

Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Accounting (ACCT) Discipline: Accounting

<p>~ 201A Intermediate Accounting I</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Accounting 116A with a grade of "C" or better, or equivalent. This course introduces students to advanced theory, concepts, standards, and principles of financial accounting, with an emphasis on corporate financial statements. Topics include the acquisition, valuation, and disposition of assets as well as the identification and reporting of current liabilities. This course is intended for students majoring in the field of accounting and those interested in upgrading their accounting job/career skills.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Stand Alone Status (City)</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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Subject: Accounting (ACCT) Discipline: Accounting

<p>~ 201B Intermediate Accounting II</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Accounting 201A with a grade of "C" or better, or equivalent. This course is a continuation of advanced financial accounting standards, theory, and principles. Topics include the valuation and presentation of liabilities and stockholders' equity; revenue recognition; leases; and tax accounting. This course is intended for students majoring in the field of accounting and those interested in upgrading their accounting job/career skills.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Stand Alone Status (City, Miramar)</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

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Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Administration Of Justice (ADJU)

<p>*~ 265A Corrections Officer Conversion Course 24 - 27 hours lecture, 144 - 162 hours lab, 4.5 units Grade Only</p> <p>This course provides training for currently serving Court Service Officers in the field of adult corrections. It meets the minimum mandates of the California State Board of Corrections. The course emphasizes facility operations, criminal law, ethics, inmate supervision, defensive tactics, and physical training.</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 Deactivation (Not at any College)</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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Subject: Air Conditioning, Heating, And Solar Energy (AIRE) Discipline: Engineering Technology

<p>*~ 60 Construction Safety and Health 32 - 36 hours lecture, 2 units Grade Only</p> <p>This course is designed to prepare students to perform as what Occupational Safety and Health Administration (OSHA) defines as a competent person - able to recognize hazards associated with a particular task and mitigate associated hazards. Emphasis is placed on identifying and addressing safety and health problems on construction worksites. Topics include a broad spectrum of health and safety workplace concerns regarding OSHA construction standards. This course is designed for students interested in construction technology, job-site safety, hazard identification, avoidance control, and injury and illness prevention.</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 <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 2019</p>
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Subject: Air Conditioning, Heating, And Solar Energy (AIRE) Discipline: Engineering Technology

<p>*~ 94 HVAC/R Certification Training 48 - 54 hours lecture, 3 units Grade Only</p> <p>This course is designed to prepare students for various industry recognized certifications pertaining to the Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC/R) industry. Emphasis is placed on industry specific certification readiness. Topics include Environmental Protection Agency (EPA) Section 608 Technician Certification, Environmentally Safe R-410A Service Techniques, Preventive Maintenance Techniques, GREEN HVAC/R Technician Certification, and Techniques and Regulations for the Safe Handling of Flammable Hydrocarbon and Hydrofluoroolefin Refrigerants. This course is designed for students interested in gaining competitive advantage through certification while fulfilling entry level requirements to enter the HVAC/R industry.</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 <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 2019</p>
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Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Allied Health (ALLH) Discipline: Health Care Ancillaries

<p>48 Basic Skills for Health Care Careers</p> <p style="text-align: right;">32 - 36 hours lecture, 2 units Letter Grade or Pass/No Pass Option</p> <p>This course is designed to prepare students interested in entering the health care industry for the college level interdisciplinary skills required in math, oral and written communication. In-class essay development, mathematical word problems, logical reasoning and professionalism are emphasized.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Not applicable to the Associate Degree.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Allied Health (ALLH) Discipline: Health Care Ancillaries

<p>49 Introduction to Health Careers</p> <p style="text-align: right;">24 - 27 hours lecture, 1.5 units Letter Grade or Pass/No Pass Option</p> <p>This introductory course is designed for students interested in entering the human or veterinary health care industry. This course explores the history and key aspects of the practice of health care in the United States. The content provides ways to identify general aptitudes and skills required in health careers and provide students with an opportunity to match individual aptitudes, interests and abilities to specific health careers.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Not applicable to the Associate Degree.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Allied Health (ALLH) Discipline: Animal Health Technology or Dental Technology or Health Care Ancillaries or Health Information Technology or Physical Therapy Assisting, or Radiological Technology

<p>290 Independent Study</p> <p style="text-align: right;">48 - 162 hours other, 1-3 units Pass/No Pass</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Must obtain an Add Code from the instructor for enrollment. This course is for students who wish to conduct additional research, a special project, or learning activities in Allied Health and is not intended to replace an existing course in an Allied Health program. In this course students will have a written contract with their instructor for activities such as: preparing problem analysis, engaging in primary research, preparing reports, and meeting with the instructor at specific intervals.</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>Methods of Instruction</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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**Curriculum Instructional Council
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Subject: Art-Fine Art (ARTF) Discipline: Art or Art History

<p>113 Arts of Africa, Oceania, and the Americas</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 Skill Levels/Milestones R6 and W6. This course is an introduction to the visual arts produced by selected peoples of Africa, Oceania, and the Americas from the prehistoric to contemporary periods. Topics include art and architecture produced by groups from Africa, Oceania, and the Americas and emphasize how art is representative of the cultural, religious, social, or political orientation of each region. This course is designed for art and art history majors as well as others interested in the humanities.</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, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Discipline Change</i> <i>Methods of Evaluation</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Mesa, Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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Subject: Art-Graphic Design (ARTG) Discipline: Graphic Arts

<p>~ 143 Interaction Design I</p> <p align="right">24 - 27 hours lecture, 72 - 81 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Art-Graphic Design 125, Art-Graphic Design 100, and Art-Graphic Design 106, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Art- Graphic Design 265B or Art-Graphic Design 144. This intermediate course explores the fundamentals of interaction design. Through the use of current industry processes and design methodologies, students design dynamic website layouts with a focus on responsive design. Students learn to create strong information architecture and intuitive user interfaces through an emphasis on process and strategy. Instruction includes an overview of current industry tools and software. This course is intended for Graphic Design and Interaction Design students.</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>Advisory (Change)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Title Change</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCCCO submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Art-Graphic Design (ARTG) Discipline: Graphic Arts

<p>~ 153 Interaction Design II</p> <p align="right">24 - 27 hours lecture, 72 - 81 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Art-Graphic Design 125, and Art-Graphic Design 143, each with a grade of "C" or better, or equivalent. This advanced course explores the strategies and best practices that lead to successful mobile interactive experiences. The course applies current user experience strategies to real design problems. Students create design solutions that translate complex tasks and information into digital products that are user-friendly and elicit emotional responses. Current industry software is used to create working prototypes. This course is intended for Graphic Design and Interaction Design students.</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>Advisory (New)</i> <i>Course Description</i> <i>Title Change</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Art-Graphic Design (ARTG) Discipline: Graphic Arts

<p>*~ 163 Interaction Design III</p> <p align="right">24 - 27 hours lecture, 72 - 81 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Art-Graphic Design 125 and Art-Graphic Design 153, each with a grade of "C" or better, or equivalent. This advanced course explores the design and development of websites through a series of design and technical workshops. Students plan, create, and deploy a database-driven website and learn about website frameworks, content management systems, website hosting, and the basics of coding. This course is intended for Graphic Design and Interaction Design students.</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>Dist. Ed Proposed For College(s): City</p> <p>Effective: Fall 2019</p>
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**Curriculum Instructional Council
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Subject: Art-Graphic Design (ARTG) Discipline: Graphic Arts

<p>*~ 173 Interaction Design IV</p> <p style="text-align: right;">24 - 27 hours lecture, 72 - 81 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Art-Graphic Design 125 and Art-Graphic Design 163, each with a grade of "C" or better, or equivalent. This advanced studio course exposes students to the latest applications of interaction design. The course explores the conceptual aspects of interaction design and applies them to emerging and experimental media. Students identify valuable design opportunities and document a range of potential solutions. This course is intended for Graphic Design and Interaction Design students.</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 2019</p>
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Subject: Astronomy (ASTR) Discipline: Astronomy or Physics/Astronomy

<p>101 Descriptive Astronomy</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with Skill Levels/Milestones R5 and W5. This course is an introductory survey of contemporary astronomy. Topics covered include the solar system, stars and stellar evolution, the Milky Way galaxy and cosmology. This course is intended for students with a general interest in astronomy.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. IGETC. UC Transfer Course List. CSU General Education.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Course Description</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Approved

**Curriculum Instructional Council
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Subject: Business (BUSE) Discipline: Business

<p>*~ 52 Introduction to Online Learning</p> <p style="text-align: right;">8 - 9 hours lecture, 0.5 units Pass/No Pass</p> <p>This course introduces students to the online learning environment and the District's learning management system. Emphasis is placed on the online learning environment, technical knowledge, navigating the learning management system, and academic skills for a successfully online student. This course is designed for students interested in career technical education, and students new to online learning.</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): City</p> <p>Originating Campus: CITY</p> <p>Dist. Ed Proposed For College(s): City</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCCCO submission

Curriculum Instructional Council
Actions Approved – December 13, 2018

Subject: Business (BUSE) Discipline: Accounting or Business

101 Business Mathematics

48 - 54 hours lecture, 3 units
Grade Only

REQUISITES:

Prerequisite: Mathematics 46 or Mathematics 92, each with a grade of "C" or better, or equivalent or Skill Levels/Milestones M40 or M45, or Mathematics 59 with a grade of "C" or better, or equivalent.

This course provides a comprehensive study of mathematical concepts and computational techniques used in business. Topics include the mathematics of bank services; payroll; buying and selling; interest and loans; taxes; insurance; depreciation; and annuities, stocks, and bonds. Students also use descriptive statistics to evaluate business-related data and quantitative reasoning skills to select among different options in business-related decisions. This course is intended for students majoring in business or others who work or intend to work in a business setting such as managers, supervisors, or work team members.

FIELD TRIP REQUIREMENTS: May be required

TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.

Offered At: City, Mesa, Miramar

Action(s) Proposed: Course Revision
(May Include Activation)

- Six Year Review
- Advisory (Remove)
- Course Description
- Critical Thinking Assignments
- General Education
- Methods of Evaluation
- Methods of Instruction
- Outline of Topics
- Outside Assignments
- Prerequisite (New)
- Student Learning Objectives
- Texts

Approved

Proposed for College(s): City, Mesa, Miramar

Originating Campus: MIRAMAR

This course is being proposed at City, Mesa, and Miramar for:

- CSU General Education: B4 Area B. Scientific Inquiry and Quantitative Reasoning - Mathematics/Quantitative Reasoning
- Other Graduation Requirement

To be reviewed at the May 9th CIC meeting

Effective: Fall 2019

*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Business (BUSE) Discipline: Business

<p>~ 129 Introduction to Entrepreneurship</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, each with Assessment Skill Levels/Milestones R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Skill Level/Milestone M30. Students in this course develop an understanding of the complex tasks faced by individuals engaged in entrepreneurial activities. Emphasis is placed on understanding and identifying the psychological traits and behaviors of the entrepreneurial mindset, the ideation process, feasibility planning, resource acquisition, pitching a business idea and the conceptual steps for launching a new business venture. This course is designed for all students interested in understanding entrepreneurship and how small businesses prepare to launch.</p> <p>FIELD TRIP REQUIREMENTS: Required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Activation (Currently active at another college)</p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Dist. Ed Proposed For College(s): Miramar</p> <p>Effective: Fall 2019</p>
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Subject: Business (BUSE) Discipline: Business

<p>*~ 145 Business of Cannabis</p> <p align="right">32 - 36 hours lecture, 2 units Grade Only</p> <p>This course examines the business of running a legal cannabis dispensary. Emphasis is placed on the analysis and practical application of dispensary business operations, legal issues and compliance, accounting, and security. This course is intended for students interested in the business aspects of running a cannabis dispensary.</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</p> <p>Approved</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 2019</p>
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**Curriculum Instructional Council
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Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>~ 95 Keyboarding Skill Development</p> <p style="text-align: right;">48 - 54 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Computer Business Technology 94 or Computer Business Technology 101, each with a grade of "C" or better, or equivalent. This course is for students and professionals who want to improve keyboarding skills with emphasis on increasing speed and accuracy through timed exercises.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Deactivation *(Active at another College)*</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>*~ 102 Keyboarding</p> <p style="text-align: right;">24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with Skill Levels/Milestones R5 and W5. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Office Information Systems 101, Office Information Systems 102, Office Information Systems 164, Computer Business Technology 94, Computer Business Technology 101 or Computer Business Technology 103. This course covers touch control of the keyboard and proper typing techniques. Emphasis is placed on building speed and accuracy through specialized drills and practice on straight copy and numbers. Students apply keyboarding skills to the formatting of letters, reports, tables, and memos using word processing software. This course is intended for all students interested in improved keyboard skills for personal and/or business use.</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)</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>*~ 103 Beginning Computer Keyboarding 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with Skill Levels/Milestones R5 and W5. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Office Information Systems 100, Office Information Systems 101, Office Information Systems 102, Office Information Systems 164, Computer Business Technology 094, Computer Business Technology 101 or Computer Business Technology 102. This course covers basic keyboarding skills by touch using a computer and word processing software. Emphasis is placed on basic formatting for letters, tables, and reports. This course is designed for students and professionals acquiring or updating skills in keyboarding and word processing.</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 2019</p>
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Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>114 Introduction to Microsoft Windows 12 - 13.5 hours lecture, 12 - 13.5 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Computer Business Technology 94 or Computer Business Technology 101, each with a grade of "C" or better, or equivalent. This course is an overview of the features of the Microsoft Windows operating system and environment. Students learn to use and customize the start menu; work with Windows accessory programs; manage storage drives; work with folders and files; create shortcuts; and customize the desktop. This course is designed for students intending to use Microsoft Windows for academic, professional and/or personal purposes.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>120 Beginning Microsoft Word</p> <p style="text-align: right;">24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Computer Business Technology 94 or Computer Business Technology 101, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Computer Business Technology 120A or Computer Business Technology 120B. This course is an introduction to document formatting using Microsoft Word. Students create fliers, letters, memos, reports and office documents. Topics include mail merge and table basics. This course is designed for students intending to use Microsoft Word for academic, professional and/or personal purposes.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>122 Intermediate Microsoft Word</p> <p style="text-align: right;">32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Computer Business Technology 94 or Computer Business Technology 101 and Computer Business Technology 120, each with a grade of "C" or better, or equivalent. This intermediate-level course introduces advanced features and text editing tools of Microsoft Word. Students create reference documents, online forms and newsletters. Topics include the use of macros and collaboration and integration tools. This course is designed for students intending to use Microsoft Word for academic, professional and/or personal purposes.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Actions Approved – December 13, 2018**

Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>140 Beginning Microsoft Excel</p> <p align="right">24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Computer Business Technology 94 or Computer Business Technology 101 and Computer Business Technology 114, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Computer Business Technology 140A or Computer Business Technology 143. This course is intended for students, office support personnel, and business owners who require a competency in performing tasks in Microsoft Excel. Students receive hands-on instruction on how to create, modify, and enhance workbooks, charts, and formulas.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Advisory (Change)</i> <i>Outline of Topics</i> <i>Student Learning Objectives</i> <i>Supplies</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>162 Web Page Creation</p> <p align="right">24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with Skill Levels/Milestones R5 and W5; Computer Business Technology 114 with a grade of "C" or better, or equivalent. This course provides a hands-on approach to creating web pages for an intranet or website. Students learn to use Hypertext Markup Language (HTML), wizards, and templates to create web pages with links and graphics and multimedia enhancements. Students will use basic Cascading Style Sheet (CSS). This course is intended for students majoring in Computer Business Technology and professionals seeking a basic knowledge of HTML.</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>Advisory (Change)</i> <i>Supplies</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

Approved

Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>165 Webpage Creation with Dreamweaver 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Computer Business Technology 101 and Computer Business Technology 114, each with a grade of "C" or better, or equivalent. This course is a hands-on study of webpage creation. Students use a HyperText Markup Language (HTML) editor to create HTML and Cascading Style Sheets (CSS). Other topics include adding behaviors; using templates and library items; and embedding hypertext links, video, graphics, and multimedia files. This course is designed for students and professionals acquiring or updating skills in creating and editing simple webpages.</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 (Change)</i> <i>Outside Assignments</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>180 Microsoft Office 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Computer Business Technology 94 or Computer Business Technology 101 and Computer Business Technology 114, each with a grade of "C" or better, or equivalent. This course is designed for students interested in an overview and basic working knowledge of Microsoft Office Professional suite for personal and/or professional purposes. Emphasis is placed on word processing, spreadsheet, database, and presentations, and the integration of data within and between the programs.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>211 Office Administration</p> <p style="text-align: right;">32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Computer Business Technology 94 or Computer Business Technology 101 and Computer Business Technology 120, each with a grade of "C" or better, or equivalent. This course is designed to introduce and reinforce the practical use of current office administration procedures, duties, and human relations for office application. Topics also include office etiquette and dress, time management, communications systems and oral and computer presentations. This course is designed for Computer Business Technology majors as a capstone to be taken at the end of their coursework.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review Advisory (Change)</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>270 Work Experience</p> <p style="text-align: right;">60 - 300 hours other, 1-4 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Computer Business Technology 101 with a grade of "C" or better, or equivalent. This course is designed to extend occupational learning through employment and to compliment classroom instruction with on-the-job training. The goals and learning objectives will be designed by the student cooperatively with the employer and work experience instructor/coordinator. This work experience course of supervised employment is designed to assist students to acquire career awareness, work habits, attitudes and skills related to the student's college major. The combined credit for all 270 discipline courses may not exceed 8 units per semester for a total of 16 units of cooperative work experience. Additionally, students must work 75 paid hours or 60 non-paid hours per unit earned. This course is intended for students interested in the field of computer business technology.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review Advisory (Change)</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

Approved

Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Computer And Information Sciences (CISC) Discipline: Computer Science

<p>~ 191 Intermediate Java Programming 48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Computer and Information Sciences 190 with a grade of "C" or better, or equivalent. This course is an intermediate level study of the Java programming language. Topics include single and multidimensional arrays; objects and classes; object-oriented programming; inheritance and polymorphism; exception handling and text input/output (I/O); abstract classes and interfaces; graphical user interfaces (GUIs); recursion; concurrency; and generic collections and data structures, such as linked lists, queues, and stacks. This course is intended for students majoring in computer and information sciences or anyone interested in learning more about the Java programming language.</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: Miramar</p> <p>Action(s) Proposed: Course Activation (Currently active at another college) <i>Stand Alone Status (Miramar)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p><i>This course is being proposed at Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2020</p>
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Subject: Computer And Information Sciences (CISC) Discipline: Computer Science

<p>~ 211 Computer Organization and Assembly Language 48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with Skill Levels/Milestones R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30. This course is an introduction to the organization of modern digital computers and assembly language programming. Topics include language syntax; instruction set mnemonics; and segment, index, pointer, general purpose, and flag registers. A variety of memory addressing techniques are covered, as well as stack operations, particularly those associated with passing parameters to subroutine calls. Additional topics include machine architecture; memory addressing; input/output; interrupts; control structures; compiling; linking; and printer and disk interfaces. This course is intended for students majoring in computer and information sciences.</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: Miramar</p> <p>Action(s) Proposed: Course Activation (Currently active at another college)</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p><i>This course is being proposed at Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2020</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Computer And Information Sciences (CISC) Discipline: Computer Science or Mathematics

<p>~ 246 Discrete Mathematics for Computer Science</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Mathematics 245 and Computer and Information Sciences 190, each with a grade of "C" or better, or equivalent. This course is a continuation of discrete mathematics to include concepts and techniques used in computer science and related disciplines. Topics include theory of graphs, trees, boolean algebra, probability theory, and modeling computation. This course is intended for transfer students planning to major in computer science.</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: Miramar</p> <p>Action(s) Proposed: Course Activation (Currently active at another college)</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p><i>This course is being proposed at Mesa for:</i></p> <ul style="list-style-type: none"> • CSU General Education: B4 Area B. Scientific Inquiry and Quantitative Reasoning - Mathematics/Quantitative Reasoning • District General Education: A2 Language and Rationality - Communication & Analytical Thinking • IGETC: Area 2. Mathematical Concepts and Quantitative Reasoning - 2A: Math <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><i>This course is being proposed at Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2020</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Dramatic Arts (DRAM) Discipline: Drama/Theater Arts

<p>103 Acting for Non-majors</p> <p 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 or Skill Levels/Milestones R6 and W6. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Dramatic Arts 130. This course introduces students to improvisational acting, treating acting as process-centered. The instructor leads the students using a variety of exercises to imagine, enact and reflect upon human experiences, emphasizing problem-solving skills in group improvisational work. This course is designed for introductory drama students and anyone who is interested in studying acting.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Dramatic Arts (DRAM) Discipline: Drama/Theater Arts

<p>107 Study of Filmed Plays</p> <p 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 or Skill Levels/Milestones R6 and W6. This course is a study of cinematic adaptations of plays, comparing stage and screen versions in the areas of form and structure, writing, and production. Emphasis is placed on developing students' appreciation for dramatic art and providing practice in the art of theatre criticism. This course is designed for Drama majors and any student interested in the Humanities.</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: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Supplies</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Dramatic Arts (DRAM) Discipline: Drama/Theater Arts

<p>108 Playwriting</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Eligible to enroll in a transferable English composition course. This course gives students an opportunity to write dramatic material for the theatre. Topics and exercises include exploring dialogue, monologue, exposition, autobiography, writing for various voices, and other areas related to playwriting. Students are required to write scenes and monologues that explore issues of structure, in order to develop a technique to explore individual and traditional dramatic ideas and processes. This class is designed for students majoring in theatre and those students interested in the Humanities.</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 (Remove)</i> <i>Prerequisite (New)</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p><i>Approved by CIC Virtual Vote on November 19, 2018</i></p> <p>Effective: Fall 2019</p>
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Subject: Dramatic Arts (DRAM) Discipline: Drama/Theater Arts

<p>~ 126 Advanced Stagecraft</p> <p align="right">32 - 36 hours lecture, 48 - 54 hours lab, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> Dramatic Arts 123 with a grade of "C" or better, or equivalent. This course is an advanced study of technical stage production and scene technology. Emphasis is placed on the methods and practices of technical theory and on practical, hands-on experience. Topics include theater design, stage decor and lighting, and the synthesis of all elements of stagecraft within an environment of actual stage production. Students develop crew leadership skills as they create and construct set designs and operate stage equipment for all Dramatic Arts productions throughout the semester. This course is designed for Theatre majors and anyone interested in stagecraft.</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>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>SAM Code</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>TOP Code</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Dramatic Arts (DRAM) Discipline: Drama/Theater Arts

<p>129B Intermediate Scene Painting</p> <p align="center">32 - 36 hours lecture, 48 - 54 hours lab, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> Dramatic Arts 129A with a grade of "C" or better, or equivalent. This course is an intermediate study in the art and practice of theatrical scene painting. Emphasis is placed on the creation of large scale projects designed to allow students the opportunity to apply basic scene painting skills while experimenting with intermediate techniques and tools, including liner and aerial perspective and a variety of spray guns. Students take on leadership roles in scene painting for theatrical productions while developing communication and collaboration skills. The course is designed for students majoring in drama, art, or anyone interested in painting on a large scale.</p> <p>FIELD TRIP REQUIREMENTS: 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>Advisory (Remove)</i> <i>Course Description</i> <i>Outline of Topics</i> <i>Prerequisite (New)</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 2019</p>
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Subject: Dramatic Arts (DRAM) Discipline: Drama/Theater Arts

<p>*~ 244A Theatre Workshop I</p> <p align="center">48 - 108 hours lab, 1-2 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 Levels R6 and W6. This introductory class is designed for the rehearsal and performance of original, established, touring, or devised works. Aspects of theatre covered including acting, playwriting, and production support. This course is intended for introductory drama majors and all students interested in theatre arts.</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</p> <p>Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Dramatic Arts (DRAM) Discipline: Drama/Theater Arts

<p>*~ 244B Theatre Workshop II</p> <p style="text-align: right;">48 - 108 hours lab, 1-2 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> Dramatic Arts 244A with a grade of "C" or better, or equivalent. This class is designed for the intermediate level of rehearsal and performance of original, established, touring, or devised works. Various aspects of theatre are covered including acting, playwriting, directing, design, and production support. This course is intended for intermediate drama majors and all students interested in theatre arts.</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, Mesa</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Dramatic Arts (DRAM) Discipline: Drama/Theater Arts

<p>*~ 244C Theatre Workshop III</p> <p style="text-align: right;">48 - 108 hours lab, 1-2 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> Dramatic Arts 244B with a grade of "C" or better, or equivalent. This class is designed for the intermediate-advanced level of rehearsal and performance of original, established, touring, or devised works. All aspects of theatre are covered including acting, directing, playwriting, design, and production support. This course is intended for intermediate-advanced drama majors and all students interested in theatre arts.</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, Mesa</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Dramatic Arts (DRAM) Discipline: Drama/Theater Arts

<p>*~ 244D Theatre Workshop IV</p> <p style="text-align: right;">48 - 108 hours lab, 1-2 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> Dramatic Arts 244C with a grade of "C" or better, or equivalent. This class is designed for the advanced level of rehearsal and performance of original, established, touring, or devised works. All aspects of theatre are covered including acting, directing, playwriting, design, and production support. This course is intended for advanced drama majors and all students interested in theatre arts.</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, Mesa</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

Approved

Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Energy And Geo-Environmental Engineering (EGEE) Discipline: Engineering Technology or Environmental Technologies

<p>*~ 50 Building Science Principles</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>This course is designed to prepare students for the Building Performance Institutes - Building Science Principles - Certificate of Knowledge. Emphasis is placed on how the physical properties of heat, moisture, and airflow affect our homes, and how we can measure their impact and apply scientific principles to the goal of healthier, more energy-efficient homes. Topics include Heating and Insulation, Air and Air Sealing, Moisture and Moisture Control, Mechanical Systems, Conservation Strategies, and United States Department of Energy Home Energy Scores. This course is designed for students interested in Green Building Professional certification, Energy and Geo-Environmental Engineering (EGEE), and the Air Conditioning, Refrigeration, and Environmental Control Technology (AIRE).</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 <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 2019</p>
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Subject: Energy And Geo-Environmental Engineering (EGEE) Discipline: Engineering Technology or Environmental Technologies

<p>*~ 55 Air Quality Management and Systems</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>This course is a comprehensive study of air quality management and systems, their operations, and their impacts on the environment. Emphasis is placed on understanding the methods and devices used to improve air quality and comfort. Topics include the benefits of conditioned air and environments, and situations in which the improvement of air quality is essential. This course is designed for students interested in Green Building Professional certification, Air Conditioning, Refrigeration, and Environmental Control Technology (AIRE), and Energy and Geo-Environmental Engineering (EGEE)</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 <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 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: English (ENGL) Discipline: English

<p>42 College Reading and Study Skills I</p> <p align="right">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> This course is designed for native speakers of English. English language learners should enroll in the appropriate English Language Acquisition (ELAC) course as determined by the ELAC placement test. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for English 265B, English 47A, or English 55. This course is designed for students who wish to improve their reading skills in order to succeed in college level courses. Students practice the reading process extensively and intensively to develop confidence and enjoyment in reading a variety of material, including fiction, nonfiction, and textbooks. Students also develop reading strategies to facilitate comprehension and critical thinking. Other topics include the development of writing, vocabulary, discussion, and study skills.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Not applicable to the Associate Degree.</p>	<p>Offered At: Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Limitation on Enrollment (Change)</i> <i>Outline of Topics</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa, Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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Subject: English (ENGL) Discipline: English

<p>~ 43 English Review</p> <p align="right">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> Completion of or concurrent enrollment in English 42 with a grade of "C" or better, or equivalent or Skill Level/Milestone R4. This course is designed for native speakers of English. English language learners should enroll in the appropriate English Language Acquisition (ELAC) course as determined by the ELAC placement test. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for English 265B, English 47A, or English 50. This course is designed for students who need review of and practice with writing unified paragraphs and purposeful basic compositions. Students develop a knowledge of the writing process and grammatical structures to compose clear and complete sentences, paragraphs, and basic compositions (which may include short essays). Students also read texts as the basis for writing and develop critical thinking skills necessary for success in college courses.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Not applicable to the Associate Degree.</p>	<p>Offered At: Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Course Description</i> <i>Limitation on Enrollment (Change)</i> <i>Stand Alone Status (Miramar)</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa, Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: English (ENGL) Discipline: English

<p>208 Introduction to Literature</p> <p align="right">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> English 101 or English 105, each with a grade of "C" or better, or equivalent or Skill Levels/Milestones R6 and W6. This course provides an inquiry into the basic nature of literature. Students read and analyze representative literary works in fiction, non-fiction, poetry, and drama from various cultures and periods, applying practical critical techniques in essays, reports, and exams. This course is designed for students with a general interest in literature as well as for those majoring in the field.</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: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Methods of Instruction</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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Subject: English (ENGL) Discipline: English

<p>209 Literary Approaches to Film</p> <p align="right">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> English 47A or English 48 and English 49, each with Skill Levels/Milestones R5 and W5. <i>Advisory:</i> English 101 or English 105, each with a grade of "C" or better, or equivalent or Skill Levels/Milestones R6 and W6. This course is a study of film from a literary perspective. Emphasis is placed on reading and writing about film, film analysis, and cultural impact. Topics include film composition, genre, and literary criticism. This course is designed for English majors and all students interested in literature and/or film.</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: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Critical Thinking Assignments</i> <i>Methods of Evaluation</i> <i>Outside Assignments</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

Curriculum Instructional Council
Actions Approved – December 13, 2018

Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>113A Swimming I</p> <p style="text-align: right;">32 - 54 hours lab, 0.5-1 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 155 or Physical Education 155W. This course is the first in a series of swimming courses. Emphasis is placed on fundamental swimming technique and water safety skills. This is an entry level course for novice swimmers. When this course is offered for three hours per week, the additional time is utilized for skill development.</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, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i> <i>Methods of Evaluation</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>113B Swimming II</p> <p style="text-align: right;">32 - 54 hours lab, 0.5-1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Exercise Science 113A 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 Physical Education 155X. This course is the second in a series of swimming courses. Emphasis is placed on the development of swimming strokes, open turns, entering the water, and aquatic emergency situations. This course is intended for beginning level swimmers with some aquatic experience. When this course is offered for three hours per week, the additional time is utilized for skill development.</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, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Methods of Evaluation</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>113C Swimming III</p> <p align="right">32 - 54 hours lab, 0.5-1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Exercise Science 113A and Exercise Science 113B, each with a grade of "C" or better, or equivalent <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 155Y. This course is the third in a series of swimming courses. Emphasis is placed on intermediate swim stroke development, open turns, head first water entry, and pool and open water emergency response. This course is intended for intermediate level swimmers. When this course is offered for three hours per week, the additional time is utilized for skill development.</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, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Methods of Evaluation</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>113D Swimming IV</p> <p align="right">32 - 54 hours lab, 0.5-1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Exercise Science 113B and Exercise Science 113C, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 155Z. This course is the fourth in a series of swimming courses. Emphasis is placed on advanced swimming techniques, turns, finishes, and racing starts, swim propulsion and drag theories, and aquatic survival and safety skills. This course is intended for advanced swimmers. When this course is offered for three hours per week, the additional time is utilized for skill development.</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, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Methods of Evaluation</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

Approved

Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>*~ 179A Pickleball I</p> <p style="text-align: right;">24 - 54 hours lab, 0.5-1 units Grade Only</p> <p>This course is an introduction to the sport of pickleball. Emphasis is placed on the fundamental pickleball techniques, rules and etiquette needed to play pickleball with no prior experience. When the course is offered for three hours per week, the additional time is utilized for stroke development and application of strategies in playing situations. This course is designed for kinesiology majors and all students interested in the sport of pickleball.</p> <p>FIELD TRIP REQUIREMENTS: Not 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, Mesa</p> <p>Originating Campus: MESA</p> <p><i>This course is being proposed at City and Mesa for:</i></p> <ul style="list-style-type: none">• Other Graduation Requirement <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><i>This course is being proposed at City and Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2019</p>
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Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>*~ 179B Pickleball II</p> <p style="text-align: right;">24 - 54 hours lab, 0.5-1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Exercise Science 179A with a grade of "C" or better, or equivalent. This course provides instruction and on-court experience in the skills, strategies, rules and etiquette necessary to play pickleball at a beginner level, including both singles and doubles. No prior experience is required, although a background in other racquet sports such as tennis, racquetball or badminton is helpful. When the course is offered for three hours per week, the additional time is utilized for stroke development and application of strategies in playing situations. This course is designed for kinesiology majors and all students interested in the sport of pickleball.</p> <p>FIELD TRIP REQUIREMENTS: Not 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, Mesa,</p> <p>Originating Campus: MESA</p> <p><i>This course is being proposed at City and Mesa for:</i></p> <ul style="list-style-type: none">• Other Graduation Requirement <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><i>This course is being proposed at City and Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>*~ 179C Pickleball III</p> <p align="right">24 - 54 hours lab, 0.5-1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Exercise Science 179B with a grade of "C" or better, or equivalent. This course provides instruction and on-court experience in the skills strategies, rules and etiquette necessary to play pickleball at an intermediate level, including both singles and doubles. Completion of Pickleball I or II is not required, but recommended. A background in other racquet sports such as tennis, racquetball or badminton is helpful. When the course is offered for three hours per week, the additional time utilized for stroke development and application of strategies in playing situations.</p> <p>FIELD TRIP REQUIREMENTS: Not 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, Mesa</p> <p>Originating Campus: MESA</p> <p><i>This course is being proposed at City and Mesa for:</i></p> <ul style="list-style-type: none"> <i>Other Graduation Requirement</i> <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><i>This course is being proposed at City and Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2019</p>
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Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>*~ 179D Pickleball IV</p> <p align="right">24 - 54 hours lab, 0.5-1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Exercise Science 179C with a grade of "C" or better, or equivalent. This course provides instruction and on-court experience in the skills, strategies, rules and etiquette necessary to play pickleball at an advanced level, including both singles and doubles. Completion of Pickleball 3 is highly recommended. A background in other racquet sports such as tennis, racquetball or badminton is helpful. When the course is offered for three hours per week, the additional time is utilized for stroke development and application of strategies in playing situations, including tournaments. This course is designed for kinesiology majors and all students interested in the sport of pickleball.</p> <p>FIELD TRIP REQUIREMENTS: Not 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, Mesa</p> <p>Originating Campus: MESA</p> <p><i>This course is being proposed at City and Mesa for:</i></p> <ul style="list-style-type: none"> <i>Other Graduation Requirement</i> <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><i>This course is being proposed at City and Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>*~ 183A Beach Volleyball I</p> <p align="right">24 - 54 hours lab, 0.5-1 units Grade Only</p> <p>This course is the first of four courses in beach volleyball. Emphasis is placed on volleyball terminology, introductory level skills, improvement of cardiovascular/aerobic fitness, basic rules, safety procedures, strategies and etiquette. This course is intended for kinesiology majors and all students interested in incorporating the sport of beach volleyball into an active lifestyle.</p> <p>FIELD TRIP REQUIREMENTS: 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, Mesa</p> <p>Originating Campus: MESA</p> <p><i>This course is being proposed at City and Mesa for:</i></p> <ul style="list-style-type: none"> • <i>Other Graduation Requirement</i> <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><i>This course is being proposed at City and Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2019</p>
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Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>*~ 183B Beach Volleyball II</p> <p align="right">24 - 54 hours lab, 0.5-1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Exercise Science 183A with a grade of "C" or better, or equivalent. This course is the second of four courses in beach volleyball. Emphasis is placed on beginning level skills and offensive and defensive systems as they relate to team play. This course is intended for Kinesiology majors and all students interested in incorporating the sport of volleyball into an active lifestyle.</p> <p>FIELD TRIP REQUIREMENTS: 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, Mesa</p> <p>Originating Campus: MESA</p> <p><i>This course is being proposed at City and Mesa for:</i></p> <ul style="list-style-type: none"> • <i>Other Graduation Requirement</i> <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><i>This course is being proposed at City and Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>*~ 183C Beach Volleyball III</p> <p style="text-align: right;">24 - 54 hours lab, 0.5-1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Exercise Science 183B with a grade of "C" or better, or equivalent. This is the third of four courses in beach volleyball. Topics include intermediate skill development, introduction to plyometric training, team strategies on offense and defense. This course is intended for kinesiology majors and all students interested in incorporating the sport of beach volleyball into an active lifestyle.</p> <p>FIELD TRIP REQUIREMENTS: 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, Mesa</p> <p>Originating Campus: MESA</p> <p><i>This course is being proposed at City and Mesa for:</i></p> <ul style="list-style-type: none"> • <i>Other Graduation Requirement</i> <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><i>This course is being proposed at City and Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2019</p>
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Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>*~ 183D Beach Volleyball IV</p> <p style="text-align: right;">24 - 54 hours lab, 0.5-1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Exercise Science 183C with a grade of "C" or better, or equivalent. This is the fourth of four courses in beach volleyball. Topics include advanced skill development, introduction to plyometric training, team strategies on offense and defense. This course is intended for kinesiology majors and all students interested in incorporating the sport of beach volleyball into an active lifestyle.</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, Mesa</p> <p>Originating Campus: MESA</p> <p><i>This course is being proposed at City and Mesa for:</i></p> <ul style="list-style-type: none"> • <i>Other Graduation Requirement</i> <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><i>This course is being proposed at City and Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>222 Intercollegiate Track and Field I</p> <p align="right">96 - 175 hours lab, 2-3.5 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 222. This course is for students competing in their first season of intercollegiate track and field. This course may be taken two times for credit. Students must demonstrate increased proficiency and skill attainment with each repetition.</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>Advisory (Remove)</i> <i>Outline of Topics</i> <i>Supplies</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>223 Intercollegiate Track and Field II</p> <p align="right">96 - 175 hours lab, 2-3.5 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 223. This course is for students competing in their second season of intercollegiate track and field. This course may be taken two times for credit. Students must demonstrate increased proficiency and skill attainment with each repetition.</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>Advisory (Remove)</i> <i>Supplies</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>~ 232A Professional Activities/Cross Country I 24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with Skill Levels/Milestones R5 and W5. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 258A. This course introduces students to the development of skills for cross country running as well as biomechanics, exercise physiology, workout design, scouting, and procedures for administrating a college cross country meet. The course is designed for students who are participating in this sport and for those who may be interested in coaching cross country teams.</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 Activation (Currently active at another college) Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p><i>This course is being proposed at Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2020</p>
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Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>~ 232B Professional Activities/Cross Country II 24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Exercise Science 232A with a grade of "C" or better, or equivalent. <i>Advisory:</i> English 47A or English 48 and English 49, each with Skill Levels/Milestones R5 and W5. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 258B. This course covers the development of advanced skills in cross country running, including techniques of biomechanics, exercise physiology, workout design, and scouting. Emphasis is placed on procedures for administering college cross country meets and coaching techniques. This course is designed for second-year students who are participating in this sport and for those who are interested in coaching cross-country teams.</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 Activation (Currently active at another college) Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p><i>This course is being proposed at Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2020</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>~ 292 Yoga Teacher Training Essentials 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory: Completion of or concurrent enrollment in Exercise Science 145A or Exercise Science 145B or Exercise Science 145C or Exercise Science 145D, each with a grade of "C" or better, or equivalent.</i> This course serves as an introduction to the fundamental concepts of yoga necessary to further one's personal practice and to instruct beginner level yoga classes. Students will investigate and develop an in-depth understanding of the eight limbs of yoga, with a specific focus on the yamas, niyamas, asanas and pranayama as a foundation for teaching yoga. Additional topics include the history and philosophy of yoga, introduction to Sanskrit, anatomy and biomechanics of yoga, asana classification, types of yoga, introduction to the yoga sutras and basic alignment principles. This course partially fulfills the requirement for the 200-hour Registered Yoga Teacher (RYT) credential with Yoga Alliance. It is intended for students seeking certification as a Registered Yoga Teacher, current yoga teachers, group fitness instructors, health coaches, personal trainers, or other health and fitness professionals.</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 (Change)</i> <i>Methods of Instruction</i> <i>Reading Assignments</i> <i>Stand Alone Status</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Dist. Ed Proposed For College(s): Miramar</p> <p>Effective: Fall 2019</p>
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Subject: Exercise Science (EXSC) Discipline: Physical Education

<p>293 Yoga Teacher Training Progressive Methodologies 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Exercise Science 292 with a grade of "C" or better, or equivalent.</i> <i>Advisory: Completion of or concurrent enrollment in Exercise Science 145A, Exercise Science 145B, Exercise Science 145C, or Exercise Science 145D, each with a grade of "C" or better, or equivalent.</i> This course provides students with the class blueprint and teaching tools from which to develop and implement all-levels yoga classes. With a focus on instructional methods, students will explore and practically apply the concept of intelligent sequencing for leading purposeful vinyasa-based yoga class experiences. Other topics include verbal and nonverbal communication strategies; student learning styles; meditation; asana progressions and regressions; introduction to physical adjustments; energetic anatomy; lifestyle and ethics for yoga teachers; and the business of yoga. This course partially fulfills the requirement for the 200-hour Registered Yoga Teacher (RYT) credential with Yoga Alliance. It is intended for students seeking certification as a Registered Yoga Teacher, current yoga teachers, group fitness instructors, health coaches, personal trainers, or other health and fitness professionals.</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 (Change)</i> <i>Methods of Instruction</i></p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Dist. Ed Proposed For College(s): Miramar</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Fashion (FASH) Discipline: Fashion and Related Technologies

<p>123 Introduction to Costume Development 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Fashion 120, Fashion 130, Fashion 131, Fashion 141, and Fashion 145, each with a grade of "C" or better, or equivalent. In this course students learn the process of costuming for theatre and stage. They study the various approaches to costuming and will research, design, draft/drape and construct a costume from a period of history, suitable for the stage. Analysis, sketching, pattern drafting/draping and construction skills will be utilized. This course is designed for Fashion students interested in costume development.</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 (New)</i> <i>Prerequisite (Remove)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Fashion (FASH) Discipline: Fashion and Related Technologies

<p>140 Clothing Design and Flat Pattern I 48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Corequisite:</i> Completion of or concurrent enrollment in Fashion 130 with a grade of "C" or better, or equivalent. This course is a study of clothing design through flat pattern making. Students make patterns by manipulation of a basic sloper to create a variety of designs. This course is designed for all fashion design majors and students interested in creating original clothing designs.</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 (Remove)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

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

<p>~ 150D Introduction to Fire Suppression and Maintenance Manipulative Tasks (Truck Operations)</p> <p style="text-align: right;">72 - 81 hours lab, 1.5 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Fire Protection Technology 150C with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Fire Protection Technology 106. This course provides advanced instruction in the operation and maintenance of fire service truck company equipment. Topics include truck company equipment, responsibilities, tactics, and specialized skills. This course is designed at an advanced level to facilitate students' qualification for the manipulative training portion of Firefighter I as specified by the California Fire Service Training and Education Division of the State Fire Marshal's Office. It is intended for students majoring in the field of fire technology or those interested in a career in the fire service.</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 (Remove)</i> <i>Corequisite (New)</i> <i>Course Description</i> <i>Course Renumbering (was 106)</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>Prerequisite (Remove)</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Text</i> <i>Title Change</i> <i>Units Change</i></p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Dist. Ed Removed For College(s): Miramar</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Geographic Information Systems (GISG) Discipline: Computer Service Technology

<p>110 Introduction to Mapping and Geographic Information Systems 40 - 45 hours lecture, 24 - 27 hours lab, 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 or Assessment Skill Levels R6 and W6; Computer Business Technology 94 or Computer Business Technology 101 and Computer Business Technology 114, each with a grade of "C" or better, or equivalent.</p> <p>This course is a practical study of Geographic Information Systems (GIS). Emphasis is placed on the use of ArcGIS software to map, analyze, and model geographic information relevant to fields such as forestry, economics, cartography, city planning, and health. Topics include map making, GIS data creation and management, and map projections and coordinate systems. This course is designed for students majoring in geographic information systems and professionals in the field who want to update their skills.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Geographic Information Systems (GISG) Discipline: Computer Service Technology

<p>111 Geographic Information Systems and Cartography 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> Geographic Information Systems 110 with a grade of "C" or better, or equivalent.</p> <p>This course is designed for students who possess a basic background in Geographic Information Systems (GIS). Learning in this course focuses on cartographic principles of map design, production, and evaluation through the application of hands-on activities using ArcGIS software. Topics covered include data acquisition methods used in map production (Global Positioning Systems/GPS, scanning, and georeferencing of data); spatial analysis techniques (using geoprocessing); and GIS project planning techniques. Cartographic tools and enhancements such as map layout, symbology, and labeling are emphasized. Students will apply project management skills to a class project.</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>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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Approved

Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Geographic Information Systems (GISG) Discipline: Computer Service Technology

<p>112 Spatial Analysis with Geographic Information Systems 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Geographic Information Systems 111 with a grade of "C" or better, or equivalent. This course teaches intermediate geographic information systems (GIS) concepts and spatial analysis techniques, focusing on raster data and surfaces. Emphasis is placed on hands-on exercises using GIS software and on the functionality of GIS as an effective tool for modeling and analyzing complex GIS surfaces. This course is intended for students earning a certificate or degree in GIS and/or for GIS professionals who wish to gain more experience with spatial analysis and working with raster data for both 2D and 3D surfaces.</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 (Remove)</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Geographic Information Systems (GISG) Discipline: Computer Service Technology

<p>113 Advanced Geographic Information Systems Applications 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Geographic Information Systems 112 with a grade of "C" or better, or equivalent. This course introduces students to advanced topics, techniques, and applications of geographic information systems (GIS) spatial analyses and customizations. Emphasis is placed on using advanced GIS software for spatial analysis, visualization, interpretation, and statistics. Students use real-world data and apply one or more advanced applications to class project analyses to evaluate GIS analysis as a tool in the decision-making process. Students gain a knowledge of, and experience in using, advanced software applications. More advanced class projects may incorporate scripting and modeling. This course is intended for students who have achieved an intermediate level of knowledge and experience in GIS.</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 (Remove)</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Geographic Information Systems (GISG) Discipline: Computer Service Technology

<p>114 Spatial Databases in Geographic Information Systems 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> Geographic Information Systems 111 with a grade of "C" or better, or equivalent. This course focuses on the development and application of spatial database models and processing techniques. Students of Geographic Information Systems (GIS) who wish to gain exposure to emerging data structures and methods via problem-based learning benefit from this course. The course deals with conceptual issues in spatial database development, analysis, display, and designing and creating spatial databases. Students work with a variety of GIS data types and edit GIS data within the geodatabase environment, with emphasis on real-world applications. The class project focuses on the design, creation and use of a geodatabase to solve a problem.</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>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Geographic Information Systems (GISG) Discipline: Computer Service Technology

<p>130 Introduction to Remote Sensing 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> Geographic Information Systems 111 with a grade of "C" or better, or equivalent, and Mathematics 96 with a grade of "C" or better, or equivalent or Skill Level/Milestone M50. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Geographic Information Systems 130. This course introduces students to the basics of remote sensing, characteristics of remote sensors, and remote sensing applications in academic disciplines and professional industries. Emphasis is placed on image acquisition and data collection in the electromagnetic spectrum and data set manipulations. This course is designed for geographic information systems (GIS) students interested in imagery analysis.</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 (New)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Geographic Information Systems (GISG) Discipline: Computer Service Technology

<p>131 Introduction to Digital Image Processing 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> Geographic Information Systems 111, and Geographic Information Systems 130, each with a grade of "C" or better, or equivalent; Mathematics 96 with a grade of "C" or better, or equivalent or Skill Level/Milestone M50. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Geographic Information Systems 121. This course introduces students to concepts related to processing, analysis, enhancement, correction, and interpretation of remotely sensed images. Emphasis is placed on photogrammetry, image acquisition, information extraction, scientific visualization and practical applications for geospatial professionals. This course is designed for geographic information systems (GIS) students interested in analysis of remotely sensed images.</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 (New)</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Geographic Information Systems (GISG) Discipline: Computer Service Technology

<p>270 Geographic Information Systems Work Experience 60 - 300 hours other, 1-4 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Geographic Information Systems 111 with a grade of "C" or better, or equivalent. This course is a directed field study where students apply classroom instruction to real world Geographic Information Systems (GIS) projects in the community. Students arrange for faculty and department chair approval prior to enrolling in work experience. Students are supervised by a college faculty member while participating in a short-term work experience/internship program in a business or government agency that uses GIS. Work experience students meet periodically with their assigned faculty member, complete interim reports and present a final report.</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>Texts</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>110 Introduction to Health Information</p> <p align="right">64 - 72 hours lecture, 4 units Grade Only</p> <p>This course is an introduction to the profession of Health Information Technology. It includes an overview of the American healthcare delivery system and health care professions, health information department functions, ethical and legal issues in health information technology, healthcare reimbursement, quality management, performance improvement, healthcare information systems, revenue cycle, and fraud and abuse compliance. Data governance, management, quality, analytics, and informatics as well as privacy and security regulations are discussed. The course is for Health Information Technology 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>Equivalency (End)</i> <i>Limitation on Enrollment (Remove)</i> <i>Methods of Evaluation</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 2019</p>
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Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>130 Basic Pharmacology</p> <p align="right">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Medical Assisting 115 with a grade of "C" or better, or equivalent.</i></p> <p>This course is an introduction to pharmacology. Topics include pharmacology terminology, drug forms, routes of administration, drug categories, and mechanisms of drug action. This course is intended for students in the Health Information Technology Program and healthcare professionals who want to refresh their working knowledge of basic pharmacology.</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>Corequisite (New)</i> <i>Prerequisite (Remove)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>135 Computer Basics for Health Information</p> <p align="right">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Health Information Technology 75. 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 & 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 (Remove)</i> <i>Methods of Evaluation</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>140 Fundamentals of Law for Health Information</p> <p 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 or Skill Levels/Milestones R6 and W6. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Health Information Technology 205. This course covers the legal aspects of health information management, including the American legal system, civil procedure, evidence, tort law, corporate and contract law. State, Federal and other agency rules regarding record access, retention, release of information, processing subpoenas, and confidentiality, such as HIPAA (Health Information Portability & Accountability Act) privacy and security rules, are also included. Other topics include required reporting, risk management, quality improvement, corporate compliance, medical staff, and workplace law. This course is intended for health information technology 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>Student Learning Objectives</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>155 Current Procedural Terminology (CPT) Coding 48 - 54 hours lecture, 3 units</p> <p align="right">Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Medical Assisting 110 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 Health Information Technology 155C. This introductory course for Health Information Technology students includes the use of Current Procedural Terminology (CPT) coding. The course covers the purpose of CPT, CPT Manual format, code format, and coding steps used to code from the six divisions of CPT: Evaluation & Management, Anesthesia, Surgery, Radiology, Pathology & Laboratory, and Medicine. In addition, the course includes national and category III codes. It also includes an overview of reimbursement issues involving physician and hospital payment for outpatient services. This course is also available to hospital and doctors' office employees.</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 (Remove)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>160 Healthcare Reimbursement 32 - 36 hours lecture, 2 units</p> <p align="right">Grade Only</p> <p>This course is an introduction to healthcare reimbursement and revenue cycle. The topics covered include reimbursement methodologies, clinical coding and compliance, voluntary and government sponsored insurance plans, managed care plans, revenue cycle management and value-based purchasing. Medicare and Medicaid prospective payment systems are also addressed in acute, post-acute, ambulatory, hospice and long term care settings. This course is for Health Information Technology 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>Methods of Evaluation</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 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>214 ICD Coding I</p> <p style="text-align: right;">32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Medical Assisting 115 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. Course not open to students with a C or better: HEIT 155A (if taken after 2011). This is the first of a two-course sequence for Health Information Technology students. It focuses on the International Classification of Diseases (ICD), the most commonly used classification system in the US for coding and reporting diagnostic inpatient and outpatient services and inpatient procedural services. Coding guidelines, conventions and reimbursement methodology are covered in this course. The student uses both the code books and computer software program.</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>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>215 ICD Coding II</p> <p style="text-align: right;">32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Health Information Technology 214 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Course not open to students with a C or better: HEIT 155B (if taken after 2011). This course is the second of a two-course sequence for Health Information Technology students. The emphasis is on advanced principles of International Classification of Diseases-Procedure Coding System (ICD-PCS), the most commonly used classification system in the US for coding and reporting inpatient procedural services. Coding guidelines, conventions and reimbursement methodology are also covered. Advanced principles include Diagnostic Related Group (DRG) case mix derivation, analysis of compliant coding, documentation improvement for correct code assignment, hospital acquired conditions, and present admission indicators that impact the code assignment and revenue cycle. The student uses both the code books and computer software program.</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>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>220 Principles of Leadership</p> <p align="right">32 - 36 hours lecture, 2 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Health Information Technology 260. This course introduces the basic concepts of leadership including team leadership, change management, training and developing employee. Other topics include using enterprise-wide information assets in support of organizational strategies and objectives, company culture and diversity in the workplace. This course is for Health Information Technology 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>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 2019</p>
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Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>258 Healthcare Quality Management</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is an introduction to quality and performance management and improvement, utilization review and risk management. The course includes the purpose, principles, historical development, assessment and analysis techniques, and application and program development strategies used in quality management and improvement, utilization review and risk management activities. It also includes the integration of performance improvement activities with the medical staff appointment and reappointment process. Regulatory and privacy requirements will also be addressed. The key concepts, background and statistical tools used in the continuous quality improvement process (CQI) are also provided. This course is for Health Information Technology 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>Outline of Topics</i> <i>Texts</i></p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>266 Directed Clinical Practice A</p> <p align="right">120 – 135 hours other, 2.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Health Information Technology 110 and Medical Assisting 110, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Health Information Technology 261 or Health Information Technology 263. This course provides the first of two professional practice experiences for students enrolled in the health information technician program and is designed to provide students with supervised onsite experience performing entry-level tasks in a health information department in an assigned affiliated healthcare organization. Students gain exposure to the organization and functions of a health information department. Experiences may include release of information, data collection and reporting, registries, and health record analysis and documentation requirements.</p> <p>FIELD TRIP REQUIREMENTS: Not 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>Methods of Evaluation</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Health Information Technology (HEIT) Discipline: Health Information Technology

<p>267 Directed Clinical Practice B</p> <p align="right">120 – 135 hours other, 2.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Health Information Technology 266 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Health Information Technology 262 or Health Information Technology 264. This course provides the second of two professional practice experiences for students enrolled in the health information technician program and is designed to provide students with supervised onsite experience performing entry-level tasks in a health information department in an assigned affiliated healthcare organization. Students gain exposure to abstracting and coding, quality improvement functions, registries, and special projects in management and supervision.</p> <p>FIELD TRIP REQUIREMENTS: Not 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>Methods of Evaluation</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Health Information Management (HIMS) Discipline: Health Information Technology

<p>455 Applied Research Project in Health Information Management 48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is the capstone for the health information management baccalaureate degree. This course integrates the theoretical and technical content of the health information management program courses. Ethical considerations for health information managers and information management support for biomedical research are also discussed. Concepts are integrated and applied through the analysis of case studies and the completion of a capstone project, designed by the student or instructor, supporting a local HIM community of interest. This course is designed for Health Information Management majors.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Baccalaureate Degree Credit.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</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 2019</p>
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Subject: Health Information Management (HIMS) Discipline: Health Information Technology

<p>460 Advanced Directed Clinical Placement 70 – 75 hours other, 1 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course provides supervised onsite professional practice experience (PPE) for Health Information Management students. This course integrates theory and professional practice in health information management. Emphasis is placed on applying management theories to actual work settings, practice of professional behavior, ethics, and self reflection including career goals. Project topics will support a local HIM community of interest and will be designed by the student, instructor, and the PPE site manager. Note: This course may require student travel. To meet course requirements the student may be required to be available during normal business hours (i.e. 8:00 am to 5:00 pm) for site visits, conduction of professional interviews, and data gathering. This course is designed for Health Information Management majors.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Baccalaureate Degree Credit.</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 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

Approved

Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Information, Network, And Web Technologies (INWT) Discipline: Computer Information Systems

<p>*~ 102 Information Technology (IT) Fundamentals 16 - 18 hours lecture, 24 - 27 hours lab, 1.5 units Grade Only</p> <p>This is a project-oriented course that covers all areas of IT foundations, creating a broader understanding of IT making it ideal for non-technical professionals interested in the IT field. Emphasis is placed on the essential IT skills and knowledge needed to perform tasks commonly performed by advanced end-users and entry-level IT professionals. Topics focus on the knowledge and skills required to identify and explain the basics of computing, IT infrastructure, software development, and database use. This course follows the official Computing Technology Industry Association (CompTIA) curriculum and is designed for students who plan to take the CompTIA IT Fundamentals+ exam.</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>Dist. Ed Proposed For College(s): City</p> <p>Effective: Fall 2019</p>
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Subject: Information, Network, And Web Technologies (INWT) Discipline: Computer Information Systems

<p>~ 170 Cybersecurity Analyst+ (CySA+) Certification Training 24 - 27 hours lecture, 72 - 81 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Skill Levels/Milestones R6 and W6; Information, Network, and Web Technologies 120 and Information, Network, and Web Technologies 140, each with a grade of "C" or better, or equivalent.</p> <p>This is a project-oriented course that focuses on security analytics and practical use of security tools in real-world scenarios. Emphasis is placed on four major domains: Threat Management, Vulnerability Management, Cyber Incident Response, and Security Architecture and Tool Sets. Topics range from reconnaissance to incident response and forensics, while focusing heavily on scenario-based learning from a "Blue Team" perspective. This course follows the official Computing Technology Industry Association (CompTIA) curriculum and is designed for students who plan to take the CompTIA CySA+ exam. CompTIA CySA+ certification meets the ISO 17024 standard and is approved by U.S. Department of Defense to fulfill Directive 8140/8570.01-M requirements.</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>Methods of Evaluation</i> <i>Title Change</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

Approved

Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Information, Network, And Web Technologies (INWT) Discipline: Computer Information Systems

<p>*~ 185 AWS Cloud Foundations (CF) 16 - 18 hours lecture, 24 - 27 hours lab, 1.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Information, Network, and Web Technologies 102 with a grade of "C" or better, or equivalent. This is a project-oriented course designed for students who seek an overall understanding of cloud computing concepts – specifically Amazon Web Services (AWS). Emphasis is placed on the skills necessary to effectively demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles. Topics include an overview of cloud concepts, AWS core services, security, architecture, pricing, and support. This course follows the official AWS Academy curriculum and is designed for students who plan to take the AWS Certified Cloud Practitioner exam.</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>Dist. Ed Proposed For College(s): City</p> <p>Effective: Fall 2019</p>
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Subject: Information, Network, And Web Technologies (INWT) Discipline: Computer Information Systems

<p>*~ 186 AWS Cloud Computing Architecture (CCA) 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Information, Network, and Web Technologies 185 with a grade of "C" or better, or equivalent. This is a project-oriented course designed to help students develop technical expertise in cloud computing – specifically Amazon Web Services (AWS). Emphasis is placed on the ability to effectively demonstrate knowledge of how to architect and deploy secure and robust applications on AWS technologies. Topics focus on the ability to define a solution using AWS architectural design principles and provide implementation guidance based on best practices throughout the lifecycle of the project. This course follows the official AWS Academy curriculum and is designed for students who plan to take the AWS Certified Solutions Architect - Associate exam.</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>Dist. Ed Proposed For College(s): City</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Journalism (JOUR)

<p>~ 201 Advanced Newswriting and Reporting</p> <p align="right">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> Journalism 200 with a grade of "C" or better, or equivalent. <i>Advisory:</i> English 101 or English 105, each with a grade of "C" or better, or equivalent or Skill Levels/Milestones R6 and W6. This course offers instruction in advanced journalistic practices. Emphasis is placed on feature, magazine and opinion writing, including investigative and multicultural reporting. Topics also include legal and ethical issues related to reporting. Principles learned can apply to print and online journalism. The course serves as preparation for the major for students preparing to transfer, and is also intended to serve as an elective for students interested in learning to write for newspapers and other publications, including the campus newspaper.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Deactivation *(Active at another College)*</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Journalism (JOUR) Discipline: Journalism

<p>~ 205 Editing for Print Journalism</p> <p align="right">32 - 36 hours lecture, 48 - 54 hours lab, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> Journalism 200, Journalism 210A, or Journalism 206, each with a grade of "C" or better, or equivalent. This course offers instruction in editing techniques for news publications. Course content covers publication planning, copy editing, headline writing, use of photos and graphics, layout and design, advertising sales and design, news judgment and editorial leadership. Principles learned apply to print and online journalism. The course serves as preparation in the journalism major for students preparing to transfer. It also serves as an elective for students interested in learning to write for newspapers and other publications, including the campus newspaper.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Deactivation *(Active at another College)*</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Journalism (JOUR) Discipline: Journalism or Mass Communication

<p>206 Online Journalism</p> <p align="center">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 or English 105, each with a grade of "C" or better, or equivalent or Skill Levels/Milestones R6 and W6. This course provides a basic examination of current online news trends and multimedia reporting techniques. The course covers skills necessary to produce basic multimedia reports, audio slide shows, and blogs. The course also provides instruction in ethical, legal and social issues affecting online journalists, as well as an exploration of online audiences. The course is intended for journalism majors or those seeking career development.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review Advisory (Change) Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Journalism (JOUR) Discipline: Journalism

<p>*~ 215A Magazine Writing and Production I</p> <p align="center">16 - 18 hours lecture, 96 - 108 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 Levels R6 and W6. This course is designed to provide experience in writing, production, and publication of a student news magazine. Emphasis is placed on researching and writing in-depth magazine articles, taking feature photographs, and packaging all elements into one publication. Topics include the basic principles of magazine writing, editing, photography, design, and layout. This course is designed for students majoring in journalism and all students interested in magazine writing and production.</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)</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Library Science (LIBS) Discipline: Library Science

<p>101 Information Literacy and Research Skills</p> <p align="right">16 - 18 hours lecture, 1 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Skill Levels/Milestones R5 and W5. This course is an overview of information resources and the skills required to use them effectively. Students learn how to use library resources such as electronic indexes and databases, online services, and the Internet, as well as to develop strategies for conducting research. This course is intended for students who wish to acquire research skills for academic, career, or personal use.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Advisory (Change)</i> <i>Field Trip</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Marketing (MARK) Discipline: Business or Marketing

<p>130 Advertising Principles</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, each with a grade of "C" or better, or equivalent or Skill Levels/Milestones R5 and W5. This course is a study of the principles and practices of advertising. Emphasis is placed on target marketing, consumer behavior, and Integrated Marketing Communications (IMC). This course is designed for students majoring in business or marketing and anyone interested in employment or a career in the field of advertising.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Distance Learning - No Other Action</p> <p>Reviewed</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Mathematics (MATH) Discipline: Mathematics

<p>~ 59 Explorations in Foundations of Math 64 - 72 hours lecture, 48 - 54 hours lab, 5 units Letter Grade or Pass/No Pass Option</p> <p><i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Math 48A.</p> <p>This is the first course in a two-course integrated sequence promoting analytical and critical thinking skills to prepare students for transfer-level mathematics courses. Students are challenged to analyze and dissect problems in various mathematical fields through contextualize applications of the topics, with the purpose of focusing on developing students' analytical and logical reasoning skills. Topics include numeracy; operations with numbers; functions; solving linear equations; graphically organizing data; constructing single and bi-variate graphs; reading, analyzing and interpreting graphs; applying mathematics in business accounting; and practical geometry. This course is intended for students planning to major in any of the following fields of study: Fine Arts, Visual and Performing Arts, Humanities, Behavioral Sciences, Social Sciences, Business, Economics, or Life Sciences. This course is not intended for students planning to major in Science, Technology, Engineering, and Mathematics (STEM) fields of study.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i> <i>Basic Skills Status</i> <i>Course Description</i> <i>Course Renumbering (was 48A)</i> <i>Credit Status/Degree Applicability</i> <i>General Education</i> <i>Limitation on Enrollment (New)</i> <i>Outline of Topics</i> <i>Prerequisite (Remove)</i> <i>Prior to College Level</i> <i>Stand Alone Status</i> <i>Student Learning Objectives</i> <i>Title Change (Long only)</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p><i>This course is being proposed at City for:</i></p> <ul style="list-style-type: none"> • District General Education: A2 Language and Rationality - Communication & Analytical Thinking <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Mathematics (MATH) Discipline: Mathematics

<p>109 Explorations in Mathematical Analysis 64 - 72 hours lecture, 48 - 54 hours lab, 5 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> Mathematics 59 with a grade of "C" or better, or equivalent. This is the second of a two-course integrated sequence in algebra, geometry, critical thinking, and practical applications of mathematics. This course focuses on the ability to use mathematical concepts to develop quantitative analysis, logic and computation skills. Students analyze, construct, and dissect algebraic topics from the perspective of implementing the concepts in various real life situations and develop a strong mathematical foundation applicable to problem solving in other academic disciplines. Topics include rules of logic, in particular focusing on implications; mathematical reading; algebra of functions; graphing and analysis of functions; reading, interpreting and analyzing graphs; linear, quadratic, exponential and logarithmic modeling; solving polynomial, rational, exponential and logarithmic equations; applications of mathematics in finance and economics. This course is intended for students planning to major in any of the following fields of study: Fine Arts, Visual and Performing Arts, Humanities, Behavioral Sciences, Social Sciences, Business, Economics, or Life Sciences. This course is not intended for students planning to major in Science, Technology, Engineering, and Mathematics (STEM) fields of study.</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: 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>Outline of Topics</i> <i>Prerequisite (Change)</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Mathematics (MATH) Discipline: Mathematics

<p>~ 150L Calculus I Laboratory 48 - 54 hours lab, 1 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> Mathematics 141 with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Mathematics 150. This course is a workshop, project-oriented course dealing with exploration and development of the calculus topics introduced in Calculus and Analytic Geometry I. This course directly supports the calculus lectures by having hands-on, collaborative assignments where technology is strongly incorporated throughout all the in-class assignments. Students work individually and in small groups on explorations and applications thus extending the material presented in Mathematics 150. Topics including geometric, analytic and numeric applications of limits, derivatives and integrals as well as calculus applications found in the physical and life sciences. This course is intended for all students currently enrolled in Mathematics 150.</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>Methods of Instruction</i> <i>Reading Assignments</i> <i>Texts</i> <i>TOP Code Change</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: MESA</p> <p><i>This course is being proposed at Mesa for UC Transfer Course List</i></p> <p>Effective: Spring 2020</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

Approved

Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>64 Medical Ethics and Legal Issues for the Allied Health Professional 16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Medical Assisting 101. This course presents future Allied Health professionals with an overview of ethical and legal practices related to the medical field. Guidelines pertaining to the laws, policies and regulations associated with medical issues and clinical practice within the various Allied Health professions, as well as those established by their associated accrediting/licensing agencies, are described and discussed. The impact of the cultural, social, ethical differences and the expectations from the patient's perspective are analyzed and assessed.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>68 Human Behavior for Allied Health Students 48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Medical Assisting 102. This course introduces students in the allied health professions to the basic principles of psychology as they relate to human behavior and personality development from birth to old age. Emphasis is placed on cultural, social, hereditary and environmental influences on human behavior and personality development, including behavior associated with death, dying and grieving. Topics include an exploration of varied cultural beliefs, values and practices regarding health and illness, concepts of mental wellness and mental disorders, and methods of treatment and therapy used in the rehabilitation and recovery of patients with mental illnesses.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>76 Principles of Infection Control and Sterile Technique 16 - 18 hours lecture, 24 - 27 hours lab, 1.5 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Medical Assisting 106. This course provides an overview and application of current Occupational Safety and Health Administration (OSHA) policies and regulations and Standard Precautions related to infection control in the clinical setting. This course is designed to meet OSHA and blood-borne pathogen control for medical assisting and other allied health students who have potential exposure to infectious material such as blood, urine and other body fluids. The evolution of asepsis and infection control is presented as a basis for understanding the need for protection in health care and service environments. The application and use of personal protective equipment (PPE), medical and surgical aseptic handwashing techniques, disposal of biohazard material and other related topics is explored and practiced. This course also covers the differences between disinfection and sterilization. Students sterilize instruments, materials and equipment using a variety of methods and set-ups to maintain and work in a sterile field.</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 Revision (May Include Activation) Six Year Review Advisory (Remove) Texts</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>78 Principles of Patient Care 16 - 18 hours lecture, 48 - 54 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in:</i> Medical Assisting 55 and Medical Assisting 110, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Medical Assisting 112. This course provides Medical Assisting students with the fundamentals of patient care in the clinical setting. Students practice the communication skills needed to obtain patient information, as well as instruct and educate patients. Students apply the principles of medical documentation to record information obtained from patient interviews, measuring vital signs, procedures performed or other pertinent patient information as an entry in the patient's medical record. Correct body mechanics needed to assist, move and position patients are presented and students practice positioning patients, preparing trays, measuring a patient's vital signs and assisting with general and specialized clinical procedures performed in the medical setting and within the "Scope of Practice" for the Medical Assistant.</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 Revision (May Include Activation) Six Year Review Advisory (Remove) Corequisite (Change) Methods of Instruction Texts</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>82 Diagnostic Testing</p> <p align="right">48 - 54 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Biology 160 with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Completion of or concurrent enrollment in Medical Assisting 55, Medical Assisting 110, and Medical Assisting 76, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Medical Assisting 113. This course presents the principles of diagnostic testing to students in the medical assisting program. Students are introduced to the various types of medical laboratories and methods of quality control for specimen collection, transport, and testing while they learn to screen patients for various diagnostic tests and to follow-up test results. Emphasis is placed on the application of laboratory safety practices in accordance with Standard Precautions and Occupational Safety & Health Administration (OSHA) regulations. Students use common laboratory equipment to perform Clinical Lab Improvement Act (CLIA) approved tests for medical assistants, including hematology, chemistry, immunology and microbiology tests, urinalysis, and respiratory function testing and result analysis. Topics also include the principles of radiological tests, such as X-rays, computerized axial tomography (CT) scanning and magnetic resonance imaging (MRI).</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Corequisite (Change)</i> <i>Methods of Instruction</i> <i>Prerequisite (New)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2019</p>
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Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>~ 84 Phlebotomy for Medical Assisting</p> <p align="right">24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Medical Assisting 76 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Medical Assisting 150. This course prepares students to perform venipunctures and basic blood tests required for entry-level medical assisting positions in clinics and other health care settings. This course is designed for students completing the Medical Assisting Program.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>TOP Code</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

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Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>86 Administrative Medical Assisting II 24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Medical Assisting 110 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Medical Assisting 205 or Medical Assisting 240 and Medical Assisting 245. This course introduces and instructs Allied Health students in the use of accounting systems for medical and dental offices (including the pegboard and computerized accounting systems) and health insurance procedures. Emphasis is placed on medical accounting terminology, ledgers, methods used in payroll accounting, preparation of account charts and correct completion of benefit and claim forms. This course also prepares students to work with insurance forms in medical offices, hospitals and other clinical settings and in the proper use of procedural and diagnostic coding utilizing the most current editions of Physicians Current Procedural Terminology and International Classification of Diseases.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>94 Medication Administration 24 - 27 hours lab, 0.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Medical Assisting 110 and Medical Assisting 76, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Medical Assisting 250. In this course the Medical Assisting student practices the hands-on-application of medication administration. The course presents the principles and the guidelines for reading and interpreting a medical prescription. The course content also stresses the mechanisms for calculating, measuring and administering drugs; both orally and parenterally using placebos to carry out the medical prescription. Principles of intravenous (I.V.) therapy are discussed. Students maintain medication and immunization records in accordance with the appropriate application of documentation and record preparation principles. Also covered in this course are the complications of medication administration and the immediate measures that need to be applied in each situation. Students should be aware that they perform and practice invasive procedures on each other as one of the course requirements.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>110 Medical Terminology</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>This course covers basic medical terminology and the vocabulary of medical specialties. Special emphasis is on the use of prefixes and suffixes, and non-technical explanations of medical terms and descriptions of anatomy, physiology, and pathology. Students learn to utilize medical terminology as it applies to the structure of the human body, common laboratory tests, radiological and operative procedures, as well as basic pharmacology. This course is open to the general public as well as students in special programs or those who wish to review this information.</p> <p>FIELD TRIP REQUIREMENTS: Not 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 (Remove)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>115 Pathophysiology</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Medical Assisting 55, Medical Assisting 110, or Biology 160, each with a grade of "C" or better, or equivalent.</p> <p>The course focuses on disease processes in the human body from a systems approach. Analysis of the most common and significant diseases is included. The signs and symptoms, etiology, diagnosis, and treatment of disease are examined along with the appropriate medical terminology. This course is designed for students in allied health programs, but is also open to those who wish to broaden their medical background or review this information.</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></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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Approved

Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Manufacturing Engineering Technology (MFET)

<p>*~ 101A Introduction to Manufacturing I</p> <p style="text-align: right;">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Manufacturing Engineering Technology 101 or Engineering Technology 120. This project-based module is designed for high school and entry college students who might be interested in the field of Manufacturing Engineering Technology (MFET). The module discusses common manufacturing terminologies, current business trends, and design process involved with product and process development. It also provides an overview of the MFET program, 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.</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 2019</p>
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Subject: Manufacturing Engineering Technology (MFET)

<p>*~ 101B Introduction to Manufacturing II</p> <p style="text-align: right;">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Manufacturing Engineering Technology 101A or Engineering Technology 120, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Manufacturing Engineering Technology 101. This project-based module is designed for high school and entry college students who might be interested in the field of Manufacturing Engineering Technology. The module introduces manufacturing principles in a product realization process, automation, quality control and management, and lean manufacturing.</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 Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Manufacturing Engineering Technology (MFET)

<p>*~ 101C Introduction to Manufacturing III</p> <p style="text-align: right;">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Manufacturing Engineering Technology 101B 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 Manufacturing Engineering Technology 101. This project-based module is designed for high school and entry college students who might be interested in the field of Manufacturing Engineering Technology. The module introduces environmental and safety rules, regulations and practices in manufacturing enterprises. In this module, students also apply previous knowledge and training in manufacturing engineering technology to work in teams, build robots that are capable of performing various challenging tasks and compete at the end of the module.</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 Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Manufacturing Engineering Technology (MFET)

<p>*~ 105A Print Reading I</p> <p style="text-align: right;">24 - 27 hours lecture, 1.5 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Manufacturing Engineering Technology 105, Engineering Technology 124, or Engineering Technology 130. This project-based module teaches student basic sketching techniques, print layout, views, fundamentals of working and pictorial drawings. Students also learn drawing and annotation standards for different mechanical parts, the principles of dimensioning and tolerancing and their applications and practices in industrial prints. The module is designed for students who are interested in studying manufacturing.</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 Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Curriculum Instructional Council Actions Approved – December 13, 2018

Subject: Manufacturing Engineering Technology (MFET)

<p>*~ 105B Print Reading II 24 - 27 hours lecture, 1.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Manufacturing Engineering Technology 105A, Engineering Technology 124, or Engineering Technology 130, each with a grade of "C" or better, or equivalent <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Manufacturing Engineering Technology 105. This project-based module teaches student different types of scales, precision measurement instruments, methods for geometric tolerancing. Students also learn to interpret symbols and notes on electrical and electronic diagrams, precision sheet metal drawings and welding specifications. Module includes a final project in which students work in teams to generate a print for a part using different drafting symbols, notes, specifications and standards learned throughout the print reading modules. This module is designed for students who are interested in studying manufacturing.</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 Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Manufacturing Engineering Technology (MFET)

<p>*~ 150A Manufacturing Automation I 16 - 18 hours lecture, 24 - 27 hours lab, 1.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Manufacturing Engineering Technology 101, Manufacturing Engineering Technology 101C, or Manufacturing Engineering Technology 120, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Manufacturing Engineering Technology 150 or Engineering Technology 126. This project-based module introduces students to the principles of manufacturing automation, computer-integrated manufacturing (CIM) which includes process and machine control, programmable logic controllers and robotics. Students also learn different applications of automation to improve quality and productivity in manufacturing industries. This module is designed for students who are interested in modern manufacturing.</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 Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Manufacturing Engineering Technology (MFET)

<p>*~ 150B Manufacturing Automation II 16 - 18 hours lecture, 24 - 27 hours lab, 1.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Manufacturing Engineering Technology 150A or Engineering Technology 126, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Manufacturing Engineering Technology 150. This project-based module covers additional automation topics and applications in manufacturing industry, including sensors and actuators, part handling and assembly. Students also learn the concepts of group technology, flexible manufacturing systems and their applications. This module is designed for students who like to gain further knowledge and experience in modern manufacturing practices.</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 Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Multimedia (MULT) Discipline: Multimedia

<p>101 Introduction to Visual Communication 48 - 54 hours lecture, 48 - 54 hours lab, 4 units Letter Grade or Pass/No Pass Option</p> <p>This course provides an overview of the design principles and digital tools required to develop a professional level of communication, conceptualization, composition, and visual design skills. Emphasis is placed on modern design theory, standards, & processes, industry standard software, and career opportunities in digital design and multimedia. This course is intended for students interested in game development, graphic design, web design, 3D & 2D animation, video production, and app development.</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>Methods of Instruction</i> <i>Outline of Topics</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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**Curriculum Instructional Council
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Subject: Multimedia (MULT) Discipline: Multimedia

<p>~ 121 Beginning Visual Communication</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> Multimedia 101 with a grade of "C" or better, or equivalent. This course is designed to develop preliminary skills in the conceptual use of industry standard digital design software. Students produce digitally imaged media elements for a diverse range of applications and present a portfolio of their work. This course is intended for multimedia and art majors and anyone interested in digital image design and editing.</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>Course Description</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Supplies</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 2019</p>
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Subject: Multimedia (MULT) Discipline: Multimedia

<p>~ 122 Intermediate Visual Communication</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Multimedia 121 with a grade of "C" or better, or equivalent. This is a project-based course designed to further develop skills in the use of bitmap and vector media design software applications. Emphasis is placed on producing conceptual media elements for a diverse range of applications. This course is intended for multimedia, art, and graphic design students who plan to pursue a career in the multimedia industry.</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>Course Description</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Student Learning Objectives</i> <i>Supplies</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 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Multimedia (MULT) Discipline: Multimedia

<p>~ 124 Advanced Visual Communication</p> <p align="right">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> Multimedia 121 and Multimedia 122, each with a grade of "C" or better, or equivalent. This advanced course is designed to develop and refine technical and conceptual skills in the professional applications of digital design theory and practice. Emphasis is placed on advanced digital methodologies and visual grammar in the design and production of both traditional and non-traditional works. Students complete a portfolio of digital work for professional presentation. This course is intended for multimedia and art majors and anyone interested in digital image design and editing.</p> <p>FIELD TRIP REQUIREMENTS: Not 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 Advisory (New) Course Description Methods of Instruction Outline of Topics Stand Alone Status Student Learning Objectives Texts Title Change</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Multimedia (MULT) Discipline: Office Technologies

<p>*~ 125A Beginning InDesign</p> <p align="right">40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Skill Levels/Milestones R5 and W5; Multimedia 121 and Multimedia 122, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Computer Business Technology 175. This course is an introduction to publishing for output to digital or print media. Emphasis is placed on the fundamentals of graphic design and printing conventions currently used in digital publishing and print. Students edit texts and graphics to design page layouts to create proposals, newsletters, flyers, brochures, and posters. Students are introduced to e-publishing and self-publishing principles and formats. This course is designed for anyone interested in advanced digital publishing, include those interested in self-publishing.</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)</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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**Curriculum Instructional Council
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Subject: Multimedia (MULT) Discipline: Office Technologies

<p>*~ 125B Advanced InDesign 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Multimedia 125A with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Computer Business Technology 176. This course provides students with advanced skills that are necessary to create documents that are pre-press ready and published to the web. Students create sophisticated documents by combining text, images, charts, and tables and by applying typography and design principles to their layouts. Advanced topics include managing long documents, advanced typesetting functions, managing output to print, creating HyperText Markup Language (HTML) documents, and interactive presentations. Students prepare and format documents in e-publishing formats, and upload documents to an online store or website. This course is designed for anyone interested in advanced digital publishing, include those interested in self-publishing.</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 2019</p>
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Subject: Music Commercial (MUSC) Discipline: Commercial Music

<p>50 Music Fundamentals for the Studio Engineer 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>This course is a practical study of the musical fundamentals required to work in a professional recording studio or commercial music environment. Emphasis is placed on basic keyboarding skills and rudimentary Musical Instrument Digital Interface (MIDI) sequencing. Topics include meter, pitch, chords, and scales. This course is intended for students majoring in digital music technology.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Music Commercial (MUSC) Discipline: Commercial Music

<p>70 Commercial Music Performance</p> <p align="right">48 - 54 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Music Commercial 50 with a grade of "C" or better, or equivalent. This course is a study in live performance techniques as applied to commercial and popular music. Emphasis is placed on the application of basic music theory to live performance and improvisation, performing in and arranging/composing for small groups such as bands, and dealing with live performance situations in a variety of contexts and venues. Topics include live sound reinforcement, mobile recording, use of new technologies, such as incorporating backing tracks, laptops, iPhones and other new media into live performance contexts. This course is intended for students majoring in Digital Music Technology or for anyone interested in developing techniques for commercial music performance.</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 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 2019</p>
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Subject: Music Commercial (MUSC) Discipline: Commercial Music

<p>80 Introduction to Digital Audio and MIDI</p> <p align="right">40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>This course provides students with the fundamental skills required to operate a digital audio workstation (DAW) for recording, editing and mixing of audio and Musical Instrument Digital Interface (MIDI) data. Topics include digital audio, MIDI, signal flow in the professional studio, elastic audio and quantization, automation, signal processing, basic mixing and editing techniques, and audio file formats for delivery. This course is designed for students majoring in digital music technology and anyone interested in entry-level employment in the music industry. Students may take industry-based certification exams at the conclusion of the semester. This course is an industry-partner training course.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Music Commercial (MUSC) Discipline: Commercial Music

<p>82 Audio Recording</p> <p align="right">40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Music Commercial 80 with a grade of "C" or better, or equivalent. This course provides students with the fundamental skills required to work within a commercial studio environment as a studio engineer. Emphasis is placed on commercial music genres, such as rock, metal, pop, and hip hop. Topics include session set-up and acoustical treatments, types and applications of microphones specific to commercial music genres, common microphone techniques related to commercial music production, the mixing console, mixing and editing, signal processing standards in commercial music production, session management and protocol in the professional studio environment, and common real-life situations encountered with recording clientele. This course is designed for students majoring in digital music technology and anyone interested in entry-level employment in the music industry.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Prerequisite (Remove)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Music Commercial (MUSC) Discipline: Commercial Music

<p>84 Fundamentals of MIDI Production</p> <p align="right">40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Music Commercial 50 and Music Commercial 80, each with a grade of "C" or better, or equivalent. This course is a study of the fundamentals of electronic music production as applied to Musical Instrument Digital Interface (MIDI) sequencing. Topics include basic principals of MIDI in music production, the history of MIDI, MIDI hardware and software applications, signal flow, sequencing, keyboard/controller mapping, and synthesizer programming. Students design and create special projects using the equipment and proper protocol. This course is designed for students majoring in digital music technology.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Prerequisite (Remove)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Music Commercial (MUSC) Discipline: Commercial Music

<p>95 Advanced Topics in Music Production 40 - 45 hours lecture, 24 - 27 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Music Commercial 82 and Music Commercial 84, each with a grade of "C" or better, or equivalent. This course provides students with the ability to create a portfolio of original music and an electronic press kit to be used as a self-promotional tool. Topics include song forms, advanced topics in music production specific to stylistic genres, mastering techniques specific to stylistic genres, music's application in multimedia formats, and self-promotional tools. This course is designed for students majoring in digital music technology, and for students who are interested in pursuing careers in music production, composition, and/or arranging.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Prerequisite (Remove)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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Subject: Music Commercial (MUSC) Discipline: Commercial Music

<p>~ 152 Sound Design and Digital Audio Post Production 32 - 36 hours lecture, 48 - 54 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Music Commercial 80 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 Radio and Television 152 or Digital Media Production 152. This is an advanced course in audio post-production and synchronization with visual image for video, multimedia, and film. Students use a Digital Audio Workstation (DAW) to produce original audio tracks. This course is intended for students majoring in Commercial Music.</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>Advisory (Change)</i> <i>Course Description</i> <i>Discipline Change</i> <i>Equivalency (New)</i> <i>Family (Add)</i> <i>Field Trip</i> <i>Limitation on Enrollment (New)</i> <i>Methods of Evaluation</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Student Learning Objectives</i> <i>Subject Indicator Change (was DMPR)</i> <i>Texts</i> <i>TOP Code</i></p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Music (MUSI) Discipline: Music

<p>~ 125 Music, the Arts, and Society</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 Skill Levels/Milestones R6 and W6. This course examines selected musical traditions of the world through critical listening to music, cultural awareness, and political and ethical issues as related to culture and music. Basic musical concepts are introduced to assist students in describing and communicating the experience of listening to music. Students explore how music is an activity with social, political, and artistic functions. These analytical tools help students define their own identity through musical and cultural practices. In addition, this course examines how music is used, how meaning is created, and how music helps to define community. This course is intended for all students interested in music and culture.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. IGETC. UC Transfer Course List. CSU General Education.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Student Learning Objectives</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 2019</p>
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Subject: Music (MUSI) Discipline: Music

<p>~ 206A Projects in Composition I</p> <p align="right">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Skill Levels/Milestones R5 and W5; Music 150A with a grade of "C" or better, or equivalent . <i>Advisory:</i> Completion of or concurrent enrollment in Music 190 with a grade of "C" or better, or equivalent. This course is designed for all composers, beat-makers, and music majors who want to learn composition or who are actively composing music. In this course students receive instruction in composition, music technology, and performance. Students create a portfolio of music in any style or genre. The method of composition can be either score-based in musical notation or through electronic music production. Students create new music, present their work to colleagues, reflect and respond to one another, discuss musical processes, craft, techniques, and approaches. The focus is on developing a daily compositional practice, discovering your own musical voice, and creating a lifelong musical compositional practice.</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>Title Change</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Music (MUSI) Discipline: Music

<p>~ 206B Projects in Composition II</p> <p align="right">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Skill Levels/Milestones R5 and W5; Music 150A with a grade of "C" or better, or equivalent. <i>Advisory: Completion of or concurrent enrollment in:</i> Music 190 with a grade of "C" or better, or equivalent. This course is designed for all composers, beat-makers, and music majors who want to expand their compositional skills or who are actively composing music. In this course students receive continued instruction in composition, music technology, and performance. Students create, expand and refine their portfolio of music in any style or genre. The method of composition can be either with score-based in musical notation or through electronic music production. Students create new music, present their work to colleagues, reflect and respond to one another, discuss musical processes, craft, techniques, and approaches. The focus is on developing a daily compositional practice, discovering your own musical voice, and creating a lifelong musical compositional practice.</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>Title Change</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Music (MUSI) Discipline: Music

<p>258B Music Theory IV</p> <p align="right">64 - 72 hours lecture, 4 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Prerequisite:</i> Music 258A with a grade of "C" or better, or equivalent. <i>Advisory: Concurrent enrollment in</i> Music 269B. This course is the fourth of a four semester sequence. It includes a detailed structural analysis and study of compositional techniques in the music of the 19th, 20th and 21st centuries. The emphasis is on the study and composition of music using the new compositional techniques that emerged in the music of the late 19th and early 20th centuries including non-functional harmony, polytonality, atonality, serial techniques and jazz. The course includes analysis of music by Wagner, Debussy, Bartok, Stravinsky and Schoenberg. This course is designed for the student pursuing music as a major or for the student interested in enhancing technical knowledge of music.</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: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Phlebotomy (PHLB) Discipline: Health Care Ancillaries

<p>50 Phlebotomy</p> <p align="right">32 - 36 hours lecture, 96 - 108 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Medical Assisting 80 and Medical Assisting 85. This course provides basic and advanced training in capillary puncture and venipuncture through didactic and clinical instruction as required by the State of California, Department of Health Services-Laboratory Field Services. The basic lecture portion of this course includes anatomy and physiology of the body systems with emphasis on the circulatory system, medical terminology and infection control. The advanced lecture portion of this course includes advanced infection control and biohazards, risk factors and appropriate responses to complications, anatomical site selection, quality assurance, pre-analytical source of error and ethical and legal issues related to phlebotomy. The clinical component of this course provides students with hands-on training in capillary puncture and venipuncture. Students apply knowledge of theory to the clinical setting. This course is intended for students in the Phlebotomy Training Program.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Not applicable to the Associate Degree.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Remove)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Political Science (POLI) Discipline: Political Science

<p>101 Introduction to Political Science</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 Skill Levels/Milestones R6 and W6. This course is an introduction to the field of political science. Emphasis is placed on the concepts and methodologies used in the study of political institutions, political participation, public opinion, and the international political system. Other topics include a survey of political theory and the history of American political ideology and culture. This course is intended for students majoring in Political Science and those interested in the field of political science.</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: City, Mesa, Miramar</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>Outside Assignments</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Political Science (POLI) Discipline: Political Science

<p>102 The American Political System</p> <p style="text-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 Skill Levels/Milestones R6 and W6. This comprehensive survey course provides an in-depth study of the American political system. National and California systems of government are studied from the perspective of constitutional frameworks and political institutions, processes, issues, and policies. Other topics include political participation; political parties and interest groups; social movements and minorities; civil liberties; and the role of political ideology, culture, and the mass media in shaping public opinion and policymaking. This course is intended for transfer students, political science majors, or students interested in the American political system.</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: City, Mesa, Miramar</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, Mesa, Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Political Science (POLI) Discipline: Political Science

<p>*~ 123 Gender and Politics</p> <p style="text-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 Skill Levels/Milestones R6 and W6. This course explores central issues in the study of gender and politics. Topics include the impact of gender on political representation, participation, law and the state, political violence, and the global economy. It draws on contemporary examples from the United States and around the world. This course is intended for women's studies majors, political science majors, transfer students, and students interested in these topics.</p> <p>FIELD TRIP REQUIREMENTS: Not 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>Dist. Ed Proposed For College(s): Mesa</p> <p><i>This course is being proposed at Mesa for:</i></p> <ul style="list-style-type: none"> • CSU General Education: D8 Area D. Social Sciences - Political Science, Government, and Legal Institutions D7 Area D. Social Sciences - Interdisciplinary Social or Behavioral Science D4 Area D. Social Sciences - Gender Studies • District General Education: D Social and Behavioral Sciences • IGETC: Area 4. Social and Behavioral Sciences - 4D: Gender Studies Area 4. Social and Behavioral Sciences - 4H: Political Science, Government & Legal Institutions Area 4. Social and Behavioral Sciences - 4G: Interdisciplinary, Social & Behavioral Sciences <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><i>This course is being proposed at Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2020</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Political Science (POLI) Discipline: Political Science

<p>*~ 124 An Introduction to Political Theory: Power and Justice 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 Skill Levels/Milestones R6 and W6. This course is an exploration of the relationship between power and justice in modern society. Topics include various accounts of the meaning of power and justice, how political institutions harness power, and the ways in which political power can both impede and advance justice. Materials include classic and contemporary texts, films, and literature. This course is intended for political science majors, transfer students, and students interested in these topics.</p> <p>FIELD TRIP REQUIREMENTS: Not 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>Dist. Ed Proposed For College(s): Mesa</p> <p><i>This course is being proposed at Mesa for:</i></p> <ul style="list-style-type: none"> • CSU General Education: D8 Area D. Social Sciences - Political Science, Government, and Legal Institutions D7 Area D. Social Sciences - Interdisciplinary Social or Behavioral Science • District General Education: D Social and Behavioral Sciences • IGETC: Area 4. Social and Behavioral Sciences - 4G: Interdisciplinary, Social & Behavioral Sciences Area 4. Social and Behavioral Sciences - 4H: Political Science, Government & Legal Institutions <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><i>This course is being proposed at Mesa for UC Transfer Course List</i></p> <p>Effective: Fall 2020</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCCO submission

Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

60 Venipuncture for Radiology <p style="text-align: right;">24 - 27 hours lab, 0.5 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Biology 160 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course provides students with supervised training in venipuncture and meets the California Health and Safety Code requirements for venipuncture certificate. This course is for Radiologic Technology students and community Radiologic Technologists.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Corequisite (Remove)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

86 Fluoroscopy and Radiation Safety <p style="text-align: right;">40 - 45 hours lecture, 2.5 units Grade Only</p> <p>REQUISITES: <i>Corequisite:</i> Completion of or concurrent enrollment in Radiologic Technology 240 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 85. This is an advanced course in fluoroscopy and radiation protection for students enrolled in the Radiologic Technology program. Topics include fluoroscopy regulations and radiation safety, fluoroscopic equipment, image intensifiers, closed-circuit equipment, image recording and image recording equipment, special fluoroscopic equipment, mobile image intensified units, anatomy and physiology of the eye and three-dimensional and radiologic anatomy.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Corequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>86L Fluoroscopy and Radiation Safety Laboratory</p> <p align="right">24 - 27 hours lab, 0.5 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 86 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 85L.</i> This course is for students enrolled in the Radiologic Technology program. Laboratory activities include, but not be limited to, 1) methods and safe practices to reduce radiation doses to patients and personnel in general and fluoroscopic procedures, 2) general and fluoroscopic image quality and recording, and 3) quality control procedures.</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 Revision (May Include Activation) <i>Six Year Review</i> <i>Corequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>101 Basic Radiologic Technology</p> <p align="right">32 - 36 hours lecture, 2 units Grade Only</p> <p>REQUISITES: <i>Advisory: English 101 with a grade of "C" or better, or equivalent or Skill Levels/Milestones R6 and W6.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 105.</i> This is an introductory course for students in the Radiologic Technology program. Topics include the role and function of the radiographer, professional organizations, medicolegal principles, state and federal regulations, radiographic terminology, basic radiation production and radiation safety.</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 (New)</i> <i>Corequisite (Remove)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>110 Recording Media</p> <p align="right">32 - 36 hours lecture, 2 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 121 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program.</i> Topics in this course include various image receptors and mechanisms utilized to acquire, display, archive and retrieve digital images in computed radiography (CR) and digital radiography (DR) formats of diagnostic radiology. Principles of digital system quality assurance and maintenance are presented. This course is for students enrolled in the Radiologic Technology program.</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>Corequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>121 Radiographic Exposure</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 110 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 120A or Radiologic Technology 121A.</i> This is a course for students in the Radiologic Technology program. Topics include the selection of proper exposure factors and accessories to obtain optimal image quality while reducing patient dose.</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>Corequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>121C Radiographic Exposure Laboratory</p> <p align="right">48 - 54 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 121 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 120B, Radiologic Technology 121L, or Radiologic Technology 121B.</i> This is a laboratory course for students in the Radiologic Technology program. Topics include radiation safety, selection of exposure factors, image processing and evaluation of image quality.</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>Corequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>131 Patient Care</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 190 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 130.</i> This is an introductory level course for students enrolled in the Radiologic Technology program. Topics include integrated patient care within the radiology department, physical and psychological needs of the patient, patient privacy laws, patient safety and assessment, routine and emergency patient care procedures, body mechanics with patient transfer, infection control, venipuncture assisting, use of contrast media, common drug nomenclature and basic concepts of pharmacology.</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>Corequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>190 Radiographic Positioning I</p> <p align="right">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 131 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 199.</i> This is an introductory level lecture course for students enrolled in the Radiologic Technology program. Topics include radiographic positioning and image critique of the chest, abdomen, pelvis and extremities.</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>Corequisite (Change)</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>190L Radiographic Positioning-I Laboratory</p> <p align="right">48 - 54 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 190 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 199.</i> This is an introductory laboratory for students in the Radiologic Technology program. Topics include radiographic positioning and image critique of the chest, abdomen, pelvis and extremities.</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>Corequisite (Change)</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>192 Image Analysis for Radiologic Technology</p> <p align="right">32 - 36 hours lecture, 2 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 256C and Radiologic Technology 110, each with a grade of "C" or better, or equivalent. Limitation on Enrollment: Special Admission - must be admitted to program. This course is designed for students enrolled in the Radiologic Technology program. Topics include image analysis criteria for: chest and abdomen; upper extremity; shoulder; lower extremity; pelvis, hip and sacroiliac joints; cervical and thoracic vertebrae; sternum and ribs; lumbar, sacral and coccyx vertebrae; some cranium, facial bones and paranasal sinuses; and digestive system.</i></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) Six Year Review Corequisite (Change) Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>201 Radiographic Positioning II</p> <p align="right">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Prerequisite: Radiologic Technology 190 with a grade of "C" or better, or equivalent. Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 200. This is an intermediate course for students in the Radiologic Technology program. Course topics include radiographic positioning and image critique of the vertebral column, as well as shoulder girdle, bony thorax and some advanced and/or uncommon orthopedic views of extremities and pelvis.</i></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) Six Year Review Corequisite (Remove) Prerequisite (New) Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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**Curriculum Instructional Council
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>201L Radiographic Positioning II Laboratory</p> <p align="right">48 - 54 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 201 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 200.</i> This is an intermediate laboratory course for students in the Radiologic Technology program. Course topics include radiographic positioning and image critique of the vertebral column, as well as shoulder girdle, bony thorax and some advanced and/or uncommon orthopedic views of extremities and pelvis.</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>Corequisite (Change)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>210 Radiographic Positioning III</p> <p align="right">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Prerequisite: Radiologic Technology 201 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 211.</i> This is an advanced course for students in the Radiologic Technology program. Course topics include radiographic positioning and image critique of cranial structures and contrast media examinations of the gastrointestinal, urinary, musculoskeletal, reproductive, vascular and central nervous systems. Mobile and trauma procedures are also discussed.</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>Corequisite (Remove)</i> <i>Prerequisite (New)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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**Curriculum Instructional Council
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>210L Radiographic Positioning III Lab</p> <p align="right">48 - 54 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 210 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 211.</i> This is an advanced course for students in the Radiologic Technology program. Course topics include laboratory radiographic simulation and image critique of cranial structures and contrast media examinations of the gastrointestinal, urinary, musculoskeletal, reproductive, vascular and central nervous systems. Mobile and trauma procedures are also discussed.</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>Corequisite (Change)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>221 Advanced Imaging Techniques</p> <p align="right">32 - 36 hours lecture, 2 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 121 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 220.</i> This is an advanced level course for students in the Radiologic Technology program. Topics include radiographic digital imaging, quality control and quality assurance, as well as introductory concepts in advanced imaging modalities, including Computed Tomography (CT), Magnetic Resonance (MR), Cardiac Interventional (CI), Vascular Interventional (VI), Ultrasound (US), Nuclear Medicine (NM) and Dual Energy X-ray Absorptiometry (DEXA).</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>Corequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
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**Curriculum Instructional Council
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>230 Radiologic Science</p> <p align="right">32 - 36 hours lecture, 2 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 121 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program.</i> This is a course for students in the Radiologic Technology program. Topics include the theoretical principles in radiation physics, x-ray production, interaction of x-rays with matter and the function of x-ray equipment components.</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>Corequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>231 Pathology for Imaging Sciences</p> <p align="right">32 - 36 hours lecture, 2 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 210 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program.</i> This is an advanced course for students in the Radiologic Technology Program. Topics include: Pathologic Processes and Imaging Strategies for the Skeletal, Respiratory, Gastrointestinal, Hepatobiliary, Urinary, Reproductive, Circulatory, Nervous and Endocrine Systems. Contrast media selection and use for pathologic visualization is also discussed. This course is designed for students admitted into the Radiologic Technology program.</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>Corequisite (New)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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**Curriculum Instructional Council
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>241 Sectional Anatomy</p> <p align="right">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Corequisite:</i> Radiologic Technology 275. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This is an advanced course for students in the Radiologic Technology program. Topics include differentiation of head, neck, thorax, abdomen, pelvis and extremity anatomy demonstrated on sectional images from various imaging modalities.</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>Corequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>241L Sectional Anatomy Lab</p> <p align="right">24 - 27 hours lab, 0.5 units Grade Only</p> <p>REQUISITES: <i>Corequisite:</i> Completion of or concurrent enrollment in Radiologic Technology 241 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course covers sectional anatomy of the human body. Topics include differentiation of the head, neck, thorax, abdomen, pelvis and extremity anatomy demonstrated on CT and MRI images. This is a course for students currently enrolled in the Radiologic Technology Program.</p> <p>FIELD TRIP REQUIREMENTS: 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>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>242 Organization of Radiology</p> <p align="right">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Corequisite:</i> Radiologic Technology 257C. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This is an advanced level course for students in the Radiologic Technology program. Emphasis is placed on radiologic technologist responsibilities, compliance, imaging advancements and certifications.</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>Corequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>~ 256A Directed Clinical Practice I</p> <p align="right">240 – 270 hours other, 5 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 131, Radiologic Technology 190, and Radiologic Technology 190L, each with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 251A or Radiologic Technology 254A.</i> This is a beginning level course for students in the Radiologic Technology program. This course provides students with supervised clinical training at a District clinical affiliate. Topics include basic patient and radiographic care, medical ethics and safety, and effective healthcare communication. Exam competency focuses on basic exposure principles and radiographic procedures of the chest, thorax, abdomen, pelvis and extremities. Supervision is shared by the staff of the clinical education center and college faculty.</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) Six Year Review Corequisite (New) Course Renumbering (was 254A) Equivalency (New) Hours Change Limitation on Enrollment (New) Units Change</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>~ 256B Directed Clinical Practice II</p> <p align="right">360 – 405 hours other, 7.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite: Radiologic Technology 256A with a grade of "C" or better, or equivalent.</i> <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 121, Radiologic Technology 121C, Radiologic Technology 201, and Radiologic Technology 201L, each with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 251C, Radiologic Technology 251B, or Radiologic Technology 254B.</i> This is a course for students in the Radiologic Technology program. This course provides students with supervised clinical training at a District clinical affiliate. Topics include increased skills in patient and radiographic care, medical ethics and safety, and effective healthcare communication. Exam competency focuses on basic exposure principles and radiographic procedures of the spine and fluoroscopic procedures of the gastrointestinal, urinary and biliary systems. Supervision is shared by the staff of the clinical education center and college faculty.</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) Six Year Review Corequisite (New) Course Renumbering (was 254B) Equivalency (New) Hours Change Limitation on Enrollment (New) Prerequisite (Change) Units Change</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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 ~Course requires CCCCCO submission

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**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>~ 256C Directed Clinical Practice III</p> <p style="text-align: right;">288 – 324 hours other, 6 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Radiologic Technology 256B with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Completion of or concurrent enrollment in Radiologic Technology 192 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 252A or Radiologic Technology 254C. This is an intermediate course for students in the Radiologic Technology program. Course material provides students with supervised clinical training at a District clinical affiliate. Topics include the advancement of patient care and radiographic skills while employing appropriate medical ethics and safety and effective healthcare communication. Supervision is shared by the staff of the clinical education center and college faculty.</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>Corequisite (New)</i> <i>Course Renumbering (was 254C)</i> <i>Equivalency (New)</i> <i>Hours Change</i> <i>Limitation on Enrollment (New)</i> <i>Prerequisite (Change)</i> <i>Units Change</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>~ 257A Directed Clinical Practice IV</p> <p style="text-align: right;">360 – 405 hours other, 7.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Radiologic Technology 256C with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Completion of or concurrent enrollment in Radiologic Technology 210, Radiologic Technology 210L, Radiologic Technology 221, Radiologic Technology 230, and Radiologic Technology 231, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 252B or Radiologic Technology 255A. This is an advanced course for students in the Radiologic Technology program. This course provides students with supervised clinical training at a District clinical affiliate. Topics include the advancement of skills in patient care and radiographic skills while employing appropriate medical ethics, safety and effective healthcare communication. Exam competency focuses on radiographic procedures of cranio-facial structures and fluoroscopic examinations of the musculoskeletal, reproductive, vascular and central nervous systems. Supervision is shared by the staff of the clinical education center and college faculty.</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>Corequisite (New)</i> <i>Course Renumbering (was 255A)</i> <i>Equivalency (New)</i> <i>Limitation on Enrollment (New)</i> <i>Prerequisite (Change)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>~ 257B Directed Clinical Practice V</p> <p align="right">360 – 405 hours other, 7.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Radiologic Technology 257A with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Completion of or concurrent enrollment in Radiologic Technology 86 Radiologic Technology 86L, Radiologic Technology 240, Radiologic Technology 241, Radiologic Technology 241L, Radiologic Technology 275, and Radiologic Technology 275L, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 253A or Radiologic Technology 255B. This is an advanced course for students in the Radiologic Technology program. This course provides students with supervised clinical training at a District clinical affiliate. Topics include the advancement of skills in patient and radiographic care while employing appropriate medical ethics, safety and effective healthcare communication. Exam competency focuses on trauma, pediatric, operative and mobile radiographic procedures. Supervision is shared by the staff of the clinical education center and college faculty.</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>Corequisite (New)</i> <i>Course Renumbering (was 255B)</i> <i>Equivalency (New)</i> <i>Limitation on Enrollment (New)</i> <i>Prerequisite (Change)</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>~ 257C Directed Clinical Practice VI</p> <p align="right">288 – 324 hours other, 6 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Radiologic Technology 257B with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 253B or Radiologic Technology 255C. This is an advanced course for students in the Radiologic Technology program. This course provides students with supervised clinical training at a District clinical affiliate. Topics include the advancement of skills in patient and radiographic care while employing appropriate medical ethics and safety, as well as effective healthcare communication. Supervision is shared by the staff of the clinical education center and college faculty.</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 Renumbering (was 255C)</i> <i>Equivalency (New)</i> <i>Hours Change</i> <i>Limitation on Enrollment (New)</i> <i>Prerequisite (Change)</i> <i>Units Change</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>*~ 257D Directed Clinical Practice Computed Tomography 288 – 324 hours other, 6 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Radiologic Technology 275 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is for clinical rotations in computed tomography in one of our affiliate hospitals. This course will introduce the student to the clinical environment in computed tomography.</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 2019</p>
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>271 Digital Mammography 32 - 36 hours lecture, 2 units Grade Only</p> <p>REQUISITES: <i>Corequisite:</i> Completion of or concurrent enrollment in Radiologic Technology 210 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 248 or Radiologic Technology 249. This is an advanced course for the students in the Radiologic Technology program. Topics include basic principles of mammography and clinical application in diagnosing breast disease. Emphasis is placed on developing appropriate care and communication in mammography, image quality, and correct film and digital processing parameters.</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>Corequisite (Change)</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

271L Digital Mammography Laboratory 24 - 27 hours lab, 0.5 units Grade Only REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 271 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 249.</i> This is a course for mammography students to have experience with Quality Assurance (QA) and Quality Control (QC) of mammography equipment. This course provides hands on training of breast tissue to the required views needed in the clinical setting. FIELD TRIP REQUIREMENTS: May be required TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Offered At: Mesa Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Corequisite (Change)</i> <i>Texts</i> Approved Proposed for College(s): Mesa Originating Campus: MESA Effective: Fall 2019
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Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

275 Computed Tomography Imaging 32 - 36 hours lecture, 2 units Grade Only REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Radiologic Technology 241 with a grade of "C" or better, or equivalent.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 246.</i> This is a course for radiologic technology students to study the imaging modality of Computed Tomography (CT). The underlying physical principles, imaging method, instrumentation, imaging manipulation and clinical use of the modality in diagnostic imaging are explored. FIELD TRIP REQUIREMENTS: May be required TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Offered At: Mesa Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Corequisite (Change)</i> <i>Texts</i> Approved Proposed for College(s): Mesa Originating Campus: MESA Effective: Fall 2019
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

<p>275L Computed Tomography Imaging Laboratory</p> <p align="right">24 - 27 hours lab, 0.5 units Grade Only</p> <p>REQUISITES: <i>Corequisite:</i> Radiologic Technology 275. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Radiologic Technology 246. This is a course for radiologic technology students to study the imaging modality of Computed Tomography (CT). The underlying physical principles, imaging method, instrumentation, imaging manipulation and clinical use of the modality in diagnostic imaging are explored. This course also provides CT experience with software, planning and implementation of scanning protocols along with quality control.</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>Corequisite (Change)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2019</p>
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Subject: Real Estate (REAL) Discipline: Real Estate

<p>~ 105 Legal Aspects of Real Estate</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, each with Skill Levels/Milestones R5 and W5. This course is a study of California Real Estate law. Emphasis is placed on the practical application of the law to legal problems arising from real estate transactions; statutory enactment and case law; legal instruments; zoning ordinances; and city and county planning decisions. This course applies toward the State's educational requirements for the broker's examination and as an elective for the real estate salesperson's license exam. This course is intended for current or future real estate professionals.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Deactivation *(Active at another College)*</p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

Subject: Real Estate (REAL) Discipline: Real Estate

<p>*~ 140 Real Estate Appraisal II</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, each with Skill Levels/Milestones R5 and W5; Mathematics 96 with a grade of "C" or better, or equivalent or Assessment Skill Level M50. This course examines appraisal principles and procedures for complex properties, emphasizing income producing properties. Highest and best use, market analysis, lease analysis, and depreciation estimates are also considered. This course applies as an elective toward the State's educational requirements for the broker's examination and toward the educational requirements for various appraisal licenses issued by the State's Office of Real Estate Appraisers (OREA). It is intended for current or future real estate professionals.</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 Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2019</p>
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Subject: Work Experience (WORK)

<p>*~ 272 General Work Experience</p> <p align="right">60 - 225 hours other, 1-3 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Must obtain an Add Code from Work Experience Coordinator for enrollment. A program of on-the-job learning experiences designed to assist the student in developing occupational effectiveness. Employment need not be related to vocational or occupational major. This course may be taken for a maximum of six units. However, the combined maximum credit for all work experience courses from all disciplines may not exceed 16 units.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2019</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

Approved

Curriculum Instructional Council Actions Approved – December 13, 2018

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.)

Accountancy

Program Revision—Approved

Accounting- Miramar, PID 3705: Effective Fall 2019

Accountancy Certificate of Achievement

Accountancy

Program Revision—Approved

Accounting- Miramar, PID 3429: Effective Fall 2019

Accountancy Associate of Science

*Behavioral Sciences

Program Revision—Approved

Anthropology- City, PID 3434: Effective Fall 2019

Anthropology Associate of Arts

*Business

Program Revision—Approved

Business- Miramar, PID 3753: Effective: Fall 2019

Business Management Certificate of Achievement

*Business

Program Revision—Approved

Business- Miramar, PID 3754: Effective: Fall 2019

Business Management Associate of Science

*Business Studies

New Program—Approved

Business- City, PID 3674: Effective: Fall 2019

Business Operations-Cannabis Dispensary Certificate of Performance

Child Development

Program Revision—Approved

Child Development- Miramar, PID 3696: Effective Fall 2019

Child Development Assistant Teacher Certificate of Achievement

Child Development

Program Revision—Approved

Child Development- Miramar, PID 3697: Effective Fall 2019

Child Development Associate Teacher Certificate of Achievement

Child Development

Program Revision—Approved

Child Development- Miramar, PID 3699: Effective Fall 2019

Child Development Master Teacher Certificate of Achievement

Child Development

Program Revision—Approved

Child Development- Miramar, PID 3701: Effective Fall 2019

Child Development Site Supervisor Associate of Science

*Requires Board of Trustees approval prior to implementation

~Course requires CCCCCO submission

Approved

Curriculum Instructional Council Actions Approved – December 13, 2018

Child Development

Program Revision—Approved

Child Development- Miramar, PID 3698: Effective Fall 2019

Child Development Teacher Certificate of Achievement

*Child Development

Program Revision—Approved

Child Development- Miramar, PID 3692: Effective Fall 2019

Family Child Care Certificate of Performance

Child Development

Program Revision—Approved

Child Development- Miramar, PID 3694: Effective Fall 2019

Family and Child Relations Certificate of Performance

Child Development

Program Revision—Approved

Child Development- Miramar, PID 3693: Effective Fall 2019

Infant/Toddler Care Certificate of Performance

Child Development

Program Revision—Approved

Child Development- Miramar, PID 3695: Effective Fall 2019

Residential Care Workers Certificate of Performance

*Communication Studies

Program Revision—Approved

Communication Studies- Mesa, PID 3763: Effective Fall 2019

Communication Studies Associate in Arts for Transfer

*Computer Business Technology

Program Revision—Approved

Computer Business Technology- Mesa, PID 3703: Effective Fall 2019

Administrative Assistant Associate of Science

*Computer Business Technology

Program Deactivation—Approved

Computer Business Technology- Mesa, PID 3707: Effective Fall 2019

Information Management Technology Associate of Science

*Computer Technical Illustration

Program Deactivation—Approved

Technical Illustration- City, PID 3708: Effective Fall 2019

Technical Illustration Engineering Associate of Science

*Computer Technical Illustration

Program Deactivation—Approved

Technical Illustration- City, PID 3709 Effective: Fall 2019

Computer Technical Illustration Associate of Science

*Computer Technical Illustration

Program Deactivation—Approved

Technical Illustration- City, PID 3710 Effective: Fall 2019

Computer Technical Illustration Certificate of Achievement

*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

*Computer Technical Illustration

Program Deactivation—Approved

Technical Illustration- City, PID 3711: Effective Fall 2019

Computer Technical Illustration Certificate of Performance

*Entrepreneurship

Program Revision—Approved

Business- Miramar, PID 3730: Effective Fall 2019

Entrepreneurship Certificate of Achievement

*Entrepreneurship

Program Revision—Approved

Business- Miramar, PID 3729: Effective Fall 2019

Entrepreneurship Associate of Science

*Entrepreneurship

New Program—Approved

Business- Miramar, PID 3731: Effective Fall 2019

Independent Business Ownership Certificate of Performance

*Exercise Science

New Program—Approved

Exercise Science- City, PID 3669: Effective Fall 2019

Yoga Certificate of Performance

Fashion

Program Revision—Approved

Fashion- Mesa, PID 3749: Effective Fall 2019

Computer Fashion Technology Associate of Science

*Fire Protection Technology

Program Revision—Approved

Fire Protection Technology- Miramar, PID 3675: Effective Fall 2019

Entry Level Firefighter Associate of Science

*Fire Protection Technology

Program Revision—Approved

Fire Protection Technology- Miramar, PID 3676: Effective Fall 2019

Entry Level Firefighter Certificate of Achievement

*Humanities --Mesa

Program Revision—Approved

Humanities- Mesa, PID 3781: Effective Fall 2019

Honors Global Competencies Certificate of Achievement

*Interior Design

Program Revision—Approved

Interior Design- Mesa, PID 3716: Effective Fall 2019

Interior Design Certificate of Achievement

*Journalism

Program Revision—Approved

Journalism- Mesa, PID 3396: Effective Fall 2019

Journalism Certificate of Achievement

*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

*Journalism

Program Revision—Approved

Journalism- Mesa, PID 3760: Effective Fall 2019

Journalism Associate in Arts for Transfer

*Liberal Arts and Sciences

Program Revision—Approved

Economics- Mesa, PID 3714: Effective Fall 2019

Liberal Arts and Sciences: Social and Behavioral Sciences-Economics Associate of Arts

*Manufacturing Engineering Technology

Program Revision—Approved

Manufacturing Engineering Technology- City, PID 3166: Effective Fall 2019

Fabrication Manufacturing Certificate of Achievement

*Manufacturing Engineering Technology

Program Revision—Approved

Manufacturing Engineering Technology- City, PID 3165: Effective Fall 2019

Electronics Manufacturing Certificate of Achievement

*Multimedia

Program Revision—Approved

Multimedia- Mesa, PID 3762: Effective Fall 2019

3D Modeling and Animation Certificate of Achievement

*Multimedia

Program Revision—Approved

Multimedia- Mesa, PID 3656: Effective Fall 2019

Visual Communication Associate of Science

*Paralegal

Program Revision—Approved

Paralegal- Miramar, PID 3718: Effective Fall 2019

Paralegal Associate of Science

*Paralegal

Program Revision—Approved

Paralegal- Miramar, PID 3719: Effective Fall 2019

Paralegal Certificate of Achievement

*Public Administration

New Program—Approved

Public Administration- Miramar, PID 3689: Effective Fall 2019

Law, Public Policy, and Society Associate in Arts for Transfer

*Public Administration

New Program—Approved

Public Administration- Miramar, PID 3755: Effective Fall 2019

Public Safety Management Certificate of Achievement

*Public Administration

New Program—Approved

Public Administration- Miramar, PID 3745: Effective Fall 2019

Public Safety Management Associate of Science

*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

Approved

**Curriculum Instructional Council
Actions Approved – December 13, 2018**

- *Radiologic Technology
Program Revision—Approved
Radiologic Technology- Mesa, PID 3771: Effective Fall 2019
Radiologic Technology Associate of Science

- *Radiologic Technology
Program Revision—Approved
Radiologic Technology- Mesa, PID 3772: Effective Fall 2019
Radiologic Technology Certificate of Achievement

- *Visual and Performing Arts
Program Revision—Approved
Music Commercial- City, PID 3584: Effective Fall 2019
Audio Production Certificate of Achievement

- *Visual and Performing Arts
Program Revision—Approved
Music Commercial- City, PID 3496 Effective Fall 2019
Digital Music Technology Associate of Science

- *Visual and Performing Arts
New Program—Approved
Dance- City, PID 3604: Effective Fall 2019
Dance Certificate of Achievement

- *Visual and Performing Arts
Program Revision—Approved
Dance- City, PID 3583: Effective Fall 2019
Dance Associate of Arts

- *Visual and Performing Arts
New Program—Approved
Art-Graphic Design- City, PID 3664: Effective Fall 2019
Graphic Design Certificate of Performance

- *Visual and Performing Arts
New Program—Approved
Art-Graphic Design- City, PID 3648: Effective Fall 2019
Interaction Design Certificate of Achievement

- *Visual and Performing Arts
New Program—Approved
Art-Graphic Design- City, PID 3653: Effective Fall 2019
Interaction Design Associate of Arts

- *Visual and Performing Arts
New Program—Approved
Dramatic Arts- City, PID 3579: Effective Fall 2019
Technical Theatre Certificate of Achievement

*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission