

Approved

**Curriculum Instructional Council  
Actions Approved – April 10, 2014**

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

<p><b>*~ 85 Public Safety Program</b></p> <p style="text-align: right;"><b>88 - 99 hours lecture, 5.5 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5 and R5.  This course provides high school students an overview of the criminal justice system. It emphasizes law enforcement procedures and techniques. Students learn about the principles and components that affect modern law enforcement, such as criminal law, juvenile law, search and seizure, laws of arrest, evidence, first aid, narcotics, gangs, and report writing.</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)</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>~365A Assessment Tools Used on Adult Offender Populations</b></p> <p style="text-align: right;"><b>16 - 18 hours lab, 0.3 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 Administration of Justice 365.  This course teaches students how to identify and assess levels of risk and criminogenic needs in offender populations. Students learn to administer the Federal Salient Factor (FSF), Level of Service Inventory (LSI) and Adult Substance User Survey (ASUS) instruments while using motivational interviewing techniques. This course is intended for practicing probation officers and other law enforcement officers, as well as treatment providers, court personnel, and victim advocates.</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>Course Number (was 365)</i>  <i>Equivalency (New)</i>  <i>Hours</i>  <i>Limitation on Enrollment (New)</i>  <i>Methods of Evaluation</i>  <i>Methods of Instruction</i>  <i>Outline of Topics</i>  <i>Outside Assignments</i>  <i>Reading Assignments</i>  <i>Texts</i>  <i>Units</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: Art-Fine Art (ARTF) Discipline: Art or Art History Pulled for Discussion at the 4/24/ 14 CIC Meeting**

<p><b>~109 Modern Art</b></p> <p align="center"><b>48 - 54 hours lecture, 3 units 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; Art-Fine Art 110 and Art-Fine Art 111, each with a grade of "C" or better, or equivalent.                      This course provides a survey of modern art and architecture examining theoretical and cultural influences on art from the mid-19th century to mid 20th century. The course is designed for students interested in modern art history, as well as for art majors who are focusing on modern design, painting, sculpture or ceramics.</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> City, Mesa, Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review                      Advisory (Change)                      Course Description                      Critical Thinking Assignments                      Methods of Evaluation                      Outline of Topics                      Outside Assignments                      Reading Assignments                      Student Learning Objectives                      Texts                      Title                      Writing Assignments</i></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> <p align="center"><span style="color: red;"><b>Pulled for Discussion at the 4/24/ 14 CIC Meeting</b></span></p>
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**Subject: Automotive Technology (AUTO)**

<p><b>*~51A Quick Service Lube, Pre-Delivery Inspection Technician Module I</b></p> <p align="center"><b>12 - 13.5 hours lecture, 12 - 13.5 hours lab, 1 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Automotive Technology 53or Automotive Technology 53A, Automotive Technology 53B and Automotive Technology 53C , each with a grade of "C" or better, or equivalent; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <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 Level W4.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Automotive Technology 51.                      This first course in a three course series introduces students to automotive quick services and new/used vehicle preparation. Topics include safety considerations, hazardous materials (HazMat) regulations, vehicle inspections, and preparing estimates and repair orders. Students also learn how to identify and operate necessary equipment and tools. This course is intended for students majoring in automotive technology or others interested in developing automotive service skills.</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)  <span style="font-size: 1.2em; font-weight: bold;"><i>Approved</i></span></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: Automotive Technology (AUTO)**

<p><b>* ~51B Quick Service Lube, Pre-Delivery Inspection Technician Module II</b>  <b>12 - 13.5 hours lecture, 12 - 13.5 hours lab, 1 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Automotive Technology 51A and Automotive Technology 53 or Automotive Technology 53A, Automotive Technology 53B and Automotive Technology 53C , each with a grade of "C" or better, or equivalent; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <i>Advisory:</i> <i>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 Level W4.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Automotive Technology 51.  This second course in a three course series provides an overview of vehicle quick servicing. Topics include changing fluids and filters, proper hazardous waste disposal, and minor electrical repairs. Students also practice operating necessary equipment and tools. This course is intended for students majoring in automotive technology or others interested in developing automotive service skills.</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)</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)**

<p><b>*~51C Quick Service Lube, Pre-Delivery Inspection Technician Module III</b>  <b>4 - 4.5 hours lecture, 36 - 40.5 hours lab, 1 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Automotive Technology 51A , Automotive Technology 51B and Automotive Technology 53 or Automotive Technology 53A, Automotive Technology 53B and Automotive Technology 53C , each with a grade of "C" or better, or equivalent; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <i>Advisory:</i> <i>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 Level W4.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Automotive Technology 51.                  This third course in a three course series provides an overview of vehicle road testing procedures. Topics include road testing techniques, vehicle operation, and systems evaluations. This course is intended for students majoring in automotive technology or others interested in developing automotive service skills.</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)</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: Aeronautics or Aviation**

<p><b>133 Human Factors in Aviation</b>  <b>48 - 54 hours lecture, 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.  <i>Advisory:</i> <i>Completion of or concurrent enrollment in</i> Aviation 101 with a grade of "C" or better, or equivalent.                  This course is about decision-making and the causes of human error. Students learn to identify, assess, and mitigate potential hazards by analyzing the physiological, psychological, and sociological factors contributing to accidents in aviation and other high-risk fields. Topics include human factors theories and models; Crew Resource Management (CRM); flight physiology; health and lifestyle choices; hazardous attitudes, mental, and emotional states; cognitive processes; communication; group dynamics; social norms; organizational culture; leadership; and decision-making. Students integrate these concepts into strategies designed to reduce errors, manage risk, develop safe habits, and make effective decisions throughout their professional and personal lives. This course is intended for students majoring in Aviation Operations or anyone interested in the field of aviation safety.</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.</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>Critical Thinking Assignments</i>  <i>Methods of Instruction</i>  <i>Outline of Topics</i>  <i>Reading Assignments</i>  <i>Student Learning Objectives</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: Computer And Information Sciences (CISC) Discipline: Computer Science**

<p><b>186 Visual Basic Programming</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> Computer and Information Sciences 181 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 course is an introduction to programming using Visual Basic. It covers the fundamentals of event oriented programming in a Windows environment. Topics include the use and programming of a mouse, windows, forms, menus, dialog boxes, icons, buttons, text fields, files, graphics, and other components of a Windows environment in Visual Basic. This course is intended for students majoring in computer science or anyone interested in computer programming.</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> 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>Course Description</i>  <i>Critical Thinking Assignments</i>  <i>Methods of Evaluation</i>  <i>Methods of Instruction</i>  <i>Outline of Topics</i>  <i>Outside Assignments</i>  <i>Prerequisite (New)</i>  <i>Reading Assignments</i>  <i>Student Learning Objectives</i>  <i>Texts</i>  <i>Writing Assignments</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City, Mesa, 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)**

<p><b>*~ 202A Fire Prevention IA</b></p> <p align="right"><b>32 - 36 hours lecture, 2 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> 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 227 or Fire Protection Technology 227.                      This course provides a broad, technical overview of fire prevention codes and ordinances, inspection practices, and key hazards. Topics include flammable and combustible liquids and gases, explosives, fireworks, and extinguishing systems. This course is part of the California State Fire Academy curriculum.</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 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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### Curriculum Instructional Council Actions Approved – April 10, 2014

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

<p><b>*~ 202B Fire Prevention IB</b></p> <p style="text-align: right;"><b>32 - 36 hours lecture, 2 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Fire Protection Technology 202A with a grade of "C" or better, or equivalent.  <i>Advisory:</i> 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 228 or Fire Protection Technology 228.  This course focuses on the codes and statutes that pertain to fire prevention practices in California. Topics include building construction and occupancy, evacuation procedure, inspection reports, and processing plans. This course is part of the California State Fire Academy curriculum.</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 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: Fire Protection Technology (FIPT)**

<p><b>*~ 202C Fire Prevention IC</b></p> <p style="text-align: right;"><b>28 - 31.5 hours lecture, 12 - 13.5 hours lab, 2 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Fire Protection Technology 202B with a grade of "C" or better, or equivalent.  <i>Advisory:</i> 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 248 or Fire Protection Technology 248.  This course focuses on the special hazards associated with flammable and combustible liquids and gases. Topics include bulk handling and storage, transportation of flammable gases and liquids, regional and national codes, and methods of control and enforcement. This course is part of the California State Fire Academy curriculum.</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 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: Physical Science (PHYN) Discipline: Earth Science**

<p><b>~120 The Oceans</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 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 major features and processes of the world's oceans. Emphasis is placed on the origin and history of ocean basins, atmospheric and ocean circulation, and the dynamics of waves, tides, and coastlines. Students explore the oceans as a resource for people and analyze and evaluate human impacts on marine environments. This course is intended for all students interested in the world's oceans.</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, Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review                      Advisory (Change)                      Course Description                      Critical Thinking Assignments                      Methods of Evaluation                      Methods of Instruction                      Outline of Topics                      Outside Assignments                      Reading Assignments                      Student Learning Objectives                      Texts                      Title                      Writing Assignments</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa, Miramar</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2015</p>
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**Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing**

<p><b>305 Introduction to Plumbing I</b></p> <p align="right"><b>32 - 36 hours lecture, 64 - 72 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; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.  <i>Limitation on Enrollment:</i> Apprenticeship - Student must be a state registered apprentice in this trade.  <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Plumbing (Construction Trades) 105, Plumbing (Construction Trades) 60A or Plumbing (Construction Trades) 160A.                      This course is designed to give the plumbing apprentice student introductory information regarding OSHA (Occupational Safety &amp; Health Administration) standards of safety and precautions for working on the construction site; a review of math as it relates to plumbing, hand and power tool usage, basic plumbing blueprint reading, welding and basic rigging. This course is designed for students planning a career in the plumbing trade.</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                      Advisory (New)                      Course Description                      Hours                      Methods of Evaluation                      Methods of Instruction                      Reading Assignments                      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: Web Development (WEBD) Discipline: Multimedia**

<p><b>~166 PHP: an Introduction</b></p> <p style="text-align: right;"><b>40 - 45 hours lecture, 24 - 27 hours lab, 3 units Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b> <i>Prerequisite:</i> Web Development 162 with a grade of "C" or better, or equivalent. <i>Advisory:</i> Computer Business Technology 101, Computer Business Technology 114, Computer Business Technology 161, Web Development 153 and Web Development 170, 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 166. This course is a hands-on study of the fundamentals of PHP: Hypertext Preprocessor (PHP) coding. Students create dynamic-driven webpages in accordance with current professional standards. This course is designed for all students and professionals who wish to acquire skills in dynamic website creation and development.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Prerequisite (New)</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Title</i> <i>Writing Assignments</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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***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.)

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