

**Curriculum Instructional Council
Actions Approved – February 27, 2014**

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

<p>350A Weapons and Safety Training for Probation Officers 120 - 135 hours lab, 2.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Administration of Justice 357A 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 350. This course provides weapons and safety training for armed Probation staff personnel assigned to special operations, intensive supervision, or home supervision. Students must have successfully completed a P.O.S.T. approved Penal Code (P.C.) Laws of Arrest course prior to enrollment. Subjects include legal update liability, shooting skills, deadly force, survival skills, and chemical agents. Students who successfully complete the course satisfy the firearms requirement for peace officers pursuant to Penal Code section 832. This course is intended for practicing Probation staff.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Prerequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2014</p>
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Subject: Anthropology (ANTH) Discipline: Anthropology

<p>* ~ 125 Archaeological Faunal Remains Analysis 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Assessment Skill Level R6 and W6. This course is a practical study of archaeological animal bone analysis. Emphasis is placed on animal bone identification and human use of animals for food and other purposes. Students learn the most current techniques for describing, classifying, cataloging, and documenting archaeological animal bone. This course is designed for students majoring in anthropology with an emphasis in archaeology and for anyone interested in a career in archaeology or employment in Cultural Resource Management (CRM).</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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~Course requires CCCC submission

**Curriculum Instructional Council
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Subject: Anthropology (ANTH) Discipline: Anthropology

<p>205 Introduction to Medical Anthropology</p> <p align="right">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Assessment Skill Level R6 and W6. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Anthropology 265B. This course presents the cultural forces, among other social motivations, that are powerful influences on health and wellness-related behavior. Medical anthropology is a combined sub-branch of biological and cultural anthropology and is concerned with the application of anthropological and behavioral science theories and methods to address questions about health, illness and healing. This course is designed for students interested in culture, biology, and health.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU General Education.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Architecture (ARCH) Discipline: Architecture

<p>~ 250 Site Design, Topography and Grading</p> <p align="right">24 - 27 hours lecture, 120 - 135 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Architecture 100 with a grade of "C" or better, or equivalent. <i>Advisory:</i> English 47A or English 48 and English 49 with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5 and Mathematics 46 with a grade of "C" or better, or equivalent or Assessment Skill Level M40. This course is a practical study of grading methods and drafting techniques as applied to site design. Topics include legal descriptions, property line layout, grading, cut and fill, roadways, drainage, site details, and related calculations. Students create grading plans to improve site designs. This course is intended for architecture and landscape architecture students.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Texts</i> <i>Title Change</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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**Curriculum Instructional Council
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Subject: Art-Graphic Design (ARTG) Discipline: Graphic Arts

<p>* ~ 135 Professional Practices</p> <p style="text-align: right;">24 - 27 hours lecture, 72 - 81 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Art-Graphic Design 124 or Art-Graphic Design 133 with a grade of "C" or better, or equivalent.</i> This course is a practical study of professional practices for graphic designers. Emphasis is placed on employment opportunities, freelance, and small business creation in the graphic design field. Students work on real-world projects to assess their strengths and weaknesses, create a personal brand, and interact with various working professionals. Topics also include self-promotion, contracts, and professional networking. This course is designed for students majoring in graphic design.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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Subject: Art-Graphic Design (ARTG) Discipline: Graphic Arts

<p>* ~ 138 Process and Production</p> <p style="text-align: right;">24 - 27 hours lecture, 72 - 81 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Art-Graphic Design 124 or Art-Graphic Design 133 with a grade of "C" or better, or equivalent.</i> This course is a practical study of creative processes as they relate to graphic design production. Emphasis is placed on idea generation, techniques for inspiration, and communicating individual creative processes as they relate to graphic design production. Topics also include current graphic design trends and intellectual property. This course is intended for graphic design majors and graphic designers currently working in the field.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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**Curriculum Instructional Council
Actions Approved – February 27, 2014**

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

<p>102 Fire Prevention Technology</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English and English 49 with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. This course provides fundamental information about the history and philosophy of fire prevention and the organization and operation of fire prevention bureaus. Other topics include the use of fire codes; the identification and correction of fire hazards; and the relationships among fire prevention, fire safety education, and fire detection and suppression systems. This course is intended for students majoring in Fire Technology.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Limitation on enrollment (Remove)</i> <i>Methods of Instruction</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2014</p>
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Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology

<p>103 Fire Protection Equipment and Systems</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49 with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. This course provides students with an overview of fire protection equipment and systems. Topics include the design and operational features of fire detection and alarm systems; heat and smoke control systems; special protection and sprinkler systems; water supply for fire protection; and portable fire extinguishers. This course is intended for students majoring in Fire Technology.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Limitation on Enrollment (Remove)</i> <i>Methods of Instruction</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2014</p>
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**Curriculum Instructional Council
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Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology

<p>106 Truck Company Operations</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49 with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. This course introduces students to the planning and operation of truck companies at fires and other emergencies. Topics include truck company equipment; personnel requirements; and truck company responsibilities that relate to the strategies, tactics, and specialized skills required for truck company operations. This course is intended for students majoring in FireTechnology.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Limitation on Enrollment (Remove)</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Dist. Ed Proposed For College(s): Miramar Reviewed</p> <p>Effective: Fall 2014</p>
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Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology

<p>107 Fire Fighting Tactics and Strategy</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49 with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. This course provides an in-depth analysis of the principles of fire control through utilization of personnel, equipment, pre-planning fire problems, and extinguishing agents on the fire ground. Topics include a review of fire chemistry, methods of fire attack, and basic fire fighting tactics and strategy. This course is intended for students majoring in Fire Technology.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Limitation on Enrollment (Remove)</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2014</p>
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**Curriculum Instructional Council
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Subject: Fire Protection Technology (FIPT) Discipline: Fire Technology

<p>~ 308C Confined Space Awareness 1 hour lecture, 7 hours lab, 0.2 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Fire Technology 308B. This course provides an introduction to the hazards, equipment, and operational positions of safe and legal confined space entry. It also includes a review of California Division of Occupational Safety and Health (Cal/OSHA) regulations with regard to Permit-Required Confined Space. This course is intended for personnel with confined spaces within their areas of responsibility, including current or future public safety personnel.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Integration (May Include Activation) <i>Six Year Review</i> <i>Course Renumbering (was 308B)</i> <i>Critical Thinking Assignments</i> <i>Equivalency (New)</i> <i>Hours Change</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>Title Change</i> <i>Units Change</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2014</p>
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Subject: Fire Protection Technology (FIPT) Discipline: Search and Rescue

<p>~ 366 Seamanship - Rescue Boat Handling 4 - 4.5 hours lecture, 36 - 40.5 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Fire Protection Technology 160 with a grade of "C" or better, or equivalent <i>Advisory:</i> English 47A or English 48 and English 49 with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. <i>Limitation on Enrollment:</i> Health and Safety. To be eligible for this class, students must pass a San Diego City Lifeguard Service swim test, 500-meter swim in ten (10) minutes or less, and be employed as an ocean lifeguard or have a need to operate a rescue boat. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Fire Protection Technology 162. This 40-hour California Department of Boating and Waterways course provides manipulative training in handling emergency rescue boats under varying conditions. These conditions include emergency response operations, towing, offshore operations, and search and rescue. This course is intended for current open water lifeguards or other public safety personnel needing to operate a rescue boat.</p> <p>FIELD TRIP REQUIREMENTS: Required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Course Renumbering (was 162)</i> <i>Equivalency (New)</i> <i>Hours Change</i> <i>Limitation on Enrollment (New)</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2014</p>
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**Curriculum Instructional Council
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Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>* ~ 75 Computer Basics for Health Information Technology 16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English and English 49 with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. This course is an introduction to computer systems used in healthcare and health information management (HIM). Emphasis is placed on basic computer and networking technologies as well as on specialized software and electronic health record (EHR) applications. This course is designed for students interested in the use of computers in the health information technology field.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa Reviewed</p> <p>Effective: Fall 2014</p>
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Subject: Health Information Technology (HEIT)

<p>* ~ 260 Principles of Supervision and Administration 48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Medical Record Technology 260. This course for health information technology students introduces the basic concepts of personnel supervision, including role transition, recruitment, training, performance standards, discipline, and performance evaluation. Other topics include writing job descriptions and policy and procedure manuals. Budget management, department layout/design, meetings, management, stress and time management are also included.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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**Curriculum Instructional Council
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Subject: Legal Assistant (LEGL) Discipline: Law, or Legal Assisting

<p>180 Contract Law</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Legal Assistant 100B 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 and W6. This course provides students with the knowledge and skills for drafting and interpreting different types of contracts. Topics include elements of a contract, performance and breach issues, defenses to formation and enforcement, contract remedies, and third party contracts. This course is intended for students majoring in Paralegal.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Co-requisite (Remove)</i> <i>Discipline Change</i> <i>Outline of Topics</i> <i>Prerequisite Change (New)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City, Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2014</p>
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Subject: Mathematics (MATH)

<p>* ~ 265s Applied Beginning and Intermediate Algebra</p> <p align="right">48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20 and English 48 or English 49 with a grade of "C" or better, or equivalent or Assessment Skill Level R5 or W5. This course emphasizes real world applications in the development of beginning and intermediate algebraic topics. Topics include a review of fractions, decimals and percents, as well as the development of linear, quadratic, rational, radical, exponential and logarithmic functions. This course is designed for those students whose major and transfer institution requires only statistics or math for liberal arts as the transfer level math course for the degree. This course does not meet the prerequisite for trigonometry, college algebra or any other transfer level math course.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Deactivation (Not at any College)</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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**Curriculum Instructional Council
Actions Approved – February 27, 2014**

Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>160B Introduction To Plumbing II 32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Plumbing (Construction Trades) 160A or Plumbing (Construction Trades) 305 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 Plumbing (Construction Trades) 60B, 110 or 310. This course is designed to give the plumbing student an introduction to reading and interpreting the International Association of Plumbing & Mechanical Officials (IAMPO) uniform plumbing codes and residential plumbing drawings, identifying various types of pipe and the procedures for working with the pipe. This course also includes identification of various plumbing lines and their components. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Critical Thinking Assignments</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Reading Assignments</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>165A Intermediate Plumbing I 32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Plumbing (Construction Trades) 160B or Plumbing (Construction Trades) 310 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 Plumbing (Construction Trades) 115, 315, or 65A. This course is designed to provide the intermediate plumbing student the knowledge of introductory plumbing math, the identification of various commercial drawings, the installation of Drain, Waste & Vent (DWV) piping components and systems for commercial properties utilizing local and National Plumbing Codes. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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**Curriculum Instructional Council
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Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>165B Intermediate Plumbing II</p> <p align="right">32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Plumbing (Construction Trades) 165A or Plumbing (Construction Trades) 315 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 Plumbing (Construction Trades) 65B or 120 or 320. This course is designed to give the intermediate plumbing student the ability to perform testing of water supply piping and systems, installation of the components of a water supply system, and the ability to read and interpret commercial plumbing drawings for project requirements according to local and national codes. The application of advanced trade math concepts is further developed. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Reading Assignments</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>170A Advanced Plumbing I</p> <p align="right">32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Plumbing (Construction Trades) 165B or Plumbing (Construction Trades) 320 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 Plumbing (Construction Trades) 125 or 325 or 70A. This course is designed to provide the advanced plumbing student with the ability to perform applications of advanced math for plumbers and methods of handling waste. This course also provides information relating to water softening measures, methods of locating buried lines, the installation and maintenance of waste pressure booster systems, and the prevention of backflow. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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Actions Approved – February 27, 2014**

Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>170B Advanced Plumbing II 32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Plumbing (Construction Trades) 175B or Plumbing (Construction Trades) 340 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 Plumbing 130 or 330 or 70B. This course is designed to provide the advanced plumbing student with the ability to organize job tasks, clean and disinfect potable water systems, thaw frozen pipes, install main to meter water services and solar systems. This course also covers the ability to rough-in fixtures for residential, commercial and handicapped settings and install natural gas and storm drainage systems. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Reading Assignments</i> <i>Texts</i></p> <p>Approved</p> <p>College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>175A Plumbing Construction Specialties 32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Plumbing (Construction Trades) or Plumbing (Construction Trades) 330 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 Plumbing (Construction Trades) 135 or 335 or 75A. This course is designed to introduce the plumbing student to specialty topics such as swimming pool installation, medical gas systems, mobile home and mobile home park plumbing systems, and private water waste and treatment systems. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Texts</i></p> <p>Approved</p> <p>College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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**Curriculum Instructional Council
Actions Approved – February 27, 2014**

Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>175B Plumbing Code</p> <p align="right">32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Plumbing (Construction Trades) 170A or Plumbing (Construction Trades) 325 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 Plumbing (Construction Trades) 340 or 75B. This course is designed to prepare the advanced plumbing student to apply plumbing codes to correctly design and build plumbing systems. Primary topics include coverage of codes pertaining to plumbing fixtures and fittings, water heaters and fuel piping, drainage, waste and vent systems, sewage and reclaimed water systems, sizing and standards, shielded metal arc welding and alternate plumbing systems. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Reading Assignments</i> <i>Texts</i></p> <p>Approved</p> <p>College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>310 Introduction to Plumbing II</p> <p align="right">32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Plumbing (Construction Trades) 305 or Plumbing (Construction Trades) 160A with a grade of "C" or better, or equivalent. <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) 110 or 60B or 160B. This course is designed to give the plumbing apprentice student an introduction to reading and interpreting the International Association of Plumbing and Mechanical Officials (IAMPO) uniform plumbing codes and residential plumbing drawings, identifying various types of pipe and the procedures for working with the pipe. This course also includes identification of various plumbing lines and their components. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Reading Assignments</i> <i>Texts</i> <i>Writing Assignments</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>320 Intermediate Plumbing II</p> <p align="right">32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Plumbing (Construction Trades) 315 or Plumbing (Construction Trades) 165A with a grade of "C" or better, or equivalent. <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) 120 or 65B or 165B. This course is designed to give the intermediate plumbing apprentice student the ability to perform testing of water supply piping and systems, installation of the components of a water supply system, and the ability to read and interpret commercial plumbing drawings for project requirements according to local and national codes. The application of advanced trade math concepts is further developed. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>325 Advanced Plumbing I</p> <p align="right">32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Plumbing (Construction Trades) 320 or Plumbing (Construction Trades) 165B with a grade of "C" or better, or equivalent. <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) 125 or 70A or 170A. This course is designed to provide the advanced plumbing apprentice student with the ability to perform applications of advanced math for plumbers and methods of handling waste. This course also provides information relating to water softening measures, methods of locating buried lines, the installation and maintenance of waste pressure booster systems, and the prevention of backflow. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Reading Assignments</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>330 Advanced Plumbing II 32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Plumbing (Construction Trades) 175B or Plumbing (Construction Trades) 340 with a grade of "C" or better, or equivalent. <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) 130 or 70B or 170B. This course is designed to provide the advanced plumbing apprentice student with the ability to organize job tasks, clean and disinfect potable water systems, thaw frozen pipes, install main to meter water services and solar systems. This course also covers the ability to rough-in fixtures for residential, commercial and handicapped settings and install natural gas and storm drainage systems. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Reading Assignments</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>335 Plumbing Construction Specialties 32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Plumbing (Construction Trades) 330 or Plumbing (Construction Trades) 170B with a grade of "C" or better, or equivalent. <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) 135 or 75A or 175A. This course is designed to introduce the plumbing apprentice student to specialty topics such as swimming pool installation, medical gas systems, mobile home and mobile home park plumbing systems, and private water waste and treatment systems. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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**Curriculum Instructional Council
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Subject: Plumbing (Construction Trades) (PLBG) Discipline: Plumbing

<p>340 Plumbing Code</p> <p style="text-align: right;">32 - 36 hours lecture, 64 - 72 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Plumbing (Construction Trades) 325 or Plumbing (Construction Trades) 170A with a grade of "C" or better, or equivalent. <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) 75B or 175B. This course is designed to prepare the advanced plumbing apprentice student to apply plumbing codes to correctly design and build plumbing systems. Primary topics include coverage of codes pertaining to plumbing fixtures and fittings, water heaters and fuel piping, drainage, waste and vent systems, sewage and reclaimed water systems, sizing and standards, shielded metal arc welding and alternate plumbing systems. This course is designed for students planning a career in the plumbing trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Hours Change</i> <i>Methods of Instruction</i> <i>Reading Assignments</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</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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