

Approved

Curriculum Instructional Council Actions Approved – September 26, 2019

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

<p>307A Traffic Enforcement Radar Certification</p> <p style="text-align: right;">24 - 48 hours lab, 0.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Administration of Justice 381, Administration of Justice 382, Administration of Justice 383, and Administration of Justice 384, each with a grade of "C" or better, or equivalent POST Certified Basic Academy. <i>Advisory:</i> Mathematics 38 with a grade of "C" or better, or equivalent or Milestone M30. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Administration of Justice 307. This Peace Officer Standards and Training (POST) certified course covers the legal and technical use of radar equipment. Topics include radar history and theory; moving and stationary radar; equipment setup and calibration; target identification; and the detection of anomalous and spurious readings.</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>Prerequisite (Change)</i> Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2020</p>
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Subject: Administration Of Justice (ADJU) Discipline: Administration of Justice

<p>~ 348A Essentials of Investigation</p> <p style="text-align: right;">24 - 48 hours lab, 0.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Administration of Justice 381, Administration of Justice 382, Administration of Justice 383, and Administration of Justice 384, each with a grade of "C" or better, or equivalent POST Certified Basic Academy. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Administration of Justice 348. This course refines and enhances students' investigation skills to prepare them for future positions as investigators. Emphasis is on investigative techniques, legal issues affecting investigation, and officer safety.</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>Prerequisite (Change)</i> <i>TOP Code</i> Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2020</p>
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Subject: Art-Fine Art (ARTF) Discipline: Art

<p>161A Museum Studies/Gallery Exhibition Skills I 32 - 36 hours lecture, 64 - 72 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. This course provides theory, instruction, and practical experience in all aspects of design and installation of art exhibitions. This course is also designed to give an overview of the history, functions and operations of art museums. The course is intended for art majors who are interested in exhibiting in galleries, as well as for other students seeking to learn the principles of curating and the functioning of museums. Under the guidance of the instructor, students participate in the installation of three exhibitions per semester.</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>Course Description</i> <i>Outline of Topics</i> <i>Student Learning Objectives</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2020</p>
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Subject: Biology (BIOL) Discipline: Biological Sciences

<p>120 The Environment of Man 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. This is an introductory course that examines the immediate and long-range causes and effects of air, water, and land pollution on the environment and human health. The course also explores basic concepts of ecology, overpopulation, natural resources, and the sustainability of the environment and its biodiversity. The study of positive solutions to the ecological dilemma is addressed. This course is designed for general students interested in the environment and for those students majoring in environmental sciences.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2020</p>
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Subject: Computer And Information Sciences (CISC) Discipline: Computer Science

<p>~ 193 Microsoft C# Software Engineering 1 48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</p> <p>This course applies industry-standard software engineering principles to the study of the object-oriented, general purpose programming language Microsoft C#, a member of the Microsoft Visual Studio.NET software development toolset. Coverage includes the typical topics of an introductory programming course. Extensive hands-on training is included in the laboratory sessions. This course is designed for students pursuing a degree in Computer Science or Information Systems and for vocational/professional students who are updating their programming skills set.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Methods of Instruction</i> <i>Stand Alone Status (City, Mesa)</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2020</p>
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Subject: English (ENGL) Discipline: English

<p>~ 13A Academic Writing Skills I 8 - 9 hours lecture, 24 - 27 hours lab, 1 units Pass/No Pass</p> <p>This course provides support in college writing skills for all disciplines. Emphasis is placed on writing organized, clear, concise, coherent paragraphs to create 1-2 page texts in a variety of genres. Topics include basic argument development and source citation as well as incorporation of feedback through the revision process. The course is individualized, with students working on specific learning outcomes tailored to their needs.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Not applicable to the Associate Degree.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Student Learning Objectives</i> <i>Title Change</i> <i>TOP Code</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2020</p>
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**Curriculum Instructional Council
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Subject: Mathematics (MATH) Discipline: Mathematics

<p>*~ 42 Fundamentals of Mathematics</p> <p align="right">48 - 54 hours lecture, 3 units Pass/No Pass</p> <p>REQUISITES: <i>Advisory:</i> Mathematics 38 with a grade of "C" or better, or equivalent or Milestone M30 <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Mathematics 46, Mathematics 54, Mathematics 90, Mathematics 91 or Mathematics 95. This course is intended for students who have not passed the California State University Entry-Level Mathematics Examination (ELM). This course reviews arithmetic and geometric concepts, and covers topics in elementary algebra including operations with polynomials, factoring, rational expressions, expressions involving radicals, solving non-linear equations, graphing linear equations, and solving linear systems of equations in two variables.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Not applicable to the Associate Degree.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2020</p>
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Subject: Mathematics (MATH)

<p>*~ 43 Algebra for Math Placement</p> <p align="right">48 - 54 hours lecture, 3 units Pass/No Pass</p> <p>REQUISITES: <i>Advisory:</i> Mathematics 42 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 Mathematics 96, Mathematics 100, or Mathematics 91. This course is a continuation of Mathematics 42 and is intended for those students who have not passed the California State University Entry-Level Mathematics Examination (ELM). This course is designed to prepare students for college algebra and consists of a review of intermediate algebra concepts. Topics for the class include set and function notation, simplifications and solutions to equations involving rational and radical expressions, quadratic equations and functions, complex numbers, exponential and logarithmic functions and applications.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Not applicable to the Associate Degree.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2020</p>
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Subject: Philosophy (PHIL) Discipline: Philosophy

<p>109 Issues in Social Philosophy</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 or English 105, each with a grade of "C" or better, or equivalent. This course is an introduction to the issues and problems exemplified in the process of meaningful philosophical activity related to social philosophy. Students in this course survey representative theories and philosophical reflections related to the notions of social ethics and concepts in social philosophy such as types of government, the issues of sovereignty, natural law and natural rights, the philosophy of law, and issues of justice. Students are encouraged to engage in independent research, analysis and formulation. This course is intended for students pursuing studies in pre-law, and/or political, behavioral or social sciences, and anyone interested in social philosophy.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2020</p>
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Subject: Photography (PHOT) Discipline: Photography

<p>~ 100 Introduction to Black & White Photography</p> <p align="right">32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent. This course is an introduction to basic camera handling skills and the aesthetics of photography, utilizing black and white film. Emphasis is placed on how to use cameras, lenses, enlargers, and related equipment. Proper film exposure and compositional skills to create original images are also covered. Laboratory practice includes black and white film processing, darkroom printing, and print presentation. This course is intended for students majoring in photography or those with a desire to explore the "old-school" methods of darkroom printing.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Course Description</i> <i>Hours Change</i> <i>Title Change</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2020</p>
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Subject: Photography (PHOT) Discipline: Photography

<p>135 Intermediate Black & White Photography 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Photography 100 with a grade of "C" or better, or equivalent. This course provides students with intermediate-level instruction and practice in black and white film exposure and development procedures and printing. Emphasis is placed on various techniques for enhancing black and white negative and print quality. Topics also include composition, visual communication skills, use of light, lighting control, and equipment. Instruction includes use of 35 mm format and an introduction to medium format cameras. This course is intended for students majoring in photography or having a serious interest in darkroom / fine art image making.</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> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2020</p>
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Subject: Photography (PHOT) Discipline: Photography

<p>143 Introduction to Digital Photography 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>This course is an introduction to the methods and processes involved in photographic image acquisition, optimization, and output used in Digital Photography. Emphasis is placed on the evolution from traditional, analog/wet darkroom to digital approaches to photography and the relationship between these approaches. This course is the prerequisite for many upper-level courses for photo majors.</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> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2020</p>
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Subject: Photography (PHOT) Discipline: Photography

<p>165 Online Portfolio: Websites for Photographers 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Photography 143 with a grade of "C" or better, or equivalent. <i>Advisory:</i> Photography 180 with a grade of "C" or better, or equivalent. This course is a hands-on study in the development of an online portfolio to showcase work and/or function as a sales tool for art work or professional services. Emphasis is placed on the special layout and design needs of photographic websites for showing and selling images. The course is designed for intermediate and advanced photo students ready to put their work and/or creative services online for sale.</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>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2020</p>
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Subject: Photography (PHOT) Discipline: Photography

<p>180 Photo Editing: Lightroom 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Photography 143 with a grade of "C" or better, or equivalent. This course is an introduction to the theories and methods of computer use in image making utilizing both traditional photography and digital technology. The course provides hands on experience in using computer technology as a digital darkroom. Emphasis is on the use of industry standard photo editing software, specifically Adobe Lightroom. Focus is on the applications and principles of image creation, manipulation, and enhancement for visual expression and communication. This course is for photography students who can demonstrate an introductory level of skill in digital imaging.</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>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2020</p>
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Subject: Photography (PHOT) Discipline: Photography

181 Photo Editing: Photoshop 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only REQUISITES: <i>Prerequisite:</i> Photography 143 with a grade of "C" or better, or equivalent. This course presents introductory and intermediate-level techniques utilizing Adobe Photoshop. Students explore a variety of technical and creative tools for producing, editing, and altering digital images. City labs are all Mac, but students may work with Mac or Windows platforms. This course is for photography students who can demonstrate an introductory level of skill in digital imaging. FIELD TRIP REQUIREMENTS: May be required TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Offered At: City Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Hours Change</i> <i>Texts</i> Approved Proposed for College(s): City Originating Campus: CITY Effective: Fall 2020
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Subject: Photography (PHOT) Discipline: Photography

220 Portraiture 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only REQUISITES: <i>Prerequisite:</i> Photography 200A with a grade of "C" or better, or equivalent. This course covers camera types and formats, lenses, digital capture, and accessory equipment used for portrait photography. Emphasis is placed on different types and sources of light, both in the studio and on location, use of black and white (B/W) and color films and digital capture, posing techniques and proper use of cosmetics, clothing, etc. Topics also include the physical, psychological, and compositional aspects and characteristics of different portrait styles. This course is intended for intermediate and advanced photography students. FIELD TRIP REQUIREMENTS: May be required TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Offered At: City Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Hours Change</i> <i>Methods of Evaluation</i> <i>Texts</i> Approved Proposed for College(s): City Originating Campus: CITY Effective: Fall 2020
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**Curriculum Instructional Council
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Subject: Psychology (PSYC) Discipline: Psychology

<p>165 Theories of Consciousness</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent. This course explores various theoretical approaches to the mind-body problem, as well as a broad range of different states of consciousness, including normal waking consciousness, daydreaming, sleeping, dreaming, hypnosis, meditation, and psychedelic drug states. States of consciousness are considered by examining both behavioral experiences as well as neural correlates of those states, including case studies of brain-injured patients and neuroimaging of normal participants in different states of consciousness. This course is intended for all students interested in psychology and/or theories of consciousness.</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>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2020</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.)

*Engineering Technology

New Program- *Approved*

Energy and Geo-Environmental Engineering- City, PID 3794: Effective Fall 2020

Green Building Energy Professional Certificate of Achievement

*Engineering Technology

New Program- *Approved*

Energy and Geo-Environmental Engineering- City, PID 3860: Effective Fall 2020

Green Building Energy Professional Associate of Science

Mathematics

Program Revision- *Approved*

Mathematics- City, PID 3881: Effective Fall 2020

Mathematics Associate of Arts

*Political Science

Program Deactivation- *Approved*

Public Administration- City, PID 3880: Effective Fall 2020

Public Administration Associate of Arts

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