

See proposal Impact (PI) reports to view list of courses and/or programs that may be impacted by the following proposed actions.

Arabic (ARAB)

<p>102 Second Course in Arabic</p> <p align="right">5.00 hours lecture, 5.00 units Letter Grade or Credit/No Credit Option</p> <p>REQUISITES: <i>Prerequisite:</i> ARAB 101 with a grade of "C" or better, or equivalent. This interactive course builds upon the structural and lexical base provided in Arabic 101 to move students from a beginning to a beginning-intermediate communication level through the introduction of a variety of noun and verb forms including the present and past tenses. Emphasis is placed on developing the student's ability to perform language functions in real-life situations through structured activities and grammatical exercises and on providing students with an overview of Arabic history, customs and culture.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Activation (Currently active at another college) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Summer 2007</p> <p><i>This course is being proposed at Miramar for CSU GE C2 Area C. Arts, Literature, Philosophy, and Foreign Languages – Humanities, District GE Area C Humanities, IGETC Area 6A, and UC transfer course list.</i></p>
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Construction Systems (CONS)

<p>* 060A Construction Systems - Introduction to HVAC I</p> <p align="right">2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56 and Mathematics 95, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5, R5 and M40. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for HVAC 301. In this course, trade mathematics and drawings, the tools of the trade, blueprint terminology and basic rigging equipment and procedures as applicable to HVAC are covered. This course is designed to give the construction HVAC student an understanding of copper and plastic piping practices.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Reactivation (Not currently active at any College) <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p>
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Construction Systems (CONS)

<p>* 060B Construction Systems - Introduction to HVAC II 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> CONS 060A 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 HVAC 302. This course introduces the construction HVAC trainee to the basic concepts and environmental concerns related to heating, ventilation and air conditioning, including: soldering, brazing, ferrous metal piping practices, basic electricity, heating and cooling. This course also describes the HVAC program and the career opportunities available in the HVAC trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Reactivation (Not currently active at any College) <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p>
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Construction Systems (CONS)

<p>* 061A Construction Systems - Intermediate HVAC I 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> CONS 060B 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 HVAC 303. This course instructs the HVAC trainee in the properties of air, and covers chimneys, flues and vents. Students are introduced to basic mechanical procedures commonly performed in HVAC service work, such as the operation, installation and servicing of electric furnaces. This course also introduces the student to alternating current and electronic components and circuits used in HVAC systems.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Reactivation (Not currently active at any College) <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p>
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Construction Systems (CONS)

<p>* 061B Construction Systems - Intermediate HVAC II 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> CONS 061A 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 HVAC 304. This course instructs the HVAC trainee in HVAC controls and metering devices and introduces the trainee to control circuit analysis. This course also covers compressors and heat pumps and instructs the student in leak detection, evacuation, recovery and charging service procedures used to troubleshoot, repair and/ or maintain proper operation of the mechanical refrigeration system.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Reactivation (Not currently active at any College) <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p>
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Construction Systems (CONS)

<p>* 062A Construction Systems - Advanced HVAC I 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> CONS 061B 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 HVAC 305. This course instructs the HVAC trainee in preventive maintenance and provides an introduction to troubleshooting applying to all types of HVAC equipment. This course also covers troubleshooting electronic controls, gas heating, electric heating and oil heating.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Reactivation (Not currently active at any College) <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p>
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Construction Systems (CONS)

<p>* 062B Construction Systems - Advanced HVAC II 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> CONS 062A 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 HVAC 306. This course instructs the HVAC trainee in troubleshooting cooling, accessories, heat pumps and commercial heating and cooling systems. This course also covers water and air balance, steam systems and customer relations.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Reactivation (Not currently active at any College) <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p>
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Construction Systems (CONS)

<p>* 063A Construction Systems - HVAC Specialties I 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> CONS 062B 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 HVAC 307. This course covers advanced blueprint reading and specifications as they relate to HVAC, indoor air quality and energy conservation equipment commonly used in HVAC systems. This course also covers energy management systems and the methods of water treatment and water treatment equipment used with HVAC systems.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Reactivation (Not currently active at any College) <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p>
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Construction Systems (CONS)

<p>* 063B Construction Systems - HVAC Specialties II 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> CONS 063A 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 HVAC 308. This course covers commercial heating and cooling systems, maintenance of these systems and system start-up and shut down. This course also covers commercial and industrial refrigeration systems, equipment, refrigerated warehouses, walk-in coolers display cases, etc.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Reactivation (Not currently active at any College) <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p>
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Disability Support Programs And Services (DSPS)

<p>* 047 Spelling and Auditory Processing 2.00 hours lecture, 2.00 units Credit/No Credit Only</p> <p>This course is designed for students who have identified learning disabilities related to effective spelling and/or reading decoding skills. The course introduces learning and memory research related to spelling disabilities. A multisensory awareness of speech sounds and auditory processing strategies are emphasized. Common spelling rules and expectancies are taught, and the effective use of spelling related assistive technology is introduced.</p> <p>FIELD TRIP REQUIREMENTS: Not required.</p> <p>TRANSFER APPLICABILITY: Not Applicable to Associate Degree, pre-collegiate basic skills, English as a Second Language.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) <i>Approved</i></p> <p>Proposed For College(s): Mesa</p> <p>Originating Campus: Mesa</p> <p>Effective: Fall 2007</p>
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Disability Support Programs And Services (DSPS)

<p>* 077 Exploration of Computer Access 0.50 hours lecture, 1.00 hours lab, 1.00 units Credit/No Credit Only</p> <p>This course has been designed for students with disabilities. Designed to introduce students to computer access equipment that is available in large print, Braille and voice output. To provide an overview of resources in software and hardware that allow disabled students to compete in educational and business settings. This course may be repeated as necessary to achieve course objectives.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Not Applicable to Associate Degree, Occupational/Vocational basic skills.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) <i>Approved</i></p> <p>Proposed For College(s): Mesa</p> <p>Originating Campus: Mesa</p> <p>Effective: Fall 2007</p>
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Engineering Technology (ENGN)

<p>* 200 Applied Mechanics 3.00 hours lecture, 3.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> MCTR 120A with a grade of "C" or better, or equivalent; PHYS 195A with a grade of "C" or better, or equivalent. <i>Advisory:</i> MATH 182 with a grade of "C" or better, or equivalent; MATH 150 with a grade of "C" or better, or equivalent. This course is a study of fundamental principles of bodies at rest and in motion. The course content emphasizes areas of friction, centroids, center of gravity, analysis of structures, moments of inertia and methods of virtual work. In addition, emphasis is also placed on kinematics and kinetics of particles and rigid bodies, moving reference frames, work-energy, linear and angular momentum relationships and their application to engineering problems. This course is intended for students enrolled in Engineering Technology.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p>
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Fire Protection Technology (FIPT)

<p>204A Instructor Training IA 1.75 hours lecture, 0.75 hours lab, 2.00 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for FIRE 225 or FIPT 225. This California State Fire Academy course prepares students to provide training within their fire departments or to teach community college fire technology courses. The course covers identification of training needs, identification of course objectives and content, establishment of levels of instruction, measurable student objectives, development of levels of instruction, the psychology of learning, and the evaluation of effectiveness.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) Six Year Review Course Description Critical Thinking Assignments Hours Change Methods of Evaluation Methods of Instruction Student Learning Outcomes Outline of Topics Outside Assignments Reading Assignments Texts Writing Assignments <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Dist. Ed Proposed For College(s): Miramar</p> <p>Effective: Summer 2007</p>
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Fire Protection Technology (FIPT)

<p>* 300A Commanding Multiple Alarms or Large Fire Suppression Forces, Fire Command 2A 1.75 hours lecture, 0.75 hours lab, 2.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> FIPT 200B with a grade of "C" or better, or equivalent. This California Fire Service Training and Education System certified course prepares the fire officer to use management techniques and incident command systems when commanding multiple alarms or large fire suppression force. Topics include fire fighter safety, major incident strategical and tactical considerations, and pre-planning building surveys.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2007</p>
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Fire Protection Technology (FIPT)

<p>* 300B Management of Major Hazardous Materials Incidents, Fire Command 2B 1.75 hours lecture, 0.75 hours lab, 2.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> FIPT 300A with a grade of "C" or better, or equivalent. This California Fire Service Training and Education System certified course prepares fire officers to command major hazardous-materials incidents. Students learn to recognize the warning signs, clues, risks, and potential outcomes associated with hazardous-material incidents. Key elements of the course include incident command system techniques for isolating hazardous materials, decontamination considerations, making required notifications, protecting the public, and recognizing cooperating agencies' roles and responsibilities.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2007</p>
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Geography (GEOG)

<p>101 Physical Geography 3.00 hours lecture, 3.00 units Letter Grade or Credit/No Credit Option</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. This course examines the major world patterns of the physical environment. The course covers the fundamental information and processes dealing with the earth's landforms, atmosphere, natural vegetation, water, and soils, along with the appropriate use of maps and charts. This course is of interest to anyone seeking an understanding of the earth's physical processes and mechanisms.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p> <p>CAN DATA: CAN GEOG 2 (City, Mesa, Miramar) CAN GEOG 6 (City, Mesa, Miramar)</p>	<p>Offered At: Mesa, Miramar, City</p> <p>Action(s) Proposed: Distance Learning - No Other Action <i>Reviewed</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Dist. Ed Proposed For College(s): Miramar</p> <p>Effective: Summer 2007</p>
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Human Services (HUMS)

<p>* 116 Capstone for Youth Development Workers</p> <p style="text-align: right;">3.00 hours lecture, 3.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> HUMS 106 with a grade of "C" or better, or equivalent. This course provides students completing the Youth Development Work (YDW) Certificate Program the opportunity to integrate course material and practical field experience in a seminar setting using a case-study format. Emphasis is placed on assessing community assets, resource acquisition, and the application of youth development models to actual program and individual cases. This course is designed for students pursuing the Youth Development Work Certificate Program.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p>
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Mathematics (MATH)

<p>* 15E Trigonometry Refresher</p> <p style="text-align: right;">3.00 hours lab, 1.00 units Credit/No Credit Only</p> <p>This course is intended for those students who have completed the math assessment with a level of M50 who need to review their trigonometry knowledge prior to taking precalculus or calculus. Students begin at the level of their original placement and, working at their own pace, may improve their placement up to M60 (precalculus level). This course consists of independent study using a computer program to refresh those concepts identified as needed for each student.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Not Applicable to Associate Degree, pre-collegiate basic skills - reading, writing, computation.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course <i>Approved</i></p> <p>Proposed For College(s): City, Mesa, Miramar</p> <p>Originating Campus: Mesa</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Spring 2007</p>
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Mathematics (MATH)

<p>116 College and Matrix Algebra</p> <p style="text-align: right;">3.00 hours lecture, 3.00 units Letter Grade or Credit/No Credit Option</p> <p>REQUISITES: <i>Prerequisite:</i> Mathematics 96 with a grade of "C" or better, or equivalent, or Assessment Skill Level M50. This course is designed to strengthen the algebra skills of students seeking Business or Natural Science degrees who are required to take an applied calculus course. Topics in the course include the theory of functions; graphing functions; exponential and logarithmic functions; solving equations involving algebraic, exponential and logarithmic functions; solving systems of linear equations; matrix algebra; linear programming; modeling; and applications problems. Analytical reading and problem solving skills are required for success in this course.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities. District GE, CSU GE, IGETC and UC Transfer.</p> <p>CAN DATA: CAN MATH 10 (City, Mesa, Miramar)</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) Six year Review Course Description Methods of Instruction Student Learning Outcomes Outline of Topics Texts <i>Approved</i></p> <p>Proposed For College(s): City, Mesa, Miramar</p> <p>Originating Campus: Mesa</p> <p>Effective: Fall 2007</p>
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Mathematics (MATH)

<p>210B Concepts of Elementary School Mathematics II</p> <p style="text-align: right;">3.00 hours lecture, 3.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Mathematics 210A 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 Level R6/W6 or English 105 with a grade of "C" or better, or equivalent. This course is the second course in a one-year sequence in the study of the mathematical concepts needed for teaching elementary school mathematics with emphasis on geometry, transformational geometry, and measurement. This course also promotes an appreciation of the importance of logical thinking and applications of mathematics in problem solving and critical thinking. It studies the understanding and explanation of the basic mathematical concepts and the connections between them. It is designed especially for students preparing for credentials in elementary education. Analytical reading and problem solving are required for success in this course.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities. District GE, CSU GE and UC Transfer.</p>	<p>Offered At: Mesa, Miramar, City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) Course Description Critical Thinking Assignments Methods of Evaluation Student Learning Outcomes Outline of Topics Outside Assignments Texts <i>Approved</i></p> <p>Proposed For College(s): City, Mesa, Miramar</p> <p>Originating Campus: Mesa</p> <p>Effective: Summer 2007</p>
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Mecomtronics (MCTR)

<p>* 206 Microcontrollers</p> <p style="text-align: right;">2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> MCTR 103A with a grade of "C" or better, or equivalent. <i>Advisory:</i> MATH 107 with a grade of "C" or better, or equivalent; MATH 107L with a grade of "C" or better, or equivalent. This course focuses on the fundamentals of both the hardware and software aspects of the microcontroller. Typical devices that are connected to the microcontroller are: switches, light emitting diodes, seven segment displays, stepper motors and a matrix keypad. An engineering evaluation board is used as the development system for the controller. Structured programming, using flow charts, is emphasized. Code is written in assembly language, compiled and then downloaded to the controller. This course is intended for students majoring in Engineering Technology.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p>
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Manufacturing Engineering Technology (MFET)

<p>101 Introduction to Manufacturing Engineering Technology</p> <p style="text-align: right;">3.00 hours lecture, 3.00 units Grade Only</p> <p>This course is designed for students who are interested in the field of Manufacturing Engineering Technology (MFET). The course introduces manufacturing principles, including manufacturing systems, design concepts, process and material selection, computer-integrated manufacturing, quality control and management, global competitiveness and manufacturing costs, safety and environmental concerns. It also provides an overview of the MFET program structure, job perspectives for graduates, salary ranges and various career options in manufacturing.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) Six year Review Course Description Methods of Instruction Student Learning Outcomes Outline of Topics Outside Assignments Supplies Texts <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Dist. Ed Proposed For College(s): City</p> <p>Effective: Fall 2007</p> <p><i>This course is being proposed at City for UC transfer course list.</i></p>
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Manufacturing Engineering Technology (MFET)

<p>110 Industrial Safety</p> <p style="text-align: right;">2.00 hours lecture, 2.00 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. The course is a study of safety fundamentals in an industrial environment and their relationship to accident prevention. It introduces students to the Occupational Safety and Health Administration (OSHA) policies, procedures and standards for industries. Course topics include electrical safety, hazardous materials and conditions, fire protection, tools and machines, welding and cutting, personal protective equipment, hazard communication, construction, ergonomics and industrial hygiene. This course is designed for students who are currently or will be working in construction or general industries. Upon successful course completion, students may receive an OSHA 30-hour Construction and/or General Industry Outreach Training Completion Card.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) Six year Review Course Description Methods of Instruction Student Learning Outcomes Outline of Topics <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Dist. Ed Proposed For College(s): City</p> <p>Effective: Fall 2007</p>
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Manufacturing Engineering Technology (MFET)

<p>115 Properties of Materials</p> <p style="text-align: right;">2.50 hours lecture, 1.50 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56 and Mathematics 95, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5, R5 and M40; ENGN 110 with a grade of "C" or better, or equivalent. This lecture/lab course is a study of the chemical, physical and mechanical properties of industrial materials including metals, ceramics, polymers and composites. The course emphasizes the processes and tests used with different industrial materials during the manufacturing cycles. It also discusses function and structure as they relate to specific design considerations. This course is designed for students who are currently working in a manufacturing plant or pursuing a career in engineering and technology fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) Six year Review Advisory (New) Course Description Methods of Instruction Outline of Topics Supplies Text <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Dist. Ed Proposed For College(s): City</p> <p>Effective: Fall 2007</p> <p><i>This course is being proposed at City for UC transfer course list.</i></p>
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Manufacturing Engineering Technology (MFET)

<p>120 Manufacturing Processes 3.00 hours lecture, 3.00 hours lab, 4.00 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in:</i> MFET 115 with a grade of "C" or better, or equivalent or ENGE 210 with a grade of "C" or better, or equivalent. This lecture/lab course provides basic understanding of how raw materials, including metals, polymers, ceramics and composites, are converted to finished products. In this course, students study commonly used and advanced manufacturing processes, understand the pros & cons of different industrial techniques. Students also learn key terms in manufacturing, and identify various types of equipment in common manufacturing processes. This course is designed for students who are pursuing a career in engineering or engineering technology fields, or working in a manufacturing industry.</p> <p>FIELD TRIP REQUIREMENTS: May be required.</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) Six year Review Co-requisite (New) Course Description Methods of Instruction Student Learning Outcomes Outline of Topics Supplies Text <i>Approved</i></p> <p>Proposed For College(s): City, Miramar</p> <p>Originating Campus: City</p> <p>Dist. Ed Proposed For College(s): City</p> <p>Effective: Fall 2007</p>
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Physical Education (PHYE)

<p>* 248A Professional Activities/ Tennis 1.00 hours lecture, 3.00 hours lab, 2.00 units Letter Grade or Credit/No Credit Option</p> <p>REQUISITES: <i>Corequisite:</i> PHYE 220. This course covers the theoretical concepts necessary for students to compete successfully in their first intercollegiate tennis season. Topics covered include mechanical analysis of fundamental through advanced tennis skills, offensive and defensive strategies, statistics, and rules. This course is offered separately for men and women who are interested in competing at the intercollegiate level.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course <i>Approved</i></p> <p>Proposed For College(s): City, Miramar</p> <p>Originating Campus: City</p> <p>Effective: Fall 2007</p> <p><i>This course is being proposed at City and Miramar for UC transfer course list.</i></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.)

- * **Food Service Occupations** – Mesa College, PID 1042, Effective Fall 2007
Program Deactivation – Approved

Certificate of Achievement: *Food Service Occupations*
Associate in Science Degree: *Food Service Occupations*

- * **Hotel-Motel Management** – Mesa College, PID 1043, Effective Fall 2007
Program Deactivation – Approved

Certificate of Achievement: *Hotel-Motel Management*
Associate in Science Degree: *Hotel-Motel Management*

- * **Manufacturing Technology** – City College, PID 1155, Effective Fall 2007
Program Deactivation – Approved

Certificate of Completion: *Manufacturing Technology*