH)**

<p><b>*~ 296 Individualized Instruction in Architecture</b>  <div style="text-align: right;"><b>24 - 108 hours other, 0.5-2 units</b> <b>Pass/No Pass</b></div></p> <p><b>REQUISITES:</b>  <i>Limitation on Enrollment:</i> Concurrent enrollment in an approved course of the same discipline is required. The instructor of the related course will supply Add Code to the student, which permits registration in the course.                  This course provides supplemental instruction to reinforce achievement of the learning objectives of a course in the same discipline under the supervision of the instructor of the designated course. Learning activities may employ a variety of self-paced multimedia learning systems, language labs, print and electronic resources, laboratory, or field research arrangements, to assist student in reaching specific learning objectives. This open entry/open exit course is offered concurrently with designated courses.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Deactivation (Not at any College)  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Automotive Technology (AUTO)**

<p><b>*~53A Introduction to Automotive Technology Module I</b>  <div style="text-align: right;"><b>12 - 13.5 hours lecture, 12 - 13.5 hours lab, 1 units</b> <b>Grade Only</b></div></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20.  <i>Advisory:</i> Completion of or concurrent enrollment in English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Automotive Technology 112 or Automotive Technology 53.                  This first course in a three course series introduces students to automotive tools and safety procedures. Topics include safety equipment, safe work habits, and the use of basic automotive hand, power, and lifting tools. This course is intended for beginning automotive technology students or anyone interested in the automotive industry.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Deactivation (Not at any College)  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation  
 ~Course requires CCCC submission

## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Automotive Technology (AUTO)**

<p><b>*~53B Introduction to Automotive Technology Module II</b>  <span style="float: right;"><b>12 - 13.5 hours lecture, 12 - 13.5 hours lab, 1 units</b></span>  <span style="float: right;"><b>Grade Only</b></span></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Automotive Technology 53A with a grade of "C" or better, or equivalent; Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20.  <i>Advisory: Completion of or concurrent enrollment in</i> English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Automotive Technology 112 or Automotive Technology 053.                      This second course in a three course series provides an overview of major automotive systems. Topics include engines; engine electrical systems; fuel, ignition, and emission systems; power train; chassis system; and brakes. This course is intended for beginning automotive technology students or anyone interested in the automotive industry.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Deactivation (Not at any College)  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Automotive Technology (AUTO)**

<p><b>*~53C Introduction to Automotive Technology Module III</b>  <span style="float: right;"><b>4 - 4.5 hours lecture, 36 - 40.5 hours lab, 1 units</b></span>  <span style="float: right;"><b>Grade Only</b></span></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Automotive Technology 53A and Automotive Technology 53B, each with a grade of "C" or better, or equivalent; Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20.  <i>Advisory: Completion of or concurrent enrollment in</i> English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Automotive Technology 112 or Automotive Technology 53.                      This third course in a three course series introduces students to the automotive industry and vehicle diagnostics. Topics include occupational options, industry terminology, vehicle diagnostic procedures, and vehicle inspections/repair estimates. This course is intended for beginning automotive technology students or anyone interested in the automotive industry.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Deactivation (Not at any College)  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Automotive Technology (AUTO) Discipline: Automotive Technology**

<p><b>69 Climate Control Systems</b>  <b>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30. Automotive Technology 53 and Automotive Technology 61, each with a grade of "C" or better, or equivalent.  <i>Advisory: Completion of or concurrent enrollment in</i> Automotive Technology 62 with a grade of "C" or better, or equivalent.                  This course introduces students to automotive climate control systems. Topics include heating, ventilation, and air conditioning (HVAC) systems and related components. Students diagnose and repair common problems with climate control systems including manual, electronic and vacuum controls; evacuation and recharging of air conditioning; and component replacement. Other topics include safety, environmental concerns, and Environmental Protection Agency (EPA) 609 Refrigerant Handling License requirements. This course prepares students for the Automotive Service Excellence (ASE) A7 certification and is intended for students majoring in automotive technology.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Course Description</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Automotive Technology (AUTO) Discipline: Automotive Technology**

<p><b>69T Honda/Toyota Climate Control Systems</b>  <b>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Automotive Technology 61T with a grade of "C" or better, or equivalent.  <i>Corequisite: Completion of or concurrent enrollment in</i> Automotive Technology 62T with a grade of "C" or better, or equivalent.  <i>Advisory:</i> English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.                  This course introduces students to Honda- and Toyota-specific climate control systems, including Heating, Ventilation, and Air Conditioning (HVAC) systems and related components. Students diagnose and repair common problems with climate control systems, including manual, electronic and vacuum controls; evacuation and recharging of air conditioning; and component replacement. Other topics include safety and environmental concerns; Environmental Protection Agency (EPA) 609 Refrigerant Handling License requirements; and Honda/Toyota hybrid vehicle climate control systems. This course prepares students for the Automotive Service Excellence (ASE) A7 certification and is intended for automotive technology students seeking Honda Professional Automotive Career Training (PACT) or Toyota Technician (T-TEN) certification.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Methods of Instruction</i>  <i>Prerequisite (New)</i>  <i>Supplies</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation  
 ~Course requires CCCC submission

## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Automotive Technology (AUTO) Discipline: Automotive Technology**

<p><b>72 Manual Drive Train and Axles</b>  <span style="float: right;"><b>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</b></span>  <span style="float: right;"><b>Grade Only</b></span></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30. Automotive Technology 53 and Automotive Technology 61, each with a grade of "C" or better, or equivalent.  <i>Advisory: Completion of or concurrent enrollment in</i> Automotive Technology 62 with a grade of "C" or better, or equivalent.                      This course familiarizes students with manual transmissions, final drives, and transaxles. Topics include clutch assemblies, manual transmissions, manual transaxles, transfer cases, and rear-wheel, 4-wheel, and all-wheel drive systems. This course prepares students for the Automotive Service Excellence (ASE) A3 certification and is intended for students majoring in automotive technology.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Course Description</i>  <i>Methods of Instruction</i>  <i>Outside Assignments</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Automotive Technology (AUTO) Discipline: Automotive Technology**

<p><b>72T Honda/Toyota Manual Drive Train and Axles</b>  <span style="float: right;"><b>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</b></span>  <span style="float: right;"><b>Grade Only</b></span></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Automotive Technology 61T with a grade of "C" or better, or equivalent.  <i>Corequisite: Completion of or concurrent enrollment in</i> Automotive Technology 62T with a grade of "C" or better, or equivalent.  <i>Advisory:</i> English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.                      This course familiarizes students with Honda- and Toyota-specific manual transmissions, final drives, and transaxles. Topics include clutch assemblies, manual transmissions, manual transaxles, transfer cases, and rear-wheel, 4-wheel, and all-wheel drive systems. This course prepares students for the Automotive Service Excellence (ASE) A3 certification and is intended for automotive technology students seeking Honda Professional Automotive Career Training (PACT) or Toyota Technician (T-TEN) certification.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Methods of Instruction</i>  <i>Prerequisite (New)</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation  
 ~Course requires CCCC submission

## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Automotive Technology (AUTO) Discipline: Automotive Technology**

<p><b>74 Automatic Transmissions/Axles</b>  <span style="float: right;"><b>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</b></span>  <span style="float: right;"><b>Grade Only</b></span></p> <p><b>REQUISITES:</b>                      Advisory: English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30; Automotive Technology 53, Automotive Technology 61, and Automotive Technology 62, each with a grade of "C" or better, or equivalent.                      Advisory: <i>Completion of or concurrent enrollment in Automotive Technology 67 with a grade of "C" or better, or equivalent.</i>                      This course covers the principles and operation of hydraulically and electronically controlled transmissions and transaxles. Topics include hydraulics, components, power flow, and the development of a systematic approach to diagnosis and repair. This course prepares students for the Automotive Service Excellence (ASE) A2 certification and is intended for students majoring in automotive technology.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Methods of Instruction</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Automotive Technology (AUTO) Discipline: Automotive Technology**

<p><b>74T Honda/Toyota Automatic Transmissions/Axles</b>  <span style="float: right;"><b>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</b></span>  <span style="float: right;"><b>Grade Only</b></span></p> <p><b>REQUISITES:</b>                      Prerequisite: Automotive Technology 65T with a grade of "C" or better, or equivalent.                      Corequisite: <i>Completion of or concurrent enrollment in Automotive Technology 67T with a grade of "C" or better, or equivalent.</i>                      Advisory: English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.                      This course covers the principles and operation of Honda- and Toyota-specific hydraulically and electronically controlled transmissions and transaxles. Topics include hydraulics, components, power flow, and the development of a systematic approach to diagnosis and repair. This course prepares students for the Automotive Service Excellence (ASE) A2 certification and is intended for automotive technology students seeking Honda Professional Automotive Career Training (PACT) or Toyota Technician (T-TEN) certification.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Prerequisite (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation  
 ~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Automotive Technology (AUTO) Discipline: Automotive Technology**

<p><b>76 Automotive Brake Systems</b>  <b>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30. Automotive Technology 53 and Automotive Technology 61, each with a grade of "C" or better, or equivalent.  <i>Advisory: Completion of or concurrent enrollment in</i> Automotive Technology 62 with a grade of "C" or better, or equivalent.                  This course teaches students brake system diagnosing and replacement procedures. Topics include inspection and measurement of brake components; resurfacing brake drums and disc rotors; hydraulics, wheel cylinders, disc calipers, and master cylinders; brake bleeding; adjustment and repair of drum/disc brakes; and diagnosis of power assist units and computer controlled brake systems. This course prepares students for the Automotive Service Excellence (ASE) A5 certification and is intended for students majoring in automotive technology.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Methods of Instruction</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Automotive Technology (AUTO) Discipline: Automotive Technology**

<p><b>76T Honda/Toyota Automotive Brake Systems</b>  <b>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Automotive Technology 61T with a grade of "C" or better, or equivalent.  <i>Corequisite: Completion of or concurrent enrollment in</i> Automotive Technology 62T with a grade of "C" or better, or equivalent.  <i>Advisory:</i> English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.                  This course teaches students Honda- and Toyota-specific brake system diagnosing and replacement procedures. Topics include inspection and measurement of Honda/Toyota brake components; resurfacing brake drums and disc rotors; hydraulics, wheel cylinders, disc calipers, and master cylinders; brake bleeding; adjustment and repair of drum/disc brakes; and diagnosis of power assist units and computer controlled brake systems. This course prepares students for the Automotive Service Excellence (ASE) A5 certification and California Brake Adjuster C license and is intended for automotive technology students seeking Honda Professional Automotive Career Training (PACT) or Toyota Technician (T-TEN) certification.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Methods of Evaluation</i>  <i>Prerequisite (New)</i>  <i>Supplies</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation  
 ~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Automotive Technology (AUTO) Discipline: Automotive Technology**

<p><b>78 Suspension, Steering and Handling</b>  <b>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30; Automotive Technology 53 with a grade of "C" or better, or equivalent.  <i>Advisory: Completion of or concurrent enrollment in:</i> Automotive Technology 61 with a grade of "C" or better, or equivalent.                  This course covers the theory and repair of automotive suspension, steering, and handling systems. Topics include the design and operation of all components of suspension, steering, four-wheel steering, tires and wheels, and four-wheel alignment of late-model automobiles and light-duty trucks. This course prepares students for Automotive Service Excellence (ASE)A4 certification.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Course Description</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Automotive Technology (AUTO) Discipline: Automotive Technology**

<p><b>78T Honda/Toyota Suspension, Steering and Handling</b>  <b>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Automotive Technology 51T with a grade of "C" or better, or equivalent.  <i>Corequisite: Completion of or concurrent enrollment in</i> Automotive Technology 61T with a grade of "C" or better, or equivalent.  <i>Advisory:</i> English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.                  This course covers the theory and repair of automotive suspension, steering, and handling systems. Topics include the design and operation of all components of suspension, steering, four-wheel steering, tire and wheel, and four-wheel alignment of Honda/Toyota automobiles and light-duty trucks. This course prepares students for Automotive Service Excellence (ASE) A4 certification and is intended for automotive technology students seeking Honda Professional Automotive Career Training (PACT) or Toyota Technician (T-TEN) certification.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Prerequisite (New)</i>  <i>Supplies</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation  
 ~Course requires CCCC submission



**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Aviation (AVIA) Discipline: Aviation**

<p><b>101 Private Pilot Ground School</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <i>Advisory:</i> Concurrent enrollment in Aviation 101L and Aviation 133, each with a grade of "C" or better, or equivalent.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Aviation 140.                  This course provides an introduction to basic aeronautical science and the field of aviation. Topics include aerodynamics and the principles of flight; airplane instruments, engines, and systems; airports; air traffic control and airspace; Federal Aviation Regulations (FARs); aircraft performance; aeromedical factors and decision making; weather and weather services; navigation; and cross country flight planning. This course, combined with AVIA 133 (Human Factors in Aviation), fulfills all requirements for the Federal Aviation Administration (FAA) Private Pilot Knowledge Test. This course is intended for students majoring in Aviation Operations or those pursuing a private pilot's license.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Aviation (AVIA) Discipline: Aviation**

<p><b>101L Private Pilot Flight Lab</b></p> <p align="right"><b>48 - 54 hours lab, 1 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Corequisite:</i> Completion of or concurrent enrollment in Aviation 101 with a grade of "C" or better, or equivalent or FAA-issued Private Pilot Certificate.  <i>Advisory:</i> Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <i>Advisory:</i> Completion of or concurrent enrollment in Aviation 133 with a grade of "C" or better, or equivalent.                  Designed for the beginning pilot, this lab provides a hands-on introduction to basic airplane operations, procedures, regulations, and techniques using a flight simulator. Topics include ground operations, flight maneuvers, airplane control, flight by reference to instruments, and communications. This course is intended for students majoring in Aviation Operations or those pursuing a private pilot's license.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Aviation (AVIA) Discipline: Aviation or Earth Science or Geography**

<p><b>115 Aviation Weather</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.                      This course is an introduction to atmospheric science, including applications to flight. Topics include the composition and structure of the atmosphere, atmospheric pressure, air circulation, winds, turbulence, precipitation, air masses, severe weather, clouds, air stability, and climate. Through examination of these topics, students gain an understanding of the scientific method and the methodologies of scientific investigation used to explain and predict weather phenomena. Other topics include the relationships between meteorology, technology, and economics; global climate change; and the interpretation and use of aviation weather charts, briefs, reports, and forecasts. This course is intended for students majoring in Aviation Operations or anyone interested in weather phenomena.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. IGETC. UC Transfer Course List. CSU General Education.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review                      Advisory (New)                      Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Aviation (AVIA) Discipline: Aviation**

<p><b>125 Aviation and Airport Management</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Aviation 120.                      This course introduces students to the major aspects of aviation and airport management. Topics include the airport-airway system, airport planning and development, aviation operations and management, community relations, governing regulations, security, and careers. This course is intended for students majoring in Aviation Operations or those interested in the aviation industry.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review                      Advisory (New)                      Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation  
 ~Course requires CCCC submission

## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Aviation (AVIA) Discipline: Administration of Justice or Aviation or Fire Technology or Psychology**

<p><b>128 Group Dynamics for High Risk Teams</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.                      This course introduces students to the fundamentals of Team Resource Management (TRM), an error management strategy now applied in a wide array of high-risk industries that is designed for technical teams operating in high-stress environments. In this course, students become familiar with TRM processes as a way to expose and manage team errors as they shape authority relations in a dynamic context thereby honing skills of observation, analytic problem solving, and critical thinking. This course is intended for students majoring in Aviation Operations or anyone interested in leadership and group dynamics.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review                      Advisory (New)</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Aviation (AVIA) Discipline: Aviation**

<p><b>151 Helicopter Pilot Ground School</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation 101 with a grade of "C" or better, or equivalent.  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20.                      This course provides an introduction to helicopter operations and careers. Topics include the aerodynamic principles of helicopter flight; helicopter instruments, engines, and systems; helicopter performance and operating characteristics; and airports, airspace, weather, weather services, and navigation as they pertain to helicopter operations. This course, combined with AVIA 101 (Private Pilot Ground School) and AVIA 133 (Human Factors in Aviation), fulfills all requirements for the FAA Helicopter Private Pilot Knowledge Test. It is intended for students majoring in Aviation Operations or those seeking helicopter pilot qualification.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review                      Advisory (New)</i></p> <p><i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Aviation (AVIA) Discipline: Aviation**

<p><b>195 Instrument Ground School</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation 101 with a grade of "C" or better, or equivalent or FAA-issued Private Pilot Certificate.  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30; Aviation 101L with a grade of "C" or better, or equivalent or FAA-issued Private Pilot Certificate.  <i>Advisory: Concurrent enrollment in Aviation 195L.</i>  <i>Advisory: Completion of or concurrent enrollment in Aviation 133 with a grade of "C" or better, or equivalent.</i>                      This course provides an introduction to basic Instrument Flight Rules (IFR) procedures, regulations, and techniques. Topics include airplane instruments and instrument flying techniques, IFR airspace and air traffic control procedures, pertinent Federal Aviation Regulations (FAR), IFR weather and weather services, aeromedical factors and decision making in instrument conditions, and IFR flight planning. This course is intended for students majoring in Aviation Operations or anyone interested in flight training.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Aviation (AVIA) Discipline: Aviation**

<p><b>195L Basic Instrument Flight Lab</b></p> <p align="right"><b>48 - 54 hours lab, 1 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation 101 and Aviation 101L, each with a grade of "C" or better, or equivalent or FAA-issued Private Pilot Certificate.  <i>Corequisite: Completion of or concurrent enrollment in Aviation 195 with a grade of "C" or better, or equivalent or FAA-issued Instrument Pilot Certificate.</i>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30; Aviation 133 with a grade of "C" or better, or equivalent.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Aviation 196.                      This laboratory course provides an introduction to basic Instrument Flight Rules (IFR) procedures, regulations, and techniques through the use of an airplane flight simulator. Designed for the private pilot, this course provides an introduction to airplane instruments and instrument flying techniques, flight into IFR airspace and air traffic control procedures, pertinent Federal Aviation Regulations (FARs), IFR weather and weather services, aeromedical factors and decision making in instrument conditions, and IFR flight planning. It is intended for students majoring in Aviation Operations or anyone interested in flight training.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Aviation (AVIA) Discipline: Aviation**

<p><b>196L Advanced Instrument Flight Lab</b></p> <p align="right"><b>48 - 54 hours lab, 1 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation 195 and Aviation 195L, each with a grade of "C" or better, or equivalent or FAA-issued Instrument Pilot Certificate.  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30; Aviation 133 with a grade of "C" or better, or equivalent.                      This laboratory course provides advanced study and practice in basic Instrument Flight Rules (IFR) procedures, regulations, and techniques through the use of an airplane flight simulator. Designed for students seeking instrument flight certification, this course provides advanced practice in airplane instruments and instrument flying techniques, flight into IFR airspace, instrument navigation, and instrument approach procedures. It is intended for students majoring in Aviation Operations or anyone interested in flight training.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Aviation (AVIA) Discipline: Aviation**

<p><b>201 Commercial Pilot Ground School</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation 101 with a grade of "C" or better, or equivalent FAA-issued Private Pilot Certificate.  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30; Aviation 133 with a grade of "C" or better, or equivalent.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Aviation 200.                      This course provides an overview of the aeronautical knowledge and job requirements for a commercial pilot. Topics include advanced study of aerodynamics; large and multi-engine aircraft systems; performance and weight and balance; air traffic control and airspace, Federal Aviation Regulations (FARs); aeromedical factors and decision making; weather and weather services; and international flight planning, navigation, and procedures. This course, combined with AVIA 133 (Human Factors in Aviation), fulfills all requirements for the Federal Aviation Administration (FAA) Commercial Pilot Knowledge Test. This course is intended for students majoring in Aviation Operations or those seeking commercial pilot qualification.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation  
 ~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Aviation (AVIA) Discipline: Aviation**

<p><b>215L Basic Instrument Flight Instructor Lab</b></p> <p align="right"><b>48 - 54 hours lab, 1 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation 196L with a grade of "C" or better, or equivalent.  <i>Corequisite:</i> Completion of or concurrent enrollment in Aviation 211 with a grade of "C" or better, or equivalent.  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30; Aviation 128 and Aviation 201, each with a grade of "C" or better, or equivalent.                      This course provides an introduction to applied methods of Instrument Flight Rules (IFR) flight instruction. The course utilizes a flight simulator lab in which students practice applied flight instruction techniques under the direct supervision of a Certified Flight Instructor - Instrument (CFII). It is intended for students majoring in Aviation Operations or those seeking qualification as a flight instructor.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Corequisite (New)</i>  <i>Prerequisite (Change)</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Aviation (AVIA) Discipline: Aviation**

<p><b>216L Advanced Instrument Flight Instructor Lab</b></p> <p align="right"><b>48 - 54 hours lab, 1 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation 215L with a grade of "C" or better, or equivalent.  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30; Aviation 128 and Aviation 201, each with a grade of "C" or better, or equivalent.                      This course provides advanced study of applied methods of Instrument Flight Rules (IFR) flight instruction. The course utilizes a flight simulator lab in which students practice applied flight instruction techniques under the direct supervision of a Certified Flight Instructor - Instrument (CFII). It is intended for students majoring in Aviation Operations or those seeking qualification as a flight instructor.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Aviation (AVIA) Discipline: Administration of Justice or Aviation or Fire Technology or Psychology**

<p><b>228 Group Dynamics II</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation 128 with a grade of "C" or better, or equivalent.  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.                      This aviation course offers students the opportunity to continue developing "reflective-practitioner" skills, building on learning experienced in AVIA 128. Emphasizing an error management strategy called Team Resource Management, students explore further the nature of "roles" and the impact of group processes as a way to expose and manage team errors. The course also addresses how professionals in high-risk fields such as aviation might increase their awareness of the dynamics of authority relations, factors affecting the act of authorizing, and the interdependent nature of leadership in aviation while assisting participants to learn how to manage anxiety and continue to think and function in stressful situations. This course is intended for students majoring in Aviation Operations or anyone interested in leadership and group dynamics.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Aviation (AVIA) Discipline: Aviation**

<p><b>277D Aviation Service Learning -- on Campus</b></p> <p align="right"><b>48 - 162 hours other, 1-3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation 105 and Aviation 101 or Aviation 133, each with a grade of "C" or better, or equivalent.  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.  <i>Limitation on Enrollment:</i> Must obtain an Add Code from the instructor for enrollment. Students in this course develop and implement service learning projects related to the Aviation (AVIA) subject area to help the college's community under the supervision of college faculty and in cooperation with the staff of community organizations and agencies. Projects may include collaboration with college AVIA classes, education projects for college students, mentoring, or shadowing. Students gain hands-on experience in project planning, development, implementation and evaluation. Students meet weekly to receive support training and development opportunities regarding best practices in Service Learning. The combined credit for all 277D discipline courses may not exceed three units.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Aviation Maintenance Technology (AVIM) Discipline: Aeronautics**

<p><b>103A Aircraft Wood, Fabric, Finishing and Composite Structures</b>  <b>48 - 54 hours lecture, 3 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation Maintenance Technology 101G, Aviation Maintenance Technology 101H, Aviation Maintenance Technology 102G, and Aviation Maintenance Technology 102H, each with a grade of "C" or better, or equivalent.                  This course is a study of the design, inspection, servicing, testing, and repair of aircraft wood, composite, plastic enclosures, interior furnishings, and seatbelts. This course is intended for students majoring in Aviation Maintenance Technology or those seeking a Federal Aviation Administration (FAA) Mechanics Certificate with Airframe rating.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Prerequisite (Change)</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Aviation Maintenance Technology (AVIM) Discipline: Aeronautics**

<p><b>103B Aircraft Welding and Sheetmetal Structures</b>  <b>48 - 54 hours lecture, 3 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation Maintenance Technology 101G, Aviation Maintenance Technology 101H, Aviation Maintenance Technology 102G, and Aviation Maintenance Technology 102H, each with a grade of "C" or better, or equivalent.                  This course is a study of the design, inspection, servicing, testing, and repair of aircraft sheet metal and welded structures. Topics include identifying and selecting specific aluminum and steel alloys; selecting appropriate fasteners; and using gas and electric arc welding equipment. This course is intended for students majoring in Aviation Maintenance Technology or those seeking a Federal Aviation Administration (FAA) Mechanics Certificate with Airframe rating.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Prerequisite (Change)</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission



## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Aviation Maintenance Technology (AVIM) Discipline: Aeronautics**

<p><b>103C Aircraft Hydraulic Systems</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Aviation Maintenance Technology 101G, Aviation Maintenance Technology 101H, Aviation Maintenance Technology 102G, and Aviation Maintenance Technology 102H, each with a grade of "C" or better, or equivalent.                      This course is a study of the design, inspection, servicing, testing, and repair of aircraft hydraulic and pneumatic components and systems. Topics include safety considerations, fluid types, seal types, component parts, and troubleshooting issues. This course is intended for students majoring in Aviation Maintenance Technology or those seeking a Federal Aviation Administration (FAA) Mechanics Certificate with Airframe rating.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Prerequisite (Change)</i>  <i>Texts</i></p> <p style="text-align: center;"><b><i>Approved</i></b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Aviation Maintenance Technology (AVIM) Discipline: Aeronautics**

<p><b>104B Applied Aircraft Welding and Sheetmetal Structures</b></p> <p style="text-align: right;"><b>72 - 81 hours lab, 1.5 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Corequisite: Completion of or concurrent enrollment in</i> Aviation Maintenance Technology 103B with a grade of "C" or better, or equivalent.                      This applied course is a study of the design, inspection, servicing, testing, and repair of aircraft sheet metal and welded structures. Topics include gas and electric arc welding; sheet metal layout, bending, and assembly techniques; and conventional and special fasteners. The content of this course meets the minimum requirements of Federal Aviation Regulation (FAR) Part 147, Appendix C, Section I: Subjects D: 14, 15, 16; E. This course is intended for students majoring in Aviation Maintenance Technology or those seeking a Federal Aviation Administration (FAA) Mechanics Certificate with Airframe rating.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Texts</i></p> <p style="text-align: center;"><b><i>Approved</i></b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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 ~Course requires CCCC submission

## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Aviation Maintenance Technology (AVIM) Discipline: Aeronautics**

<p><b>254 Applied Lubrication, Cooling, and Exhaust</b></p> <p style="text-align: right;"><b>48 - 54 hours lab, 1 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Corequisite: Completion of or concurrent enrollment in Aviation Maintenance Technology 253 with a grade of "C" or better, or equivalent.</i>  <i>Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20.</i>  <i>Limitation on Enrollment: This course is not open to students with previous credit for Aviation Maintenance Technology 112B.</i>                      This applied course covers aircraft lubrication, cooling, and exhaust system theory. Topics include inspection, checks, service, repair, and maintenance of aircraft wet and dry sump oil systems; liquid and air powerplant cooling systems; open and collected exhaust powerplant systems; and the identification and selection of lubricants. The content of this course meets the minimum requirements of Federal Aviation Regulation (FAR) Part 147, Appendix D, Section II: Subjects D: 14, 15, 16; I: 29, 30; and J: 31, 32a, 32b. It is intended for students majoring in Aviation Maintenance Technology or those seeking a Federal Aviation Administration (FAA) Mechanics Certificate with Powerplant rating.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Building Construction Technology (BLDC) Discipline: Construction Technology**

<p><b>55 Construction Plan Reading</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.</i>  <i>Limitation on Enrollment: This course is not open to students with previous credit for Building Construction Technology 120.</i>                      This course is a practical study of the use and interpretation of construction plans. Students extract construction requirements from building plans and specifications to obtain information needed to install and direct construction, perform building inspections, prepare estimates, perform appraisals, and maintain buildings. This course is intended for students in Architecture, Interior Design, or Building Construction Technology programs and others who are pursuing careers in these fields.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Building Construction Technology (BLDC) Discipline: Construction Technology**

<p><b>60 Construction Practices I</b></p> <p align="right"><b>48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Building Construction Technology 130.                      This course provides instruction and hands-on experience related to the practical application of basic framing and layout techniques commonly used in residential and commercial light framing. It is intended for students in Building Construction Technology and Architecture as well as trade practitioners or others pursuing a career in the construction industry.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review                      Advisory (Change)</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Building Construction Technology (BLDC) Discipline: Construction Technology**

<p><b>61 Construction Practices II</b></p> <p align="right"><b>48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Building Construction Technology 170.                      This course is a practical study of building practices. Emphasis is placed on basic carpentry and finish techniques as well as the integration of plumbing and electrical systems in residential buildings. Topics include coordinating with other trades, building codes and required regulatory inspections. This course is intended for students in the construction management or inspection programs and anyone interested in residential construction practices.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review                      Advisory (Change)</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Building Construction Technology (BLDC) Discipline: Construction Technology**

<p><b>65 Building Inspection</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Architecture 130, Building Construction Technology 68, and Building Construction Technology 70, each with a grade of "C" or better, or equivalent.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Building Construction Technology 245.                      This class provides students with the skills required to apply the structural and architectural prescriptive requirements of the California Building Code and zoning regulations for design, construction, and inspection of buildings and other fixed works. This course is intended for students in Architecture, Interior Design, and Building Construction Technology, as well as for inspectors, contractors, persons seeking ICC inspection certifications, and construction quality control/assurance personnel.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Building Construction Technology (BLDC) Discipline: Building Codes and Regulations and Construction Technology**

<p><b>68 Electrical, Plumbing and Mechanical Codes</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Building Construction Technology 268.                      This course is a practical study of the application and interpretation of the California Electrical Code, the California Plumbing Code, the California Mechanical Code, and their relation to other California building codes and their source model codes. This course is designed for students in Architecture, Interior Design, Building Construction Technology, designers, inspectors, contractors, trades people and others interested in building codes.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Building Construction Technology (BLDC) Discipline: Construction Technology**

<p><b>75 Construction Management I</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Building Construction Technology 250.                      This course is a practical study of construction project management. Emphasis is placed on Project Management Institute vocabulary and methodology. Topics include contract terms and conditions within the context of project scope management, project time management, project cost management, project quality management, project resource management, project communications management, project risk management, and project procurement management while satisfying project deliverables. This course is designed for students in Architecture, Building Construction Management, superintendents, and others with an interest in project management.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Building Construction Technology (BLDC) Discipline: Construction Technology**

<p><b>80 Construction Project Management and Scheduling</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <i>Advisory:</i> Building Construction Technology 75 with a grade of "C" or better, or equivalent.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Building Construction Technology 255.                      This course is a practical study of construction project management and scheduling. Emphasis is placed on the vocabulary, technology, tools and techniques, risks, and contractual issues related to the development, acceptance, execution, monitoring, and modification of project schedules as they relate to stakeholders and project deliverables. This course is intended for students in Architecture and Construction Management as well as contractors, subcontractors superintendents and others with an interest in project management and scheduling.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Course Description</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Curriculum Instructional Council  
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**Subject: Building Construction Technology (BLDC) Discipline: Construction Technology**

<p><b>95 Building Contractor's License Law</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Building Construction Technology 295.                  This course provides students with the knowledge and skills required to apply the rules and regulations governing construction contracting in California. Emphasis is placed on preparing students to sit for the License Law portion of the various Contractor's License exams administered by the California Contractor's State License Board. This course is intended for students in the Architecture, Interior Design, and Building Construction Technology programs and persons planning on taking the contractor's license examination or who are interested in utilizing construction contracting services.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review                      Advisory (Change)                      Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Computer Business Technology (CBTE)**

<p><b>128 Comprehensive Microsoft PowerPoint</b></p> <p align="right"><b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Computer Business Technology 101 or Computer Business Technology 102, or Computer Business Technology 103 and Computer Business Technology 114, each with a grade of "C" or better, or equivalent.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Computer Business Technology 126.                  This course is a comprehensive hands-on study of the skills required to plan, develop, and deliver PowerPoint presentations on a computer and the Internet. Emphasis is placed on adding and modifying text, graphics, sound, video, and effects such as transitions and custom slide animations. Other topics include adding, modifying and creating templates; adding, importing, and formatting data for tables and charts; customizing presentations; adding interactivity features; and incorporating PowerPoint with other applications. This course is intended for all students and professionals who wish to acquire skills in digital presentations.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City, Mesa, Miramar</p> <p><b>Action(s) Proposed:</b> Course Deactivation *(Active at another College)*</p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2015</p>
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**Curriculum Instructional Council  
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**Subject: Computer Business Technology (CBTE)**

<p><b>153 Intermediate Microsoft Access</b>  <b>40 - 45 hours lecture, 24 - 27 hours lab, 3 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Computer Business Technology 94, Computer Business Technology 101 or Computer Business Technology 102, or Computer Business Technology 103 and Computer Business Technology 114, each with a grade of "C" or better, or equivalent.                  This course is an intermediate level study of Microsoft Access and its use as a relational database management system on a personal computer. Topics include designing relational databases; creating tables, queries, forms and reports; entering data; finding and modifying records; importing from and exporting to other programs; using field properties; understanding the use of Structured Query Language (SQL) in Access; creating and running macros for automating tasks; and planning and designing user interfaces. This course is designed for students and professionals acquiring or updating skills in creating and editing Access databases.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City, Mesa, Miramar</p> <p><b>Action(s) Proposed:</b> Course Deactivation *(Active at another College)*</p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Computer Business Technology (CBTE)**

<p><b>190 Introduction To Quicken</b>  <b>24 - 27 hours lecture, 24 - 27 hours lab, 2 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Computer Business Technology 103 with a grade of "C" or better, or equivalent.                  This course provides hands-on practice with Quicken. Emphasis is placed on organizing and managing financial information and performing on-line banking and bill payments for small businesses and home-based offices using the Quicken program. This course is designed for students and professionals acquiring or updating skills related to managing financial information.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City, Mesa</p> <p><b>Action(s) Proposed:</b> Course Deactivation *(Active at another College)*</p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2015</p>
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**Curriculum Instructional Council  
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**Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education**

<p><b>89 Childcare as a Business</b></p> <p align="right"><b>16 - 18 hours lecture, 1 units Grade Only</b></p> <p><b>REQUISITES:</b> <i>Advisory:</i> English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20. This course provides an overview of appropriate record keeping and business practices necessary to effectively run a daycare business. Topics include the enrollment of children; parent-caregiver relationships; contracts and legal considerations; fee collection; budgets; and reimbursement of food costs. Students explore a variety of business settings including family daycare, franchise, and individual ownership. This course is intended for students planning to operate a childcare business as well as currently practicing child development professionals.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Texts</i> <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education**

<p><b>165 Children With Special Needs</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b> <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. This course is a survey of education for children with special needs. Emphasis is placed on the types and characteristics of special needs as well as on the methods for integrating children with special needs into inclusive educational settings. Topics include the history of special education legislation, current educational compliance requirements and community resources available to parents, teachers and other professionals. This course is designed for professionals and parents who work with children with special needs. This course partially fulfills the specialization requirement for the State of California Master Teacher Permit.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City, Mesa, Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Texts</i> <b>Approved</b></p> <p><b>Proposed for College(s):</b> City, Mesa, Miramar</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

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

<p><b>166 Special Needs Curriculum</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.                      This course is an in-depth study of curriculum for children with special needs. Emphasis is placed on the concept of full inclusion of children with special needs into school/community settings and on related educational strategies and adaptive equipment. This course is designed for parents, teachers, nurses, social workers, and paraprofessionals employed in schools, day care centers, and child development programs. This course partially meets the specialization requirements for the Master Teacher Permit.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City, Mesa, Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City, Mesa, Miramar</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Diesel Technology (DIES) Discipline: Diesel Mechanics**

<p><b>135 Applied Failure Analysis</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 35 or English 42 and English 43, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R4 and W4; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.                      This course introduces students to the fundamental principles involved in failure analysis of heavy duty diesel engine components. Students also learn problem solving techniques based on basic metallurgy concepts, different types of metals, metal forming processes, analysis of fractures, and identification of component wear characteristics. This course is designed for students interested in the commercial diesel and alternative fuel industry.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Methods of Instruction</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Curriculum Instructional Council  
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**Subject: Digital Journalism (DJRN) Discipline: Journalism or Mass Communication or Media Production or Multimedia**

<p><b>205 Community Journalism for Multimedia</b> 32 - 36 hours lecture, 48 - 54 hours lab, 3 units <b>Grade Only</b></p> <p><b>REQUISITES:</b> <i>Advisory:</i> English 101 or English 105, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6 or; Digital Journalism 200, Digital Journalism 210, Radio, Television and Film 140, Journalism 200 or Journalism 210A, each with a grade of "C" or better, or equivalent. This course offers a new-media approach to covering public affairs for online and print news environments. The course guides students through the process of community news reporting. Topics include coverage of local and regional government, city boards, police, courts, and school boards. The course also covers legal and ethical issues in news media, including the unique challenges posed by emerging online formats. This course is designed for students pursuing media-related majors and for those seeking employment in the field.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i> <i>Writing Assignments</i> <b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Dramatic Arts (DRAM) Discipline: Drama/Theater Arts**

<p><b>*~ 260B Spanish One Acts Production and Performance II</b> 48 - 54 hours lab, 1 units <b>Grade Only</b></p> <p><b>REQUISITES:</b> <i>Prerequisite:</i> Dramatic Arts 260A with a grade of "C" or better, or equivalent. This course is an application of the collaborative skills required to produce The Spanish Language One Acts. Emphasis is placed on the coordination of the design and technical elements, stage management, and directing. This course is intended for advanced Spanish language or drama students.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> Required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> NONE</p> <p><b>Action(s) Proposed:</b> New Course <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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## Curriculum Instructional Council Actions Approved – December 11, 2014

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

<p><b>350 Recertification Course for San Diego County EMT</b>  <span style="float: right;"><b>8 - 9 hours lecture, 24 - 27 hours lab, 1 units</b></span>  <span style="float: right;"><b>Grade Only</b></span></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Emergency Medical Technician 105A with a grade of "C" or better, or equivalent EMT certificate.  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.  <i>Limitation on Enrollment:</i> Health and Safety. Students must possess a current Basic Life Support card for Healthcare Provider.                      This 32-hour non-associate degree course provides San Diego County certified Emergency Medical Technician-1 Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations. Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians. This course is intended for practicing Emergency Medical Technicians.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Not applicable to the Associate Degree.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Course Description</i>  <i>Hours Change</i>  <i>Prerequisite (Change)</i>  <i>Texts</i></p> <p style="text-align: center;"><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology**

<p><b>101 Fire Protection Organization</b>  <span style="float: right;"><b>48 - 54 hours lecture, 3 units</b></span>  <span style="float: right;"><b>Grade Only</b></span></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Fire Technology 101.                      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.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Course Description</i>  <i>Equivalency (New)</i>  <i>Texts</i></p> <p style="text-align: center;"><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology**

<p><b>105 Fire Behavior and Combustion</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.                      This course introduces students to the theory and fundamentals of fire behavior including how fires start; how and why they spread; and how they are controlled. Topics include fire chemistry and physics; fire characteristics of materials; extinguishing agents; and fire control techniques. This course is intended for students majoring in Fire Technology or anyone interested in fire science.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Reading Assignments</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology or Search and Rescue**

<p><b>115 Low Angle Rope Rescue</b></p> <p align="right"><b>24 - 27 hours lab, 0.5 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Fire Technology 115.                      This California Fire Training and Education System course equips students with the information, techniques, and methods needed for utilizing rope, webbing, hardware friction devices, and litters in low angle rescue situations. Topics include rappelling; rope and related equipment; anchor systems; safety lines; stretcher lashing and rigging; mechanical advantage systems; and single line/tow line rescue systems. This course is intended for firefighters, lifeguards, and other emergency response personnel.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Course Description</i>  <i>Discipline Change</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology**

<p><b>120 Firefighter Safety and Survival</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p>This course provides students with the basic principles and history related to the national firefighter life safety initiatives, with a focus on the need for cultural and behavior change throughout the emergency services. Topics include assessment of fire dangers; common fire situations; risk abatement; personal preparation for unforeseen fire emergencies; roles and responsibilities in educating the public on fire safety; and development of a survival attitude. Students learn problem-solving techniques for increased situational awareness and self-reliance in emergencies. This course is intended for students majoring in Fire Technology; practicing firefighters and other emergency service personnel; or anyone with an interest in fire safety.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology**

<p><b>150A Introduction to Fire Suppression and Maintenance Manipulative Tasks (Beginning)</b></p> <p align="right"><b>72 - 81 hours lab, 1.5 units Grade Only</b></p> <p><b>REQUISITES:</b> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Fire Technology 100A or Fire Protection Technology 100A. This course introduces the applied operation and maintenance of basic rescue and fire suppression apparatus and equipment. Topics include ropes, ladders, and other equipment; forcible entry techniques; search and rescue; and physical fitness training. This course is intended for students majoring in the field of fire technology or those interested in a career in the fire service.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i> <i>Equivalency (New)</i> <i>Methods of Instruction</i> <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Curriculum Instructional Council**  
**Actions Approved – December 11, 2014**

**Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology**

<p><b>150B Introduction to Fire Suppression and Maintenance Manipulative Tasks (Intermediate)</b></p> <p align="right"><b>72 - 81 hours lab, 1.5 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Fire Protection Technology 150A with a grade of "C" or better, or equivalent.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Fire Technology 100B or Fire Protection Technology 100B.                  This course provides intermediate-level instruction in the operation and maintenance of fire service equipment. Topics include extinguishers and protective equipment; hose, nozzles, and fittings; hose evolutions; fire service ladders; and salvage and overhaul procedures. The course is designed at an intermediate level within the guidelines of training for Firefighter I certification as specified by the California Fire Service Training and Education Division of the Office of the state Fire Marshal. This course is intended for students majoring in the field of fire technology or those interested in a career in the fire service.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Equivalency (New)</i>  <i>Outside Assignments</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology or Search and Rescue**

<p><b>160 Introduction to Open Water Lifeguarding</b></p> <p align="right"><b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.  <i>Limitation on Enrollment:</i> Health and Safety. Must pass the minimum swimming standard as established by the City of San Diego Lifeguard Service.                  This introductory level course provides foundations in the theoretical background, procedures, and manipulative skills necessary for service as an ocean and inland beach lifeguard. Topics include lifeguarding history; training; education; standardized procedures; environmental protection; ethics; physical and biological characteristics of the beach environment; rescue techniques; facilities and equipment; recordkeeping; public relations; and legal issues. The content of the course follows United States Lifesaving Association standards. This course is intended for students currently employed or seeking employment as open water lifeguards.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (New)</i>  <i>Course Description</i>  <i>Discipline Change</i>  <i>Outside Assignments</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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~Course requires CCCC submission

**Curriculum Instructional Council**  
**Actions Approved – December 11, 2014**

**Subject: Geology (GEOL) Discipline: Earth Science**

<p><b>*~ 111 The Earth Through Time</b></p> <p align="right"><b>48 - 54 hours lecture, 48 - 54 hours lab, 4 units</b>  <b>Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 101 or English 105, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30 and Geology 100 or Geology 104, each with a grade of "C" or better, or equivalent.                  This course covers the principles of historical geology. Topics include the origin and evolution of Earth and its biosphere, plate tectonics, stratigraphy, paleontology, and geologic dating. This course is intended for students with a general interest in geoscience, as well as those majoring in geology, earth science, or geological engineering.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> NONE</p> <p><b>Action(s) Proposed:</b> New Course  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City, Mesa, Miramar</p> <p><b>Originating Campus:</b> MESA</p> <p><i>This course is being proposed at City, Mesa and Miramar for:</i></p> <ul style="list-style-type: none"> <li>• <i>CSU General Education: B3 Area B. Scientific Inquiry and Quantitative Reasoning - Laboratory Activity;</i></li> <li>• <i>B1 Area B. Scientific Inquiry and Quantitative Reasoning - Physical Science</i></li> <li>• <i>IGETC: Area 5. Physical and Biological Sciences - 5A: Physical Science</i>  <i>Area 5. Physical and Biological Sciences - 5C: Science Laboratory</i></li> <li>• <i>District General Education: B2 Natural Sciences - Physical</i></li> </ul> <p><i>This course is being proposed for UC Transfer</i></p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Geology (GEOL)**

<p><b>~290 Independent Study</b></p> <p align="right"><b>48 - 162 hours other, 1-3 units</b>  <b>Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 48 with a grade of "C" or better, or equivalent or Assessment Skill Level R5; Geology 100 and Geology 101 with a grade of "C" or better, or equivalent.  <i>Limitation on Enrollment:</i> Must obtain an Add Code from the instructor for enrollment.</p> <p>For students who wish to study special problems.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> Not required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City, Mesa, Miramar</p> <p><b>Action(s) Proposed:</b> Course Deactivation *(Active at another College)*  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: History (HIST) Discipline: History**

<p><b>130 The Modern Middle East</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units</b> <b>Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b> <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Assessment Skills Level R6 and W6. This course is a survey of modern Middle Eastern history from the Nineteenth Century to the present. Emphasis is placed on analyzing modern Middle Eastern historical events and processes within a global context. Topics include the historical development and role of Islam in the region, the 'decline' and dismemberment of the Ottoman Empire, imperialism, Arab independence movements, the Israeli-Palestinian conflict, the resurgence of Islam and the role of the United States in the region. This course is intended for history majors and all students interested in the contemporary Middle East.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i> <i>Outline of Topics</i> <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Mathematics (MATH)**

<p><b>* ~41 Math Study Skills</b></p> <p align="right"><b>16 - 18 hours lecture, 1 units</b> <b>Pass/No Pass</b></p> <p><b>REQUISITES:</b> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Mathematics 265. This course is designed to assist students in learning mathematics through the development of successful study skills and exam-taking methods. This course addresses learning styles, how to read a math book, completing homework assignments, how to take notes and exams, basics of calculator operations and techniques for overcoming math anxiety. Credit for this course does not apply to the associate degree.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Not applicable to the Associate Degree.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Deactivation (Not at any College)</p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2015</p>
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## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Microsoft (MSFT) Discipline: Computer Information Systems**

<p><b>~130 Configuring Microsoft Windows Client</b>  <span style="float: right;"><b>16 - 18 hours lecture, 72 - 81 hours lab, 2.5 units</b></span>  <span style="float: right;"><b>Grade Only</b></span></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Information, Network, and Web Technologies 100 with a grade of "C" or better, or equivalent.                  This course provides students with the knowledge and skills to install and configure Windows desktops and to configure mobile computers and applications that run on Windows in a network environment. Course content follows the Microsoft Official Academic Course curriculum and is intended to prepare students to take the Microsoft Client component of the Microsoft Certified IT Professional (MCITP) and Microsoft Certified Technology Specialist (MCTS) certification exam.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision                  (May Include Activation)  <i>Six Year Review</i>  <i>Outline of Topics</i>  <i>Outside Assignments</i>  <i>Student Learning Objectives</i>  <i>Texts</i>  <i>TOP Code</i>  <i>Writing Assignments</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Microsoft (MSFT) Discipline: Computer Information Systems**

<p><b>~132 Windows Server Network Infrastructure, Configuring</b>  <span style="float: right;"><b>24 - 27 hours lecture, 72 - 81 hours lab, 3 units</b></span>  <span style="float: right;"><b>Letter Grade or Pass/No Pass Option</b></span></p> <p>This course provides students with the knowledge and skills to configure and troubleshoot a Windows server network infrastructure. Students learn how to configure secure network access, implement fault tolerant storage technologies, secure servers and maintain update compliance. Course content follows the Microsoft Official Academic Course curriculum and is intended to prepare students to take the Microsoft Client component of the Microsoft Certified IT Professional (MCITP) and Microsoft Certified Technology Specialist (MCTS) certification exam.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision                  (May Include Activation)  <i>Six Year Review</i>  <i>Outside Assignments</i>  <i>Prerequisite (Remove)</i>  <i>Student Learning Objectives</i>  <i>Texts</i>  <i>TOP Code</i>  <i>Writing Assignments</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2015</p>
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\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

## Curriculum Instructional Council Actions Approved – December 11, 2014

**Subject: Microsoft (MSFT) Discipline: Computer Information Systems**

<p><b>137 Windows Server Active Directory, Configuring</b>  <b>16 - 18 hours lecture, 72 - 81 hours lab, 2.5 units</b>  <b>Letter Grade or Pass/No Pass Option</b></p> <p>This course provides students with the knowledge and skills to configure Active Directory (AD) Domain Services in a distributed environment, implement group policies, perform back and restore, and monitor and troubleshoot AD related issues. Students also learn to configure identity and access solutions with Windows Server 2008 AD. Course content follows the Microsoft Official Academic Course curriculum and is intended to prepare students to take the Microsoft Server 2008 Active Directory Configuring Exam 70-640 required for the Microsoft Certified Technology Specialist (MCTS) and Microsoft Certified IT Professional (MCITP) certifications, Enterprise Administrator and Server Administrator.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Methods of Evaluation</i>  <i>Prerequisite (Remove)</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Music (MUSI)**

<p><b>~206A Projects in Composition</b>  <b>48 - 54 hours lecture, 3 units</b>  <b>Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Music 150A with a grade of "C" or better, or equivalent.  <i>Advisory:</i> Completion of or concurrent enrollment in Music 190 with a grade of "C" or better, or equivalent.</p> <p>This course is a practical study of music composition for all styles and genres, classical and non-classical. Students analyze the nature of their musical creativity as they write original compositions and receive constant instructor feedback. Students self and peer critique in order to further develop their creative potential. This course is designed for music majors and all students with advanced musical knowledge who are actively composing music.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City, Mesa</p> <p><b>Action(s) Proposed:</b> Course Deactivation *(Active at another College)*</p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2015</p>
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**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

**Subject: Music (MUSI)**

<p><b>~206B Projects in Composition</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Music 150A with a grade of "C" or better, or equivalent.  <i>Advisory:</i> Completion of or concurrent enrollment in Music 190 with a grade of "C" or better, or equivalent.                  This course is a practical study of music composition for all styles and genres, classical and non-classical. Students analyze the nature of their musical creativity as they write original compositions and receive constant instructor feedback. Emphasis is placed on exploring boundaries of genre and style, evoking mood, and developing a portfolio of work. Students self and peer critique in order to further develop their creative potential. This course is designed for music majors and all students with advanced musical knowledge who are actively composing music.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City, Mesa</p> <p><b>Action(s) Proposed:</b> Course Deactivation *(Active at another College)*</p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Nutrition (NUTR)**

<p><b>180 Nutrition and Diet Therapy</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.                  This course is a study of the concepts of nutrition in relationship to diet therapy. Emphasis is placed on nutrition assessments of individuals with various diseases and/or conditions and related therapeutic diets. Topics include nutritional support for patients who cannot or will not eat and drug/nutrient interactions. This course is intended for nutrition and allied health majors.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Mesa, Miramar</p> <p><b>Action(s) Proposed:</b> Distance Learning - No Other Action</p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar,</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Dist. Ed Proposed For College(s):</b> Miramar</p> <p><b>Effective:</b> Fall 2015</p>
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~Course requires CCCC submission

**Curriculum Instructional Council**  
**Actions Approved – December 11, 2014**

**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.)

\*Architecture

**Program Deactivation-Approved**

Architecture- Mesa, PID 2952: Effective Fall 2015

**Architecture Certificate of Performance**

\*Architecture

**Program Deactivation- Approved**

Architecture- Mesa, PID 2957: Effective Fall 2015

**Architecture Certificate of Achievement**

\*Architecture

**Program Deactivation- Approved**

Architecture- Mesa, PID 2947: Effective Fall 2015

**Architecture Technician Certificate of Achievement**

\*Architecture

**Program Deactivation- Approved**

Architecture- Mesa, PID 2951: Effective Fall 2015

**Architecture Technician Certificate of Performance**

\*Architecture

**Program Deactivation- Approved**

Architecture- Mesa, PID 2949: Effective Fall 2015

**Landscape Architecture Certificate of Achievement**

\*Architecture

**Program Deactivation- Approved**

Architecture- Mesa, PID 2946: Effective Fall 2015

**Landscape Architecture Technician Certificate of Performance**

\*Architecture

**Program Deactivation- Approved**

Architecture- Mesa, PID 2948: Effective Fall 2015

**Landscape Architecture Technician Certificate of Achievement**

\*Architecture

**Program Deactivation- Approved**

Architecture- Mesa, PID 2950: Effective Fall 2015

**Architecture Survey Certificate of Achievement**

\*Architecture

**Program Deactivation- Approved**

Architecture- Mesa, PID 2956: Effective Fall 2015

**Architecture Survey Associate of Science**

\*Requires Board of Trustees approval prior to implementation

~Course requires CCCCCO submission

Approved

**Curriculum Instructional Council  
Actions Approved – December 11, 2014**

\*Architecture

**Program Deactivation- *Approved***

Architecture-Mesa, PID 2954: Effective Fall 2015

**Computer Aided Drafting Certificate of Performance**

\*Architecture

**Program Deactivation- *Approved***

Architecture- Mesa, PID 2955: Effective Fall 2015

**Construction Management Certificate of Achievement**

\*Architecture

**Program Deactivation- *Approved***

Architecture- Mesa, PID 2953: Effective Fall 2015

**Garden Design Certificate of Performance**

\*Architecture

**Program Deactivation- *Approved***

Architecture- Mesa, PID 2958: Effective Fall 2015

**Woodbury University Track Certificate of Achievement**

\*Sociology

**Program Revision- *Approved***

Sociology- Mesa, PID 2915: Effective Fall 2015

**Sociology Associate of Arts Degree**

\*Visual and Performing Arts

**Program Deactivation- *Approved***

Music-City, PID 2745: Effective Fall 2015

**Digital Audio Certificate of Performance**

\*Visual and Performing Arts

**Program Deactivation- *Approved***

Music- City, PID 2744: Effective Fall 2015

**Digital Music Technology Associate of Arts Degree**

\*Visual and Performing Arts

**Program Deactivation- *Approved***

Music- City, PID 2746: Effective Fall 2015

**Recording Arts Certificate of Achievement**

\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission