## Subject: Architecture (ARCH) Discipline: Architecture

100 Graphic Design Communication I	Offered At: Mesa
96 - 108 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
This course is designed for all students who wish to develop basic hand drafting skills	Approved
for use in Architectural, Construction, and Interior Design programs. Topics include	
lettering, line control, sketching, use of drafting instruments and the development of	Proposed for College(s): Mesa
architectural presentation drawings. This course is designed for students interested in	
developing hand drawing skills for use in architecture, interior design, and construction.	<b>Originating Campus:</b> MESA
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For
	College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU.	
	Effective: Fall 2020

#### Subject: Architecture (ARCH) Discipline: Architecture

115 Architectural Model Making	Offered At: Mesa
16 - 18 hours lecture, 48 - 54 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> Architecture 100 or Interior Design 112A, each with a grade of "C" or better,	Approved
or equivalent.	Proposed for College(s): Mesa
The emphasis of this class is shop safety and hands-on model construction. Appropriate tool and materials selection and tool operation (with emphasis on power tools) are covered. The course is intended for architectural and interior design students.	Originating Campus: MESA
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Effective: Fall 2020

#### Subject: Architecture (ARCH) Discipline: Architecture

130 Materials of Construction	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
This course is a study of the construction constraints and program criteria for the selection and installation of building materials for residential and commercial	Approved
construction projects. This course is intended for architectural design students, design professionals, construction trades people transitioning to supervisory positions, persons	Proposed for College(s): Mesa
menoning for the trades mention of the general contractor's license even emprisons and	Originating Campus: MESA
commercial buildings.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Effective: Fall 2020

## Subject: Architecture (ARCH) Discipline: Architecture

141 Professional Practice in Architecture	Offered At: Mesa
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Architecture 100 with a grade of "C" or better, or equivalent.	-FF
Corequisite: Completion of or concurrent enrollment in: Architecture 130 with a grade	Proposed for College(s): Mesa
of "C" or better, or equivalent.	
This course introduces regional codes and regulations and their application to the	<b>Originating Campus:</b> MESA
professional practice of architecture. Students research regional codes and regulations	
and apply them to develop architectural construction documents that include site	Dist. Ed Proposed For
development plans and details, floor plans, reflected ceiling plans and details, roof	College(s): Mesa
framing plans and details, floor framing plans and details. Foundation plans and details,	
door, window, cabinet, and stair details for light wood frame and masonry structures are	Effective: Fall 2020
also included. The American with Disabilities Act (ADA) requirements, sustainability,	
energy conservation, and life safety is introduced in this course. This course is designed	
for architecture, interior design and building construction technology students.	
FIELD TRIP REQUIREMENTS: May be required	
TDANSEED ADDI ICADII ITV. Associate Desure Cardit & transformer CSU	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

## Subject: Architecture (ARCH) Discipline: Architecture

170 Architectural Design	Offered At: Mesa
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> Mathematics 96 with a grade of "C" or better, or equivalent or Milestone	Approved
M50. This course is an introduction to architecture and environmental design. Emphasis is	Proposed for College(s): Mesa
placed on the concepts of form and space as applied to two-dimensional (2-D) and three-dimensional (3-D) design projects. This course is intended for all students	<b>Originating Campus:</b> MESA
interested in architectural design.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

## Subject: Architecture (ARCH) Discipline: Architecture

172 Architectural Design II	Offered At: Mesa
32 - 36 hours lecture, 96 - 108 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Architecture 100, and Architecture 170, each with a grade of "C" or better, or equivalent. This course is a practical study of architectural design and project development.	Proposed for College(s): Mesa
Emphasis is placed on the creation and presentation of building designs. Topics include an introduction to contemporary design theory. This course is intended for architecture	<b>Originating Campus:</b> MESA
majors.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Architecture (ARCH) Discipline: Architecture

173 Architectural Site Design: Creating Exterior Spaces	Offered At: Mesa
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Architecture 100 and Architecture 170, each with a grade of "C" or better,	11
or equivalent.	Proposed for College(s): Mesa
This course is a study of the basic principles of site design, composition and design	
process in the creation of exterior spaces. This course is designed for any student	Originating Campus: MESA
interested in environmental design.	
FIFL D TDID DECHIDEMENTS, Marchannessing	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	
TRANSFER ATTENCADILITT, Associate Degree Credit & Italister to CSU.	Effective: Fall 2020

### Subject: Architecture (ARCH) Discipline: Architecture

175 Advanced Architectural Design I	Offered At: Mesa
48 - 54 hours lecture, 96 - 108 hours lab, 5 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Architecture 172 with a grade of "C" or better, or equivalent. <i>Corequisite: Completion of or concurrent enrollment in:</i> Architecture 173 with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
<i>Advisory:</i> Architecture 220 with a grade of "C" or better, or equivalent. This course an advanced practical study of architectural design based on advanced	Originating Campus: MESA
contemporary architectural theory. Students analyze and design architectural projects with emphasis on the plan, section, building form and issues of sustainability. Students are required to present their design projects to the class. This course is designed for	Dist. Ed Proposed For College(s): Mesa
architecture students.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Architecture (ARCH) Discipline: Architecture, or Construction Management

205 Estimating	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
This course is an introduction to construction cost estimating. Emphasis is placed on determining the amount of work to be done before applying pricing rules. Topics	Approved
include basic quantity takeoffs, pricing, appropriate markups, overhead, and specification review. This course is intended for students majoring in Architecture and	Proposed for College(s): Mesa
Building Construction Technology.	Originating Campus: MESA
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	College(s): Mesa
	Effective: Fall 2020

\*Requires Board of Trustees approval prior to implementation

### Subject: Architecture (ARCH) Discipline: Architecture

220 Graphic Design Communication II	Offered At: Mesa
96 - 108 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Architecture 100 with a grade of "C" or better, or equivalent. This course is a practical study in the development of architectural presentation drawing. Various media may include, but are not limited to, pencil, pen and ink, and color rendering techniques in both non-digital and digital formats. This course is designed for architecture, landscape architecture and interior design majors.	Proposed for College(s): Mesa Originating Campus: MESA
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

### Subject: Architecture (ARCH) Discipline: Architecture

226 Architectural Theory	Offered At: Mesa
48 - 54 hours lecture, 3 units Grade Only	Action(s) Proposed: Distance Learning - No Other Action
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	Approved
W60. This seminar course examines the theory of contemporary architectural design.	Proposed for College(s): Mesa
Emphasis is placed on comparisons between architectural theory and current practice in the region. Students interview a local architect and present an analysis and critique of	<b>Originating Campus:</b> MESA
that architect's work to the class comparing and contrasting it with the theoretical information presented throughout the semester. This class is designed for architecture majors and anyone interested in architectural theory and practice.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: Required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

## Subject: Art-Fine Art (ARTF) Discipline: Art

150A Two-Dimensional Design	Offered At: City, Mesa, Miramar
32 - 36 hours lecture, 64 - 72 hours lab, 3 units	-
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	
W60.	<b>Proposed for College(s):</b> Mesa
This course is an introduction to two-dimensional space and form. Emphasis is placed	
on ways of organizing visual space into vivid and coherent images. This course is	<b>Originating Campus: MESA</b>
designed for students beginning a study of art and/or related disciplines.	
	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	Effective: Fall 2020

### Subject: Art-Fine Art (ARTF) Discipline: Art

155A Freehand Drawing I	Offered At: City, Mesa, Miramar
32 - 36 hours lecture, 64 - 72 hours lab, 3 units	-
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	Approved
W60. This is an introductory course designed to develop the student's ability to perceive and	Proposed for College(s): Mesa
translate visual relationships from 3-dimensional (3-D) space into 2-dimensional (2-D) drawings. Emphasis is placed on the use of art theory, basic art elements and	<b>Originating Campus:</b> MESA
compositional strategies to create pictorial space and compose original images based on observation. This course is intended for art majors and all students interested in learning freehand drawing whether or not they have previous art experience.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Art-Fine Art (ARTF) Discipline: Art

155B Freehand Drawing II	Offered At: City, Mesa, Miramar
32 - 36 hours lecture, 64 - 72 hours lab, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Art-Fine Art 155A with a grade of "C" or better, or equivalent.	11
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	Proposed for College(s): Mesa
W60.	1 0()
This course is an intermediate course in which students apply art principles and theory	<b>Originating Campus:</b> MESA
to create solutions to particular problems of graphic representation and expression.	
Emphasis is placed on visual analysis and inquiry in creating pictorial space and	Dist. Ed Proposed For
applying drawing media. Students are introduced to the use of interdisciplinary art	College(s): Mesa
forms and image making and explore New Genres as a means of continued intellectual	
and artistic development. This course is intended for art and graphic art students.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
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TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

#### Subject: Biology (BIOL) Discipline: Biological Sciences

100 Natural History - Environmental Biology	Offered At: Mesa, Miramar
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	II
or equivalent or Milestone R50 and W50.	Proposed for College(s): Mesa
This course is an introduction to the basic principles of ecology. Emphasis is placed on	
the biological systems and plants and animals of Southern California through lecture, laboratory and field trips. Topics include the nature of the physical environment,	<b>Originating Campus: MESA</b>
terrestrial and aquatic ecosystems, evolution and biodiversity, species interactions, and	
human impacts on natural systems. This course is intended for students interested in	Dist. Ed Proposed For
environmental biology.	College(s): Mesa
environmental ofotogy.	
FIELD TRIP REQUIREMENTS: Required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Biology (BIOL) Discipline: Biological Sciences

107 General Biology-Lecture and Laboratory	Offered At: Mesa, Miramar, City
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	Action(s) Proposed: Distance Learning
Grade Only	- No Other Action
<ul> <li><b>REQUISITES:</b> <i>Advisory:</i> English 101 or English 105 each with a grade of "C" or better, or equivalent or Milestone R60 and W60. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Biology 105, Biology 106, Biology 210A, or Biology 210B.</li> <li>This course is an examination of living organisms and their environment. The lecture and laboratory are intended for students in the Allied Health Track or students majoring in Education or related areas. Topics include the fundamental chemical and physical processes common to all living organisms, the interactions between organisms and their environment, classical and molecular genetics, metabolism, plant and animal anatomy and physiology, animal behavior, evolution, cellular and molecular biology, and the experimental and cognitive processes used to examine these fields.</li> <li><b>FIELD TRIP REQUIREMENTS:</b> May be required</li> <li><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.</li> </ul>	Approved Proposed for College(s): Mesa Originating Campus: MESA Dist. Ed Proposed For College(s): Mesa Effective: Fall 2020

## Subject: Biology (BIOL) Discipline: Biological Sciences

115 Marine Biology	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	Ipproveu
	Proposed for College(s): Mesa
This course is a survey of marine biology. Emphasis is placed on marine organisms, their ecology and their evolutionary adaptations to marine habitats of the ocean	
environment. Topics include the marine environment and its organisms: plankton,	<b>Originating Campus:</b> MESA
plants, invertebrates, fishes, birds, reptiles, and mammals. Field trips include local	Dist. Ed Proposed For
marine habitats, aquaria and museums. This course is intended for all students interested	College(s): Mesa
in marine biology.	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC.	
UC Transfer Course List. CSU General Education.	

### Subject: Biology (BIOL) Discipline: Biological Sciences

160 Elements of Human Anatomy and Physiology	Offered At: Mesa, Miramar
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	Action(s) Proposed: Distance Learning
Letter Grade or Pass/No Pass Option	- No Other Action
<ul> <li>REQUISITES: Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and W60. Limitation on Enrollment: This course is not open to students with previous credit for Biology 230 or Biology 235. This course is an introduction to the structure and functions of the human body. Emphasis is placed on the human body systems including the integumentary, skeletal, muscular, nervous, endocrine, reproductive, cardiovascular, lymphatic, respiratory, excretory, and digestive systems. This course is designed for students preparing for allied health occupations such as radiological technician, physical therapist assistant, and medical laboratory technician, as well as students interested in learning about the human body.</li> <li>FIELD TRIP REQUIREMENTS: Not required</li> <li>TRANSFER APPLICABILITY: Associate Degree Credit &amp; transfer to CSU. CSU General Education.</li> </ul>	Approved Proposed for College(s): Mesa Originating Campus: MESA Dist. Ed Proposed For College(s): Mesa Effective: Fall 2020

## Subject: Biology (BIOL) Discipline: Biological Sciences

180 Plants and People	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	Approved
W60. This is an introductory course that examines the interdependence of humans and plants.	Proposed for College(s): Mesa
This course is intended for all that want to learn about the uses of plants, especially those students with an interest in biology, anthropology, environmental sciences, and/or	Originating Campus: MESA
agriculture. Emphasis is on plant ecology as well as the basic biology of plant groups that provide us with food, medicine, recreation, decoration, and material goods, as well as those that produce stimulating, intoxicating, or harmful effects. Basic principles of	Dist. Ed Proposed For College(s): Mesa
taxonomy, cell structure, plant physiology, plant anatomy, ecology, and genetics are explored as they relate to these plants. Current environmental and economic issues and	Effective: Fall 2020
the role of molecular genetics in future plant development and the importance of genetic diversity are also examined.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC. UC Transfer Course List. CSU General Education.	

### Subject: Biology (BIOL) Discipline: Biological Sciences

200 Biological Statistics	Offered At: Mesa
<b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units</b>	
Grade Only	Action(s) Proposed: Distance Learning
DEALUSITES.	- No Other Action
<b>REQUISITES:</b> <i>Prerequisite:</i> Biology 107 or Biology 210A and Mathematics 116, each with a grade of	Approved
"C" or better, or equivalent. Biology 107, Biology 210A and Math 116 completed within five years of enrollment in Biology 200.	Proposed for College(s): Mesa
<i>Advisory:</i> English 101 or English 105, each with a grade of "C" or better, or equivalent or Milestone R60 and W60.	Originating Campus: MESA
This is an introductory course in statistics using biological examples and experimental	Dist. Ed Proposed For
design. Students learn methods and gain experience in defining and solving quantitative	College(s): Mesa
problems in biology. Descriptive and inferential statistics, basic probability, binomial and normal distributions are introduced. Students learn to estimate population	
parameters, test hypotheses, linear regression and correlation using clinical and	Effective: Fall 2020
biological data and experiments. This course is intended for students majoring in	
biological science.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

#### Subject: Biology (BIOL) Discipline: Biological Sciences

205 General Microbiology	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 96 - 108 hours lab, 5 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Biology 107, Chemistry 100, and Chemistry 100L, or Chemistry 103,	
Chemistry 152, and Chemistry 152L, each with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
This introductory course covers fundamental aspects of microbiology including	
taxonomy, structure, physiology, reproduction, genetics, control, immunology,	<b>Originating Campus: MESA</b>
diversity, and host-symbiont relationships. Lab work emphasizes basic techniques for	5 5 I
culturing, staining, counting, and identifying microorganisms. This course is intended	Dist. Ed Proposed For
for students pursuing careers in allied health fields and may meet entry requirements for	College(s): Mesa
these allied health fields.	5()
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

### Subject: Biology (BIOL) Discipline: Biological Sciences

210A Introduction to the Biological Sciences I 48 - 54 hours lecture, 48 - 54 hours lab, 4 units	Offered At: City, Mesa, Miramar
	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Prerequisite:</i> Chemistry 152, Chemistry 152L and Mathematics 96 each with a grade of	Approved
"C" or better, or equivalent or Milestone M50. All prerequisites must be completed within five years of enrollment in Biology 210A.	Proposed for College(s): Mesa
<i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Milestone R60 and W60.	<b>Originating Campus: MESA</b>
<i>Advisory: Concurrent enrollment in:</i> Chemistry 200 and Chemistry 200L. This course covers biological chemistry, cell structure and function, cellular metabolism, classical and molecular genetics, and the molecular basis of evolutionary	Dist. Ed Proposed For College(s): Mesa
biology. This is the first semester of a two-semester sequence designed for biological science and pre-professional majors.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

## Subject: Biology (BIOL) Discipline: Biological Sciences

210B Introduction to the Biological Sciences II	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Biology 210A with a grade of "C" or better, or equivalent.	
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	<b>Proposed for College(s):</b> Mesa
W60.	
This course covers the three Domains of life, including the phylogenetic relationships of major groups of organisms. Topics include adaptive radiation, anatomy, physiology,	<b>Originating Campus:</b> MESA
development, behavior, and ecology. This is the second semester of a two-semester	Dist. Ed Proposed For
sequence designed for biological science and pre-professional majors.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

### Subject: Biology (BIOL) Discipline: Biological Sciences

215 Introduction to Zoology	Offered At: Mesa
32 - 36 hours lecture, 96 - 108 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Biology 107 with a grade of "C" or better, or equivalent.	Treesen
Advisory: English 101 or English 105, each with a grade of "C" or better, or equivalent	Proposed for College(s): Mesa
or Milestone R60 and W60.	
This is an introductory course that surveys the basic principles of animal biology. These	<b>Originating Campus:</b> MESA
principles include morphology, life processes and evolutionary relationships of the	
invertebrates and vertebrates. Laboratories include the identification of organisms,	Dist. Ed Proposed For
dissection and recognition of the anatomy of varied animal representatives,	College(s): Mesa
embryological development, histology, behavior and physiology. This course is	
intended for students majoring in Biological Science, Allied Health and Animal	Effective: Fall 2020
Science.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	
Conciai Education. IOETC. OC Transfer Course List.	

## Subject: Biology (BIOL) Discipline: Biological Sciences

230 Human Anatomy	Offered At: City, Mesa, Miramar
<b>32 - 36 hours lecture, 96 - 108 hours lab, 4 units</b>	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Biology 107, Biology 160 or Biology 210A, each with a grade of "C" or	
better, or equivalent.	Proposed for College(s): Mesa
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	
W60.	<b>Originating Campus:</b> MESA
This course is a systems approach to the study of human body structure from the	0 0 I
microscopic level of organization to the gross level. Students relate body structures to	Dist. Ed Proposed For
their functions by studying histological slides and photomicrographs, anatomical	College(s): Mesa
models and charts, and mammalian dissection that may include using prosector	
cadavers for studying and testing. This course is intended to meet the requirements of	Effective: Fall 2020
students in the fields of nursing, physical therapy, recreational therapy, occupational	
therapy, athletic training, chiropractic, psychology, physical education, and biology or those who wish to extend their knowledge of the human body beyond the scope of	
introductory biology.	
introductory biology.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

### Subject: Biology (BIOL) Discipline: Biological Sciences

235 Human Physiology	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Biology 107 with a grade of "C" or better, or equivalent.	
Advisory: Biology 230, Chemistry 100, and Chemistry 100L, each with a grade of "C"	<b>Proposed for College(s):</b> Mesa
or better, or equivalent.	
This course is an introductory study of human body functions. Emphasis is placed on the nervous, endocrine, muscular, cardiovascular, immune, digestive, respiratory,	Originating Campus: MESA
urinary and reproductive systems. This course is intended for students majoring in	Dist. Ed Proposed For
nursing, allied health, psychology, biology and physical education.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

#### Subject: Biology (BIOL) Discipline: Biological Sciences

250 Introduction to Botany	Offered At: Mesa
32 - 36 hours lecture, 96 - 108 hours lab, 4 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	
W60.	Proposed for College(s): Mesa
This course is an introduction to the fundamental principles of the anatomy,	
development, physiology, reproductive biology, genetics, ecology and evolution of the	<b>Originating Campus:</b> MESA
major plant groups, with emphasis on the flowering plants. The course is targeted	
towards students with no previous college level biology, but is also appropriate as a	Dist. Ed Proposed For
lower division course for biology majors.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List.	

## Subject: Building Construction Technology (BLDC) Discipline: Construction Technology

55 Construction Plan Reading	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
<b>REQUISITES:</b>	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	Ippioveu
or equivalent; Mathematics 38 with a grade of "C" or better, or equivalent or Milestone	Proposed for College(s): Mesa
M30.	Toposed for Conege(s). Wesa
Limitation on Enrollment: This course is not open to students with previous credit for	Originating Computer MESA
Building Construction Technology 120.	Originating Campus: MESA
This course is a practical study of the use and interpretation of construction plans.	Dist. Ed Proposed For
Students extract construction requirements from building plans and specifications to	College(s): Mesa
obtain information needed to install and direct construction, perform building	conege(s). Wesa
inspections, prepare estimates, perform appraisals, and maintain buildings. This course	Effective: Fall 2020
is intended for students in Architecture, Interior Design, or Building Construction	Effective. Fall 2020
Technology programs and others who are pursuing careers in these fields.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

## Subject: Building Construction Technology (BLDC) Discipline: Construction Technology

61 Construction Practices II	Offered At: Mesa
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 4/A or English 48 and English 49, each with a grade of "C" or better,	11
or equivalent or Milestone R50 and W50; Mathematics 38 with a grade of "C" or better, or equivalent or Milestone M30.	Proposed for College(s): Mesa
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Building Construction Technology 170.	<b>Originating Campus: MESA</b>
This course is a practical study of building practices. Emphasis is placed on basic	Dist. Ed Proposed For
carpentry and finish techniques as well as the integration of plumbing and electrical systems in residential buildings. Topics include coordinating with other trades, building	College(s): Mesa
codes and required regulatory inspections. This course is intended for students in the	Effective: Fall 2020
construction management or inspection programs and anyone interested in residential	
construction practices.	
FIELD TRIP REQUIREMENTS: May be required	
THED THE RECORDINENTS. May be required	
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

Subject: Building Construction Technology (BLDC) Discipline: Building Codes and Regulations, Construction Technology

70 Building Codes and Zoning	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	
or equivalent or Milestone R50 and W50; Mathematics 38 with a grade of "C" or better,	Proposed for College(s): Mesa
or equivalent or Milestone M30. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	
Building Construction Technology 260.	<b>Originating Campus:</b> MESA
This course provides students, design professionals, inspectors, appraisers, and	
construction trade persons with the skills to locate and apply California Building Code	Dist. Ed Proposed For
(CBC) and local zoning regulations. Emphasis is placed on building design, plan	College(s): Mesa
review, and fire and life safety issues. This course is intended for students in	Effective: Fall 2020
Architecture, Building Construction Technology, Interior Design, and inspectors,	
plancheckers, contractors and others with an interest in the application of California	
Building Code provisions.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

Subject: Building Construction Technology (BLDC) Discipline: Construction Technology

75 Construction Management I	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	II ····
or equivalent or Milestone R50 and W50; Mathematics 38 with a grade of "C" or better, or equivalent or Milestone M30.	Proposed for College(s): Mesa
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Building Construction Technology 250.	<b>Originating Campus: MESA</b>
This course is a practical study of construction project management. Emphasis is placed	Dist. Ed Proposed For
on Project Management Institute vocabulary and methodology. Topics include contract terms and conditions within the context of project scope management, project time	College(s): Mesa
management, project cost management, project quality management, project resource management, project communications management, project risk management, and	Effective: Fall 2020
project procurement management while satisfying project deliverables. This course is	
designed for students in Architecture, Building Construction Management,	
superintendents, and others with an interest in project management.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Building Construction Technology (BLDC) Discipline: Construction Technology

95 Building Contractor's License Law	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	<i>Ippiove</i> a
or equivalent or Milestone R50 and W50; Mathematics 38 with a grade of "C" or better,	Proposed for College(s): Mesa
or equivalent or Milestone M30.	r roposed for Conege(s): Mesa
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Originating Computer MESA
Building Construction Technology 295.	<b>Originating Campus: MESA</b>
This course provides students with the knowledge and skills required to apply the rules	Dist. Ed Bronogod For
and regulations governing construction contracting in California. Emphasis is placed on	Dist. Ed Proposed For College(s): Mesa
preparing students to sit for the License Law portion of the various Contractor's License	Conege(s): Mesa
exams administered by the California Contractor's State License Board. This course is	Effectioner E-11 2020
intended for students in the Architecture, Interior Design, and Building Construction	Effective: Fall 2020
Technology programs and persons planning on taking the contractor's license	
examination or who are interested in utilizing construction contracting services.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.	
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## Subject: Culinary Arts/Culinary Management (CACM) Discipline: Culinary Arts/Food Technology

110 Fundamentals of Cooking and Service	Offered At: Mesa
192 - 216 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Culinary Arts/Culinary Management 101.	Trp: • • • •
<i>Corequisite: Completion of or concurrent enrollment in:</i> Culinary Arts/Culinary Management 105 with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Food Service Occupations 110.	<b>Originating Campus:</b> MESA
This is a beginning laboratory course in food preparation and presentation including	Dist. Ed Proposed For
cooking equipment, techniques, and safety procedures, using weights and measures, and interpretation of recipes. Product identification, basic cooking techniques and	College(s): Mesa
procedures based on nutrition and classic preparation methods are presented. Students are provided the hands-on experience in preparing meals by following recipe structure	Effective: Fall 2020
and using and modifying recipes based on knowledge gained through the course. Food preparation is produced in a time-restricted setting to prepare for functioning in a	
commercial kitchen. This course is designed for students interested in pursuing a career in Culinary Arts/Culinary Management.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Culinary Arts/Culinary Management (CACM) Discipline: Culinary Arts/Food Technology

131 Quantity Food Preparation Laboratory	Offered At: Mesa
192 - 216 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Culinary Arts/Culinary Management 101, Culinary Arts/Culinary	-TF
Management 105, and Culinary Arts/Culinary Management 110, each with a grade of	<b>Proposed for College(s):</b> Mesa
"C" or better, or equivalent.	roposed for Conege(s). mesu
Corequisite: Completion of or concurrent enrollment in: Culinary Arts/Culinary	<b>Originating Campus: MESA</b>
Management 130 with a grade of "C" or better, or equivalent.	originating campust tribbit
Limitation on Enrollment: This course is not open to students with previous credit for	Dist. Ed Proposed For
Food Service Occupations 131.	College(s): Mesa
This laboratory course supplements the Culinary Arts/Culinary Management theory	
course. Large scale food preparation is produced in a time-restricted, quality-minded	Effective: Fall 2020
setting. Emphasis is placed on the development, organization and carrying out of recipe	
standardization, need and procurement of supplies, work stations, and attractive service.	
This intermediate course is for students interested in a career in Culinary Arts/Culinary	
Management and is required for the Dietary Service Supervisor Certificate offered	
through the Nutrition Department.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU.	

### Subject: Culinary Arts/Culinary Management (CACM) Discipline: Culinary Arts/Food Technology

201 Gourmet Food Preparation Laboratory	Offered At: Mesa
144 - 162 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Culinary Arts/Culinary Management 101, Culinary Arts/Culinary	<i>Tpp</i> : <i>o</i> , <i>oa</i>
Management 130, and Culinary Arts/Culinary Management 131, each with a grade of	Proposed for College(s): Mesa
"C" or better, or equivalent.	
Limitation on Enrollment: This course is not open to students with previous credit for	<b>Originating Campus:</b> MESA
Food Service Occupations 201.	originating campust miller
This laboratory course is designed to teach advanced food preparation techniques and	Dist. Ed Proposed For
methods. Students learn the science of scratch cookery through small batch	College(s): Mesa
assignments. Areas of focus include gourmet items, buffet specialties, hors d'oeuvres,	
and canapes, while practicing presentation and garnishing. Small scale preparation is	Effective: Fall 2020
produced in a time-restricted quality-minded setting. This course is for students	
pursuing a career in culinary arts/culinary management.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

#### Subject: Culinary Arts/Culinary Management (CACM) Discipline: Culinary Arts/Food Technology

210 Basic Baking and Pastry	Offered At: Mesa
144 - 162 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Culinary Arts/Culinary Management 101, Culinary Arts/Culinary	
Management 130, and Culinary Arts/Culinary Management 131, each with a grade of	Proposed for College(s): Mesa
"C" or better, or equivalent.	
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	<b>Originating Campus: MESA</b>
Food Service Occupations 210.	
This course covers fundamental baking skills for students who intend to specialize in	Dist. Ed Proposed For
baking and pastry making instead of general cooking. Production of yeast and quick	College(s): Mesa
breads, cakes, cookies, pies, and pastries, as well as decorating and icings are	
undertaken, with emphasis placed on more sophisticated items and gourmet specialties	Effective: Fall 2020
including cakes and pastries for weddings, birthdays and special occasions. Gourmet	
baked items and pastries are produced in a time restricted quality minded setting. This	
course is for students pursuing a certificate or degree in culinary arts/culinary	
management.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Culinary Arts/Culinary Management (CACM) Discipline: Culinary Arts/Food Technology

211 Advanced Baking and Pastry	Offered At: Mesa
144 - 162 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Culinary Arts/Culinary Management 210 with a grade of "C" or better, or	-FF
equivalent.	Proposed for College(s): Mesa
This course builds on the skills and knowledge gained in Basic Baking and Pastry.	
Emphasis is on the safe handling of foods and the production of high quality,	<b>Originating Campus:</b> MESA
handcrafted desserts for retail and commercial bakeries. This course includes techniques	
in management of quantity preparation. Student will also be familiarized with advanced	Dist. Ed Proposed For
baking theories and techniques. Students are introduced to a variety of essential	College(s): Mesa
ingredients necessary to the professional pastry chef, as well as current trends in	
equipment. Techniques of sugar cooking and the handling of chocolate are also	Effective: Fall 2020
discussed. Special importance is placed on the following methods: folding, rolling, and	
piping skills. This course is designed for students interested in high quantity baking and	
pastry techniques in a commercial setting.	
FIELD TRIP REQUIREMENTS: May be required	
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TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

### Subject: Culinary Arts/Culinary Management (CACM) Discipline: Culinary Arts/Food Technology

292 Culinary Practicum	Offered At: Mesa
96 - 108 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Culinary Arts/Culinary Management 110 with a grade of "C" or better, or	
equivalent.	Proposed for College(s): Mesa
Limitation on Enrollment: Obtain Permission Number from Instructor. This course is	
not open to students with previous credit for Food Service Occupations 291 or Culinary	<b>Originating Campus: MESA</b>
Arts/Culinary Management 291.	
This course provides practical experiences designed to supplement the basic curriculum	Dist. Ed Proposed For
and includes special cooperative educational opportunities set up with the College and	College(s): Mesa
approved Chefs. Experiences include special and short-order food preparation and	
service, buffet service, catering, dining room management and service and receiving	Effective: Fall 2020
and storeroom procedures. Large scale and small quantity preparation is produced in a	
time-restricted quality-minded setting. This course is for students pursuing a career in	
culinary arts/culinary management.	
FIELD TRIP REQUIREMENTS: May be required	
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<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU.	

## Subject: Chicana And Chicano Studies (CHIC) Discipline: Ethnic Studies

190 Chicano Images in Film	Offered At: City, Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
This course is a critical approach to cinematic images of Chicanos as depicted in selected films. Focus is placed on stereotypical and negative portrayals during early	Approved
cinema with an examination of the more realistic and complex portraits of more recent times. Film genres, such as early Hollywood features, documentaries and the emerging	Proposed for College(s): Mesa
"Chicano film" are examined. This course is designed for students interested in film studies with a special focus on the Chicano experience in film.	Originating Campus: MESA
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC. UC Transfer Course List. CSU General Education.	Effective: Fall 2020

### Subject: Chicana And Chicano Studies (CHIC) Discipline: Ethnic Studies

210 Chicano Culture	Offered At: City, Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
This course is a study of Chicana/o culture in the United States. Emphasis is placed on historical and contemporary representations of Chicana/os through their cultural	Approved
products, such as music, dance, theatre, literature and film. Students apply Cultural Studies theories to analyze and interpret Chicana/o cultural products. This course is	Proposed for College(s): Mesa
designed for all students interested in Chicana/o culture.	<b>Originating Campus: MESA</b>
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	College(s): Mesa
General Education. IGETC. UC Transfer Course List.	Effective: Fall 2020

### Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education

111 Curriculum: Music and Movement	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
This course introduces the function of music and fundamental movement skills in early childhood educational programs. Emphasis is placed on the development of music and	Approved
movement skills, basic teaching and guidance techniques, and selection of appropriate materials and equipment. Other topics include designing and implementing curriculum	Proposed for College(s): Mesa
plans that are appropriate for a variety of age groups and developmental levels. This course is intended for students interested in working in early childhood education,	<b>Originating Campus:</b> MESA
obtaining California child development permits, and transferring to four-year institutions.	Dist. Ed Proposed For
institutions.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

### Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education

121 Curriculum: Art	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
This course introduces the creative process and experience in early childhood education	Approved
programs. Emphasis is placed on creative development, art curriculum activities, basic teaching skills, guidance techniques, equipment, and materials. Students select appropriate activities for a variety of age and maturity levels based on child	Proposed for College(s): Mesa
development theories and concepts. This course is intended for students majoring in Child Development or others interested in the creative process in early childhood	Originating Campus: MESA
education.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Effective: Fall 2020

Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education

160 Observing and Understanding Children	Offered At: City, Mesa, Miramar
16 - 18 hours lecture, 48 - 54 hours lab, 2 units Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Limitation on Enrollment:</i> Health and Safety. TB clearance within the last year is	Approved
required. This course focuses on behavioral patterns and growth processes of young children	Proposed for College(s): Mesa
through observations and supervised participation in the campus Child Development Center. The course emphasizes the principles of observing, interpreting, and guiding	Originating Campus: MESA
children's behavior. Topics include children's developmental, safety, and nutritional needs. This course is intended for students majoring in child development and parents of children enrolled in the campus child development center. This course partially	Dist. Ed Proposed For College(s): Mesa
fulfills the specialization requirements for the State of California Master Teacher Permit.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education

160 Observing and Understanding Children	Offered At: City, Mesa, Miramar
16 - 18 hours lecture, 48 - 54 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Limitation on Enrollment: Health and Safety. TB clearance within the last year is	II
required.	Proposed for College(s): Miramar
This course focuses on behavioral patterns and growth processes of young children	
through observations and supervised participation in the campus Child Development Center. The course emphasizes the principles of observing, interpreting, and guiding	Originating Campus: MIRAMAR
children's behavior. Topics include children's developmental, safety, and nutritional	
needs. This course is intended for students majoring in child development and parents	Dist. Ed Proposed For
of children enrolled in the campus child development center. This course partially	<b>College(s):</b> Miramar
fulfills the specialization requirements for the State of California Master Teacher	Effective: Fall 2020
Permit.	
FIELD TRIP REQUIREMENTS: May be required	
The free regulation in the second sec	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education

161 Observations and Issues in Child Development	Offered At: City, Mesa, Miramar
16 - 18 hours lecture, 48 - 54 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> Health and Safety. TB clearance within the last year is required. This course explores current issues in child development and how these issues influence both the child and family. The course emphasizes effective communication	Proposed for College(s): Miramar Originating Campus: MIRAMAR
skills, positive guidance techniques, kindergarten readiness skills, and appropriate classroom activities. It is intended for students majoring in child development and parents of children enrolled in the campus child development center. It partially fulfills	Dist. Ed Proposed For
the specialization requirements for the State of California Master Teacher Permit.	College(s): Miramar
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

### Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education

165 Children With Special Needs	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
This course is a survey of education for children with special needs. Emphasis is placed	Approved
on the types and characteristics of special needs as well as on the methods for	II
integrating children with special needs into inclusive educational settings. Topics	Proposed for College(s): Mesa
include the history of special education legislation, current educational compliance	1 8()
requirements and community resources available to parents, teachers and other	<b>Originating Campus:</b> MESA
professionals. This course is designed for professionals and parents who work with	
children with special needs. This course partially fulfills the specialization requirement	Dist. Ed Proposed For
for the State of California Master Teacher Permit.	College(s): Mesa
FIELD TRID DECUIDEMENTS, March a march	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU.	

#### Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education

176 Principles of Infant-Toddler Caregiving	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
This course is a study of the principles of infant-toddler care, including all aspects of	Approved
infant and toddler development. Emphasis is placed on planning appropriate indoor and	
outdoor curriculum and environments. Topics include health, nutrition, and safety for	Proposed for College(s): Mesa
the very young as well as licensing regulations, staff interactions, parent participation,	
and program development. This course meets State of California Title 22 licensing	<b>Originating Campus: MESA</b>
regulations for teachers in infant-toddler settings and fulfills the infant-toddler specialization requirement for the State of California Master Teacher Permit when taken	
in addition to CHIL 175. It is intended for students majoring in child development,	Dist. Ed Proposed For
parents, or those interested in infant-toddler care.	College(s): Mesa
parents, or mose interested in infant-toddier care.	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

### Subject: Child Development (CHIL) Discipline: Child Development/Early Childhood Education, Counseling

270 Work Experience	Offered At: City, Mesa, Miramar
60 - 300 hours other, 1-4 units	-
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
This course is for Child Development students to acquire on-the-job training within an	Approved
early care and education facility and partially fulfills State of California Permit and	Proposed for College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Originating Campus: MESA
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Dist. Ed Proposed For College(s): Mesa
	Effective: Fall 2020

### Subject: Communication Studies (COMS) Discipline: Communication Studies

101 Voice and Articulation	Offered At: City, Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Speech Communications 101. This course is designed to improve vocal production and the articulation, enunciation, and	Proposed for College(s): Mesa
pronunciation of words. Emphasis is placed on sound production, voice quality, volume, pitch and expressiveness. This course is intended for communications studies majors and	<b>Originating Campus: MESA</b>
anyone involved in theatre, sales, public services or other professions.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Communication Studies (COMS) Discipline: Communication Studies

103 Oral Communication	Offered At: Mesa, Miramar, City
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance
	Learning - No Other Action
<b>REQUISITES:</b> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Approved
Snoosh Communications 102	Proposed for College(s): Miramar
and without visual aids. This course is designed for Communication Studies majors and	Originating Campus: MIRAMAR
	Dist. Ed Revision Proposed For College(s): Miramar
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	Effective: Fall 2020

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

### Subject: Communication Studies (COMS) Discipline: Communication Studies

103 Oral Communication	Offered At: Mesa, Miramar, City
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance
	Learning - No Other Action
<b>REQUISITES:</b> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Approved
Speech Communications 103. This course is an introduction to speechmaking. Emphasis is placed on the skills required	Proposed for College(s): Mesa
to organize and deliver various types of speeches. Students give several speeches with and without visual aids. This course is designed for Communication Studies majors and	Originating Campus: MESA
for students interested in honing their speech skills.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Communication Studies (COMS)

48 - 54 hours lecture, 3 unit	
	s
Grade Onl	y Action(s) Proposed: Distance
	Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Communication Studies 103 with a grade of "C" or better, or equivalent.	
<i>imitation on Enrollment:</i> This course is not open to students with previous credit for	Proposed for College(s): Mesa
peech Communications 104.	i i i i i i i i i i i i i i i i i i i
his course covers theory, practice and critical analysis of public communication,	<b>Originating Campus: MESA</b>
ncluding speeches on subjects of current interest both local and global. It includes an	
ntroduction to the relationship between rhetorical theory and criticism and rhetorical	Dist. Ed Proposed For
ractice in public communication. Special emphasis is placed on advanced platform	College(s): Mesa
peaking and limited preparation speaking. This course is designed for students majoring	
n communication studies and students interested in advancing fundamental speech skills	• Effective: Fall 2020
TELD TRIP REQUIREMENTS: May be required	
IELD INIT REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC	
ransfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Communication Studies (COMS) Discipline: Communication Studies

111 Oral Interpretation	Offered At: Mesa, City
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance
	Learning - No Other Action
<b>REQUISITES:</b> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Approved
Speech Communications 111. This course is a practical study of the art of oral interpretation. Emphasis is placed on	Proposed for College(s): Mesa
developing a foundation for critical analyses of literature in order to enhance spoken interpretation of prose, poetry, dramatic monologue and duo. This course is designed for	Originating Campus: MESA
communication studies and drama majors as well as anyone interested in improving their	Dist. Ed Proposed For
oratory skills.	College(s): Mesa
FIELD TRIP REQUIREMENTS: Not required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Communication Studies (COMS) Discipline: Communication Studies

117A Intercollegiate Forensics	Offered At: Mesa
48 - 162 hours lab, 1-3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance
	Learning - No Other Action
REQUISITES:	Approved
Limitation on Enrollment: Tryout or Audition.	
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Speech Communications 117A.	
This course is for students participating in their first semester of intercollegiate forensics	<b>Originating Campus: MESA</b>
(speech and debate) competition. Emphasis is placed on the preparation of platform	
speeches (informative, persuasive and after-dinner) at the novice intercollegiate level.	Dist. Ed Proposed For
Students taking the course for one unit participate in one event at one tournament; for two	College(s): Mesa
units, two events at two tournaments; for three units three events at three tournaments.	
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Communication Studies (COMS) Discipline: Communication Studies

117B Intercollegiate Forensics	Offered At: Mesa
48 - 162 hours lab, 1-3 units	
Letter Grade or Pass/No Pass Option	
	Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Communication Studies 117A with a grade of "C" or better, or equivalent.	II
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Speech Communications 117B. Tryout or Audition.	
This course is for students participating in their second semester of intercollegiate	<b>Originating Campus:</b> MESA
forensics (speech and debate) competition. Emphasis is placed on the preparation of oral	
interpretation events (poetry, prose, dramatic interpretation, dramatic-duo, informative,	Dist. Ed Proposed For
persuasive, after-dinner, program of oral interpretation, impromptu and extemporaneous speeches) at the novice to junior intercollegiate level. Students taking the course for one	College(s): Mesa
unit participate in one event at one tournament; for two units, two events at two	
tournaments; for three units three events at three tournaments.	Effective: Fall 2020
tournaments, for timee times timee events at timee tournaments.	
FIELD TRIP REQUIREMENTS: Required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Communication Studies (COMS) Discipline: Communication Studies

117C Intercollegiate Forensics	Offered At: Mesa
48 - 162 hours lab, 1-3 units	
Letter Grade or Pass/No Pass Option	
	Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Communication Studies 117B with a grade of "C" or better, or equivalent.	II ····
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Speech Communications 117C. Tryout or Audition.	
This course is for students participating in their third semester of intercollegiate forensics	<b>Originating Campus:</b> MESA
(speech and debate) competition. Emphasis is placed on limited preparation speech	
events (impromptu and extemporaneous) and debate at the intermediate to advanced	Dist. Ed Proposed For
level. Students taking the course for one unit participate in one event at one tournament;	College(s): Mesa
for two units, two events at two tournaments; for three units, three events at three	
tournaments.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
FIELD INIT REQUIREMENTS; Required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

### Subject: Communication Studies (COMS) Discipline: Communication Studies

117D Intercollegiate Forensics	Offered At: Mesa
48 - 162 hours lab, 1-3 units	
Letter Grade or Pass/No Pass Option	
	Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Communication Studies 117C with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Speech Communications 117D: Tryout or Audition.	-Frank
This course is for students participating in their fourth semester of intercollegiate	<b>Originating Campus: MESA</b>
forensics (speech and debate) competition. Emphasis is placed on the preparation of five	0 0 1
(pentathlon) speech events, debate and team leadership at the advanced level. Students	Dist. Ed Proposed For
taking the course for one unit participate in one event at one tournament; for two units,	College(s): Mesa
two events at two tournaments; for three units, three events at three tournaments.	
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Communication Studies (COMS) Discipline: Communication Studies

135 Interpersonal Communication	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	-
Letter Grade or Pass/No Pass Option	
	Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	II ····
Speech Communications 135.	Proposed for College(s): Mesa
This course is a study of effective interpersonal skill development and practice in oral and	
written communication. Emphasis is placed on the personal, situational, and cultural	<b>Originating Campus:</b> MESA
influences of interaction. Topics include human perception, interpersonal dynamics,	
listening, conflict management, and verbal and nonverbal symbol systems. The course is	Dist. Ed Proposed For
intended for students who communicate in one-on-one situations, including	College(s): Mesa
communication, fashion, allied health, public service, and business majors as well as	
those interested in further development of effective interpersonal skills in work,	Effective: Fall 2020
volunteer, and personal environments.	
FIELD TRIP REQUIREMENTS: May be required	
FIELD INIT REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List.	
Schern Education. CC Transfer Course Elst.	

### Subject: Communication Studies (COMS) Discipline: Communication Studies

135 Interpersonal Communication	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	
Speech Communications 135.	Proposed for College(s): Miramar
This course is a study of effective interpersonal skill development and practice in oral	
and written communication. Emphasis is placed on the personal, situational, and	<b>Originating Campus: MIRAMAR</b>
cultural influences of interaction. Topics include human perception, interpersonal dynamics, listening, conflict management, and verbal and nonverbal symbol systems.	
The course is intended for students who communicate in one-on-one situations,	Dist. Ed Revision Proposed For
including communication, fashion, allied health, public service, and business majors as	College(s): Miramar
well as those interested in further development of effective interpersonal skills in work,	
volunteer, and personal environments.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List. CSU General Education.	

## Subject: Communication Studies (COMS) Discipline: Communication Studies

160 Argumentation	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	-
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Communication Studies 103 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 Speech Communications 160.	Proposed for College(s): Mesa
This course is a study of argumentation. Emphasis is placed on research, analysis of propositions, testing of evidence, construction of the brief, and preparation for	<b>Originating Campus: MESA</b>
presentation of constructive and refutation cases. This course is designed for communications studies majors and anyone interested in argumentation and debate.	Dist. Ed Proposed For
	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

### Subject: Communication Studies (COMS) Discipline: Communication Studies

170 Small Group Communication	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Communication Studies 103 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	<b>Proposed for College(s):</b> Mesa
Speech Communications 170.	
This course is a study of the concepts and theories related to group formation and	<b>Originating Campus: MESA</b>
development, and basic group communication dynamics. Students lead and participate in various forms of group discussion. This course is designed for communication	
studies and business majors as well as for anyone interested in working effectively in	Dist. Ed Proposed For
small group settings.	College(s): Mesa
sindi group settings.	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

#### Subject: Communication Studies (COMS) Discipline: Communication Studies

170 Small Group Communication	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> Communication Studies 103 with a grade of "C" or better, or equivalent.	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Speech Communications 170.	Proposed for College(s): Miramar
This course is a study of the concepts and theories related to group formation and development, and basic group communication dynamics. Students lead and participate	Originating Campus: MIRAMAR
in various forms of group discussion. This course is designed for communication studies and business majors as well as for anyone interested in working effectively in small group settings.	Dist. Ed Proposed For College(s): Miramar
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Communication Studies (COMS) Discipline: Communication Studies

180 Intercultural Communication	Offered At: City, Mesa, Miramar
	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Speech Communications 180. This course is a study of communication between members of differing cultures,	<i>Approved</i> Proposed for College(s): Mesa
including the influence of cultures, languages, and social patterns on how members of groups relate among themselves and with members of different ethnic and cultural groups. Topics include social psychological variables; verbal and nonverbal language systems; cross-cultural communication breakdowns; and conflict resolution. Students apply the principles of intercultural communication to contemporary cross-cultural and	Originating Campus: MESA Dist. Ed Proposed For College(s): Mesa
global communication issues. This course is designed for students majoring in communication studies or other fields that require cross-cultural contact and/or awareness of cultural distinctions.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. UC Transfer Course List.	

#### Subject: Dental Assisting (DENA) Discipline: Dental Technology

54L Basic Dental Assisting Lab	Offered At: Mesa
96 - 108 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Dental Assisting 54.	
<i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Dental Assisting 122L or Dental	Proposed for College(s): Mesa
Assisting 124L.	Originating Campus: MESA
This basic dental assisting laboratory course allows for the practical application of chairside dental assisting techniques in restorative dentistry. Emphasis is placed on the manipulation and delivery of restorative materials, sterilization procedures, and the preparation of dental instruments and the treatment room. Topics also include the care	Dist. Ed Proposed For College(s): Mesa
and preventive maintenance of equipment used in restorative dentistry, team positioning, four- and six-handed dentistry, moisture control, placing and removing a	Effective: Fall 2020
dental dam, matrices, vital signs and overall patient handling. This course is for students	
who have been admitted to the Dental Assisting Program.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

### Subject: Dental Assisting (DENA) Discipline: Dental Technology

58L Preventive Dental Care Lab	Offered At: Mesa
24 - 27 hours lab, 0.5 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Dental Assisting 58 and Dental Assisting 83A.	11
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Dental Assisting 104, Dental Assisting 103L or Dental Assisting 53L.	Proposed for College(s): Mesa
<i>Limitation on Enrollment:</i> Special Admission - must be admitted to program.	<b>Originating Campus:</b> MESA
This laboratory course is a practical application of preventive dental care, including an	Originating Campus. WESA
analysis of personal/patient nutrition and nutritional counseling. Emphasis is placed on	Dist. Ed Proposed For
a plaque control program using a variety of oral hygiene products and patient education	College(s): Mesa
strategies. Students perform fluoride treatments, use a variety of caries detection	
devices and perform caries risk assessments. This course is for students who have been admitted to the Dental Assisting Program.	Effective: Fall 2020
aumueu to the Dental Assisting Program.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.	

#### Subject: Dental Assisting (DENA) Discipline: Dental Technology

083A Directed Clinical Practice       Offered At: Mesa         72 - hours other, 1.5 units       Grade Only         Grade Only       Action(s) Proposed: Distance Learn         - No Other Action       - No Other Action         Prerequisite: Dental Assisting 50 with a grade of "C" or better, or equivalent.       Approved
Grade Only Action(s) Proposed: Distance Learn - No Other Action REQUISITES: Approved
- No Other Action <b>REQUISITES:</b> - No Other Action
REQUISITES: Approved
Prerequisite: Dental Assisting 50 with a grade of "C" or better, or equivalent
Trerequisite. Dental Assisting 50 with a grade of C of better, of equivalent.
Corequisite: Completion of or concurrent enrollment in: Dental Assisting 54L, Proposed for College(s): Mesa
Dental Assisting 58L, Dental Assisting 117L, each with a grade of "C" or better, or
equivalent. Originating Campus: MESA
Limitation on Enrollment: Special Admission - must be admitted to program. This
course is not open to students with previous credit for Dental Assisting 185A or Dental <b>Dist. Ed Proposed For</b>
Assisting 186A or Dental Assisting 86A. College(s): Mesa
This course is designed for students in the Dental Assisting program to gain experience
in directed clinical practice (DCP) in a dental clinic. Basic dental assisting is the main Effective: Fall 2020
focus of this course. Support procedures include: infection control, preparing treatment
rooms and patients for treatment, and assisting in restorative chairside procedures using
four and six-handed dentistry. The dental assisting student will also have the
opportunity to manipulate a variety of dental materials. The DCP is coordinated by a
member of the college faculty. Supervision of the student is shared by the staff of the
affiliating institution and faculty from the Dental Assisting Program. Students may not
be paid for DCP. This course is for students who have been admitted to the Dental
Assisting Program.
FIELD TRIP REQUIREMENTS: May be required
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.

\*Requires Board of Trustees approval prior to implementation

### Subject: Dental Assisting (DENA) Discipline: Dental Technology

117L Dental Materials - Lab	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Corequisite: Dental Assisting 117.	
<i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Dental Assisting 116L.	Proposed for College(s): Mesa
This course provides dental assisting students with the opportunity to manipulate a variety of dental materials commonly used in modern dentistry. Students practice proper	<b>Originating Campus: </b> MESA
and handling dimension and manipulation to be investigation of material measured. This	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Dental Assisting (DENA) Discipline: Dental Technology

129L Dental Radiography Lab	Offered At: Mesa
24 - 27 hours lab, 0.5 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Dental Assisting 129.	II
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Dental Assisting 125 or Dental Assisting 127L or Dental Assisting 128L.	Proposed for College(s): Mesa
<i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This is a laboratory course in which the dental assisting student demonstrates radiation	<b>Originating Campus:</b> MESA
protective techniques, caring for dental x-ray equipment, exposing, processing, mounting, and evaluating dental radiographs using infection control techniques. Exposures are accomplished using dental film and digital imaging on manikins	Dist. Ed Proposed For College(s): Mesa
(DXTTR) in preparation for exposures on human patients. The student identifies anatomical landmarks and basic caries as well as periodontal disease processes on intra-	Effective: Fall 2020
oral and extra-oral radiographs with beginning level competence. The student obtains a	
set of full mouth radiographs on a human patient. This course is for students who have	
been admitted to the Dental Assisting Program.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

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

70 Digital Video Production for the Dramatic Arts	Offered At: Mesa
<b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units</b>	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Advisory:</i> Dramatic Arts 112 and Dramatic Arts 119, each with a grade of "C" or better, or equivalent. This course is an introduction to digital video as it relates to the Drama. Emphasis is	Proposed for College(s): Mesa
placed on the skills necessary to work in front of the camera and on the technical aspects of digital video production as it relates to the creation of a portfolio reel. This	<b>Originating Campus:</b> MESA
course is designed for Drama majors interested in creating a reel for employment	Dist. Ed Proposed For
purposes.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

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

Offered At: Mesa
Action(s) Proposed: Distance Learning
- No Other Action
Approved
Proposed for College(s): Mesa
Originating Campus: MESA
Dist. Ed Proposed For College(s): Mesa
Effective: Fall 2020

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

100A Fundamentals of Performance and Production I	Offered At: Mesa
192 - 216 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Dramatic Arts 104A.	
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	<b>Proposed for College(s):</b> Mesa
or equivalent or Milestone R50 and W50.	
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	<b>Originating Campus: MESA</b>
Dramatic Arts 101.	
This hands-on course focuses on beginning acting skills, scenic design and construction	Dist. Ed Proposed For
techniques, and theatrical production. Students participate in all aspects of theatrical production through a college theatre company. This course is designed for first-year	College(s): Mesa
dramatic arts majors.	
dramatic arts majors.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
The Frank Regeneration in the required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

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

100B Fundamentals of Performance and Production II	Offered At: Mesa
192 - 216 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Dramatic Arts 104B.	11
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	Proposed for College(s): Mesa
or equivalent or Milestone R50 and W50.	1 0()
Limitation on Enrollment: This course is not open to students with previous credit for	<b>Originating Campus:</b> MESA
Dramatic Arts 102.	
This hands-on course focuses on beginning acting skills, lighting design and the	Dist. Ed Proposed For
technical aspects of lighting for the stage, and theatrical production. Students participate	College(s): Mesa
in all aspects of theatrical production through a college theatre company. This course is	
designed for first-year dramatic arts majors.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
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TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

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

104A Theatre Company Performance I	Offered At: Mesa
48 - 108 hours lab, 1-2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Corequisite: Dramatic Arts 100A.	-FF
This course is an introduction to the performance process of a college theatre company production. Emphasis is placed the introduction of the artistic process including, work	Proposed for College(s): Mesa
ethic, collaboration, and execution of assigned duties throughout all phases of the performance. This course is intended for students majoring in drama. Unit value for this	<b>Originating Campus:</b> MESA
course is determined by the given role.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: Not required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	Effective: Fall 2020
Transfer Course List.	

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

104B Theatre Company Performance II	Offered At: Mesa
48 - 108 hours lab, 1-2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Corequisite:</i> Dramatic Arts 100B. This course is the second level of the performance process of a college theatre company production. Emphasis is placed on the development of the artistic process within the	Proposed for College(s): Mesa
theatrical performance. This course is intended for students majoring in drama. Unit value for this course is determined by the given role.	<b>Originating Campus: MESA</b>
FIELD TRIP REQUIREMENTS: Not required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

### Subject: Dramatic Arts (DRAM) Discipline: Broadcasting Technology, or Drama/Theater Arts

119 Acting for Film and Television	Offered At: City, Mesa
32 - 36 hours lecture, 48 - 54 hours lab, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	
or equivalent or Milestone R50 and W50; Dramatic Arts 132 with a grade of "C" or	Proposed for College(s): Mesa
better, or equivalent.	
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Originating Campus: MESA
Radio and Television 119 or Radio Television, and Film 119 or Dramatic Arts 265 or	
Radio, Television, and Film 265.	Dist. Ed Proposed For
This course introduces students to the skills required for on-camera performing techniques as used in the motion picture and television industry. Students participate in	College(s): Mesa
the selection, rehearsal, and on-camera performance of material from television and	
motion picture scripts including drama, sitcoms, daytime dramas and commercials.	Effective: Fall 2020
Emphasis is placed on cold-reading taped audition skills, improvisational and interview	
techniques, and the fundamental acting techniques required for camera, scene, and	
monologue studies. This course is designed for theatre, television and film majors. This	
course is cross listed with Radio, Television and Film (RTVF) 119.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

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

132 Beginning Acting	Offered At: City, Mesa
	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Dramatic Arts 131A. This course is a beginning level study, practice and execution of the fundamentals of acting designed to develop a foundation in basic acting technique. Emphasis is placed	Approved Proposed for College(s): Mesa Originating Campus: MESA
on the effective communication of ideas and emotions by a dramatic character to audience. Topics include staging techniques, improvisation, theater games, scenes, monologues, stage movement, and an introduction to the lexicon of acting for theater. This course is intended for students who are interested in developing basic acting techniques.	Dist. Ed Proposed For College(s): Mesa Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Dramatic Arts (DRAM)

133 Intermediate Acting	Offered At: City, Mesa
32 - 36 hours lecture, 48 - 54 hours lab, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Dramatic Arts 132 with a grade of "C" or better, or equivalent.	11
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Dramatic Arts 131B.	
This course is an intermediate level study of the fundamentals of acting. Emphasis is	Originating Campus: MESA
placed on the use of scene work as a tool for sharpening the actor's skill. Students work	
on scenes by a variety of playwrights as they increase vocal, physical and emotional	Dist. Ed Proposed For
flexibility as well as their stage presence. This course is designed for students majoring in Drama and anyone interested in honing their acting skill.	College(s): Mesa
in Drama and anyone interested in noning their acting skin.	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
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TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

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

200A Fundamentals of Performance and Production III	Offered At: Mesa
192 - 216 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Dramatic Arts 100A, and Dramatic Arts 100B, each with a grade of "C"	II
or better, or equivalent.	Proposed for College(s): Mesa
Corequisite: Dramatic Arts 204A.	
Limitation on Enrollment: This course is not open to students with previous credit for	<b>Originating Campus:</b> MESA
Dramatic Arts 201.	originating campust miller
This hands-on course focuses on intermediate acting skills and costume design and	Dist. Ed Proposed For
construction, and theatrical production. Students participate in all aspects of theatrical	College(s): Mesa
production through a college theatre company. This course is designed for second-year	
dramatic arts majors.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TDANGEED ADDI ICADII ITV. Associate Desere Cardit & terreforte CSU UC	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

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

200B Fundamentals of Performance and Production IV	Offered At: Mesa
192 - 216 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Dramatic Arts 100A and Dramatic Arts 100B, each with a grade of "C" or	**
better, or equivalent.	Proposed for College(s): Mesa
Corequisite: Dramatic Arts 204B.	
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	<b>Originating Campus: MESA</b>
Dramatic Arts 202.	
This hands-on course focuses on intermediate acting skills, theatrical management, and	Dist. Ed Proposed For
theatrical production. Students participate in all aspects of theatrical production through a college theatre company. This course is designed for second-year dramatic arts	College(s): Mesa
majors.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
THED THE RECORDINENTS. May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

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

204A Theatre Company Performance III	Offered At: Mesa
48 - 108 hours lab, 1-2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Dramatic Arts 200A.	
This course is the third level of the performance process of a college theatre company	<b>Proposed for College(s):</b> Mesa
production. Emphasis is placed on the ability to model the artistic process within the	
practice of theatrical performance. This course is intended for students majoring in	<b>Originating Campus:</b> MESA
drama. Unit value for this course is determined by the given role.	
	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: Not required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	Effective: Fall 2020
Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

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

204B Theatre Company Performance IV	Offered At: Mesa
48 - 108 hours lab, 1-2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Dramatic Arts 200B.	
This course is the fourth level of the performance process of a college theatre company production. Emphasis is placed on the ability to lead the artistic process within the	Proposed for College(s): Mesa
practice of theatrical performance. This course is intended for students majoring in drama. Unit value for this course is determined by the given role.	<b>Originating Campus:</b> MESA
FIELD TRIP REQUIREMENTS: Not required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

### Subject: Economics (ECON) Discipline: Economics

220 Economics of the Environment	Offered At: Mesa, City
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better,	Approved
or equivalent or Milestone M30.	Proposed for College(s): Mesa
This course is a study of major environmental issues from an economics perspective. Emphasis is placed on resource management. Market and government responses are	<b>Originating Campus:</b> MESA
evaluated and analyzed. International response to major environmental issues are explored. This course is designed for students interested in majoring in economics, sustainability, environmental science, political science, international studies, or related	Dist. Ed Proposed For College(s): Mesa
majors.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC. UC Transfer Course List. CSU General Education.	

\*Requires Board of Trustees approval prior to implementation

### Subject: English Language Acquisition (ELAC) Discipline: ESL

15 Introduction to English Literacy and Communication	Offered At: Mesa, City, Miramar
144 - 162 hours lecture, 9 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Mathematics 46 or Milestone M30 Assessment Skill Level L19. Students are	
advised to take the ELAC placement test prior to enrollment and perform at L19.	<b>Proposed for College(s):</b> Mesa
Limitation on Enrollment: This course is not open to students with previous credit for	g-((-)
English 7, English 58, English for Speakers of Other Languages 19, or English for	Originating Campus: MESA
Speakers of Other Languages 19A.	5 5 F
This course provides non-native English speakers with the skills to integrate reading,	Dist. Ed Proposed For
writing, grammar, and oral communication at the low-intermediate level. Emphasis is	College(s): Mesa
placed on comprehending, summarizing, and interpreting audio and written texts as	
well as expressing one's own thoughts and opinions. Topics include communicating in	Effective: Fall 2020
an academic setting, applying critical reading strategies, writing paragraphs and short	
compositions in a variety of genres, as well as analyzing and producing grammatical	
structures in context. This course is intended for non-native speakers of English	
preparing for college-level coursework.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Not applicable to the Associate Degree.	

#### Subject: English Language Acquisition (ELAC) Discipline: ESL

16 Accelerated English Language Acquisition - Low-Intermediate Level	Offered At: City, Mesa, Miramar
32 - 36 hours lecture, 2 units	
Pass/No Pass	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: English Language Acquisition 15 or Milestone L20 Note: Concurrent	2 ippi oveu
enrollment in English Language Acquisition15 is required. Assessment Skill Level L20	Proposed for Collogo(s), Mass
is not required.	Proposed for College(s): Mesa
This course is intended for students who are currently enrolled in English Language	Originating Commune MESA
Acquisition 15 and who desire additional support or more advanced reading, writing,	<b>Originating Campus:</b> MESA
and grammar activities. Emphasis is placed on deeper learning and understanding of	D' ( FID IF
English Language Acquisition 15 course content and producing more rigorous	Dist. Ed Proposed For
assignments. The course consists of personalized instruction and peer review to revise	College(s): Mesa
and expand upon the length and complexity of assignments in English Language	
Acquisition 15.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
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TRANSFER APPLICABILITY: Not applicable to the Associate Degree.	
INAUSPER ATTELEADIETT. Not applicable to the Associate Degree.	

### Subject: English Language Acquisition (ELAC) Discipline: ESL

23 Academic Listening and Speaking I	Offered At: Mesa, Miramar, City
96 - 108 hours lecture, 6 units Letter Crode or Pass (No Pass Option	Action(s) Proposed: Distance Learning
Letter Grade of Fass/No Fass Option	- No Other Action
<i>Prerequisite:</i> English Language Acquisition 15 with a grade of "C" or better, or	Approved
equivalent or Milestone L20. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Proposed for College(s): Mesa
English for Speakers of Other Languages 22. This course provides non-native English speakers with academic listening and speaking	<b>Originating Campus:</b> MESA
skills at the intermediate level. Emphasis is placed on developing accuracy and fluency in oral communication skills as well as understanding and responding to audio texts from a variety of genres. This course is intended for non-native speakers of English	Dist. Ed Proposed For College(s): Mesa
preparing for college-level coursework.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Not applicable to the Associate Degree.	

#### Subject: English Language Acquisition (ELAC) Discipline: ESL

25 Integrated Reading, Writing, and Grammar I	Offered At: City, Mesa, Miramar
96 - 108 hours lecture, 6 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: English Language Acquisition 15 with a grade of "C" or better, or	
equivalent or Milestone L20.	Proposed for College(s): Mesa
Limitation on Enrollment: This course is not open to students with previous credit for	
English 8; English 60; or English for Speakers of Other Languages 20 + English for	<b>Originating Campus:</b> MESA
Speakers of Other Languages 21.	
This course provides non-native English speakers with the skills to integrate reading,	Dist. Ed Proposed For
writing, and grammar at the intermediate level. Emphasis is placed on applying critical	College(s): Mesa
reading strategies to a variety of genres, writing paragraph and multi-paragraph	
compositions based on assigned readings, and analyzing and producing grammatical	Effective: Fall 2020
structures in context. This course is intended for non-native speakers of English	
preparing for college-level coursework.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Not applicable to the Associate Degree.	

### Subject: English Language Acquisition (ELAC) Discipline: ESL

26 Accelerated English Language Acquisition - Intermediate Level 32 - 36 hours lecture, 2 units	Offered At: City, Mesa, Miramar
Pass/No Pass	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Corequisite:</i> English Language Acquisition 25.	Approved
This course is intended for students who are currently enrolled in English Language Acquisition 25 and who desire additional support or more advanced reading, writing,	Proposed for College(s): Mesa
and grammar activities. Emphasis is placed on deeper learning and understanding of English Language Acquisition 25 course content. The course consists of personalized	<b>Originating Campus:</b> MESA
instruction and peer review to revise and expand upon the length and complexity of assignments in English Language Acquisition 25.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Not applicable to the Associate Degree.	

#### Subject: English Language Acquisition (ELAC) Discipline: ESL

35 Integrated Reading, Writing and Grammar II	Offered At: City, Mesa, Miramar
96 - 108 hours lecture, 6 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: English Language Acquisition 25 with a grade of "C" or better, or	
equivalent or Milestone L30.	<b>Proposed for College(s):</b> Mesa
Limitation on Enrollment: This course is not open to students with previous credit for	roposed for conege(s). Mesu
English 9; English 6; or English for Speakers of Other Languages 30 + English for	<b>Originating Campus: MESA</b>
Speakers of Other Languages 31.	originating campust titlerr
This course provides non-native English speakers with the skills to integrate reading,	Dist. Ed Proposed For
writing, and grammar at the high-intermediate level. Emphasis is placed on applying	College(s): Mesa
critical reading strategies to a variety of genres, writing multi-paragraph compositions	
(including introduction of the academic essay) based on assigned readings and other	Effective: Fall 2020
sources, and analyzing and producing grammatical structures in context. This course is	
intended for non-native speakers of English preparing for college-level coursework.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Not applicable to the Associate Degree.	

## Subject: Emergency Medical Technician (EMGM) Discipline: Emergency Medical Technologies

50A CPR for Health Care Providers	Offered At: Miramar
8 - 16 hours lab, 0.1 units	
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

#### Subject: Emergency Medical Technician (EMGM) Discipline: Emergency Medical Technologies

105A Emergency Medical Technician - National Registry	Offered At: Miramar
96 - 108 hours lecture, 48 - 54 hours lab, 7 units	
	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Completion of or concurrent enrollment in Emergency Medical	<i>hpp:07cu</i>
Technician 106 with a grade of "C" or better, or equivalent.	<b>Proposed for College(s):</b> Miramar
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or	roposed for conege(s). Withanian
better, or equivalent or Milestone R50 and W50.	<b>Originating Campus: MIRAMAR</b>
Limitation on Enrollment: This course is not open to students with previous credit for	Originating Campus. WIIGAWAR
Fire Protection Technology 130 or Emergency Medical Technician 105.	Dist. Ed Proposed For
Limitation on Enrollment: Health and Safety. Students must have a current Healthcare	College(s): Miramar
Provider Level CPR Card, immunization record, and a current TB test within 30 days	
of course start.	Effective: Fall 2020
This course covers the techniques of emergency medical care and transportation of the	
sick and injured within the responsibilities of the Emergency Medical Technician	
(EMT). The course content is based upon the State of California Emergency Medical	
Services (EMS) Authority requirements referenced in Title 22, Division 9, Chapter 2,	
Article L of the California Administrative Code. Course approval is with the San Diego	
County Emergency Medical Services. Upon successful completion, the student will be	
eligible to take the National Registry EMT Cognitive Examination for Emergency	
Medical Technician. This course is intended for students preparing for a career as an	
EMT, paramedic, firefighter, nurse, physician assistant, or medical doctor.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	
TRANSFER AT ENCADED IT, Associate Degree Creat & traisfer to C50.	

### Subject: Emergency Medical Technician (EMGM) Discipline: Emergency Medical Technologies

296 Individualized Instruction in Emergency Medical Technology 48 - 54 hours lab, 1 units	Offered At: Miramar
· · · · · · · · · · · · · · · · · · ·	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Corequisite:</i> Emergency Medical Technician 105A or Emergency Medical Technician 350.	Approved
This course provides supplemental instruction to reinforce achievement of the learning	Proposed for College(s): Miramar
objectives of a course in the same discipline under the supervision of an instructor for the designated course. Learning activities may employ a variety of self-paced multimedia learning systems, language labs, print and electronic resources, laboratory,	<b>Originating Campus:</b> MIRAMAR
or field research arrangements, to assist students in reaching specific learning objectives. This open entry/open exit course is offered concurrently with designated	<b>Dist. Ed Proposed For</b> <b>College(s):</b> Miramar
courses. This course is intended for students currently enrolled in a related course or preparing for a licensing or certification exam.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Emergency Medical Technician (EMGM) Discipline: Emergency Medical Technologies

<ul> <li>8 - 9 hours lecture, 24 - 27 hours lab, 1 units Grade Only</li> <li>REQUISITES: Prerequisite: Emergency Medical Technician 105A with a grade of "C" or better, or equivalent EMT certificate. Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50. Limitation on Enrollment: Health and Safety. Students must possess a current Basic</li> </ul>		
Grade OnlyAction(s) Proposed: Distance Learning - No Other ActionREQUISITES: Prerequisite: Emergency Medical Technician 105A with a grade of "C" or better, or equivalent EMT certificate. Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50. Limitation on Enrollment: Health and Safety. Students must possess a current Basic Life Support card for Healthcare Provider. This 32-hour non-associate degree course provides San Diego County certified Emergency Medical Technician-1 Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations. Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies, emergency childbirth; behavioral emergencies, ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians.Action(Approved) Proposed for College(s): Miramar 	350 Recertification Course for San Diego County EMT	
<ul> <li>REQUISITES: Prerequisite: Emergency Medical Technician 105A with a grade of "C" or better, or equivalent EMT certificate. Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50. Limitation on Enrollment: Health and Safety. Students must possess a current Basic Life Support card for Healthcare Provider. This 32-hour non-associate degree course provides San Diego County certified Emergency Medical Technician-1 Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations. Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians.</li> <li>FIELD TRIP REQUIREMENTS: May be required</li> </ul>		
<ul> <li>REQUISITES:</li> <li>Prerequisite: Emergency Medical Technician 105A with a grade of "C" or better, or equivalent EMT certificate.</li> <li>Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50.</li> <li>Limitation on Enrollment: Health and Safety. Students must possess a current Basic Life Support card for Healthcare Provider.</li> <li>This 32-hour non-associate degree course provides San Diego County certified Emergency Medical Technician-1 Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations.</li> <li>Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies.</li> <li>Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians.</li> <li>FIELD TRIP REQUIREMENTS: May be required</li> </ul>	Grade Only	Action(s) Proposed: Distance Learning -
<ul> <li>Prerequisite: Emergency Medical Technician 105A with a grade of "C" or better, or equivalent EMT certificate.</li> <li>Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50.</li> <li>Limitation on Enrollment: Health and Safety. Students must possess a current Basic Life Support card for Healthcare Provider.</li> <li>This 32-hour non-associate degree course provides San Diego County certified Emergency Medical Technician-1 Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations. Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians.</li> <li>FIELD TRIP REQUIREMENTS: May be required</li> </ul>		No Other Action
<ul> <li><i>Prerequisite:</i> Emergency Medical Technician 105A with a grade of "C" or better, or equivalent EMT certificate.</li> <li><i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50.</li> <li><i>Limitation on Enrollment:</i> Health and Safety. Students must possess a current Basic Life Support card for Healthcare Provider.</li> <li>This 32-hour non-associate degree course provides San Diego County certified Emergency Medical Technician-1 Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations. Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians.</li> <li>FIELD TRIP REQUIREMENTS: May be required</li> </ul>	REQUISITES:	Approved
<ul> <li>Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50.</li> <li>Limitation on Enrollment: Health and Safety. Students must possess a current Basic Life Support card for Healthcare Provider.</li> <li>This 32-hour non-associate degree course provides San Diego County certified Emergency Medical Technician-1 Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations. Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians.</li> <li>FIELD TRIP REQUIREMENTS: May be required</li> </ul>	Prerequisite: Emergency Medical Technician 105A with a grade of "C" or better, or	
<ul> <li>Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50.</li> <li>Limitation on Enrollment: Health and Safety. Students must possess a current Basic Life Support card for Healthcare Provider.</li> <li>This 32-hour non-associate degree course provides San Diego County certified Emergency Medical Technician-1 Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations.</li> <li>Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies.</li> <li>Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians.</li> <li>FIELD TRIP REQUIREMENTS: May be required</li> </ul>	equivalent EMT certificate.	Proposed for College(s). Miramar
<ul> <li>Limitation on Enrollment: Health and Safety. Students must possess a current Basic Life Support card for Healthcare Provider.</li> <li>This 32-hour non-associate degree course provides San Diego County certified Emergency Medical Technician-1 Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations. Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations, triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians.</li> <li>FIELD TRIP REQUIREMENTS: May be required</li> </ul>	Advisory: English 47A or English 48 and English 49, each with a grade of "C" or	roposed for Conege(s). Windhar
<ul> <li>Limitation on Enrollment: Health and Safety. Students must possess a current Basic</li> <li>Life Support card for Healthcare Provider.</li> <li>This 32-hour non-associate degree course provides San Diego County certified</li> <li>Emergency Medical Technician-1 Basic students a review of didactic knowledge and</li> <li>practical skills required to recertify, in compliance with State of California regulations.</li> <li>Topics include a review of current San Diego Emergency Medical Service (EMS)</li> <li>treatment guidelines; anatomy; patient assessment; recognition and treatment of life</li> <li>threatening emergencies; emergency childbirth; behavioral emergencies; ambulance</li> <li>operations; triage; and disaster scene management and environmental emergencies.</li> <li>Upon successful completion, students are eligible to recertify through San Diego</li> <li>County Emergency Medical Services and/or the National Registry of Emergency</li> <li>Medical Technicians.</li> </ul> FIELD TRIP REQUIREMENTS: May be required	better, or equivalent or Milestone R50 and W50.	Originating Campus: MIRAMAR
This 32-hour non-associate degree course provides San Diego County certified Emergency Medical Technician-1 Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations. Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians. FIELD TRIP REQUIREMENTS: May be required	Limitation on Enrollment: Health and Safety. Students must possess a current Basic	originating Campus. Willowing it
This 32-hour non-associate degree course provides San Diego County certified Emergency Medical Technician-1 Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations. Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians. FIELD TRIP REQUIREMENTS: May be required	Life Support card for Healthcare Provider.	Dist Ed Proposed For
Emergency Medical Technician-I Basic students a review of didactic knowledge and practical skills required to recertify, in compliance with State of California regulations. Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians. FIELD TRIP REQUIREMENTS: May be required		
Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians. FIELD TRIP REQUIREMENTS: May be required		
Topics include a review of current San Diego Emergency Medical Service (EMS) treatment guidelines; anatomy; patient assessment; recognition and treatment of life threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians. FIELD TRIP REQUIREMENTS: May be required		Effective: Fall 2020
threatening emergencies; emergency childbirth; behavioral emergencies; ambulance operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians. FIELD TRIP REQUIREMENTS: May be required		
operations; triage; and disaster scene management and environmental emergencies. Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians. FIELD TRIP REQUIREMENTS: May be required		
Upon successful completion, students are eligible to recertify through San Diego County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians. FIELD TRIP REQUIREMENTS: May be required		
County Emergency Medical Services and/or the National Registry of Emergency Medical Technicians. FIELD TRIP REQUIREMENTS: May be required		
Medical Technicians. FIELD TRIP REQUIREMENTS: May be required		
FIELD TRIP REQUIREMENTS: May be required		
	Medical Technicians.	
TRANSFER APPLICABILITY: Not applicable to the Associate Degree.	FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Not applicable to the Associate Degree.		
	<b>TRANSFER APPLICABILITY:</b> Not applicable to the Associate Degree.	

### Subject: English (ENGL) Discipline: English

31 Academic Literacy	Offered At: City, Mesa, Miramar
32 - 36 hours lecture, 2 units	
Pass/No Pass	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> English Language Acquisition 45 or English Language Acquisition 145,	-TF
each with a grade of "C" or better, or equivalent or Milestone W40/R40 or	Proposed for College(s): Mesa
Corequisite: English 101 or English 105, each with Milestone R60 and W60.	
This is a course for students who have assessed into basic skills English courses and	<b>Originating Campus:</b> MESA
desire to concurrently enroll in English 101: Reading and Composition or English 105:	5 5 I
Composition and Literature. Academic Literacy creates success in English 101 or 105	Dist. Ed Proposed For
by focusing on reading, writing, and critical thinking. Students learn to articulate	College(s): Mesa
arguments, create academic identities, and build and strengthen relationships with texts,	
others, and themselves.	Effective: Fall 2020
FIELD TO DECUIDEMENTS. May be required	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Not applicable to the Associate Degree.	

## Subject: English (ENGL) Discipline: English

237 Women in Literature	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> English 101 or English 105, each with a grade of "C" or better, or equivalent	Approved
or Milestone R60 and W60. This course is an introduction to images of women in literature and to women writers.	Proposed for College(s): Mesa
Students read from a variety of genres including stories, poetry, novels, and essays, written by different authors from a range of social, cultural, and ethnic backgrounds.	Originating Campus: MESA
This course is intended for students majoring in English or anyone interested in literature.	Dist. Ed Proposed For
	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

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

### Subject: Exercise Science (EXSC) Discipline: Physical Education

124A Aerobic and Core Conditioning I	Offered At: Mesa, Miramar, City
32 - 54 hours lab, 0.5-1 units Pass/No Pass	Approved
<b>REQUISITES:</b> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Action(s) Proposed: Distance Learning - No Other Action
Physical Education 153 or Physical Education 153W. This course provides students with introductory level knowledge and practice in	Proposed for College(s): Mesa
attaining and maintaining aerobic and core conditioning fitness levels. Instruction will emphasize cardiovascular fitness as well as core fitness through individual and circuit	<b>Originating Campus: MESA</b>
training. This course is the first in a series of four aerobic and core conditioning courses. It is intended for students seeking to develop introductory physical fitness habits.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

124B Aerobic and Core Conditioning II	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Pass/No Pass	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 124A with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Physical Education 153X.	
This course provides introductory level students with beginning knowledge and practice	<b>Originating Campus: MESA</b>
in attaining and maintaining aerobic and core conditioning fitness levels. Instruction	
will emphasize beginning cardiovascular fitness as well as core fitness through	Dist. Ed Proposed For
individual and circuit training. Other topics include a variety of core fitness tests,	College(s): Mesa
stability ball exercise routines, and beginning level aerobic and core conditioning program design. This course is the second in a series of four aerobic and core	
conditioning courses. It is intended for students seeking to develop beginning physical	Effective: Fall 2020
fitness habits.	
FIELD TRIP REQUIREMENTS: May be required	
THE D TKIT RECORDINENTS, May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

124C Aerobic and Core Conditioning III	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Pass/No Pass	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 124B 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 153Y.	Proposed for College(s): Mesa
This course provides beginning level students with intermediate knowledge and practice in attaining and maintaining aerobic and core conditioning fitness levels. Instruction	Originating Campus: MESA
will emphasize intermediate cardiovascular fitness as well as core fitness through	Dist. Ed Proposed For
individual and circuit training. Other topics include fitness level assessment and conditioning for the treadmill; continuous, interval, and fartlek aerobic conditioning	College(s): Mesa
elements; beginning plyometric exercises; coronal and oblique plane movements; and	Effective: Fall 2020
clinical evaluations such as blood pressure and blood lipid tests. This course is the third	
in a series of four aerobic and core conditioning courses. It is intended for students	
seeking to develop intermediate physical fitness habits.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

124D Aerobic and Core Conditioning IV	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Pass/No Pass	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 124C with a grade of "C" or better, or equivalent.	11
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Physical Education 153Z.	
This course provides intermediate students with advanced knowledge and practice in	<b>Originating Campus: MESA</b>
attaining and maintaining aerobic and core conditioning fitness levels. Instruction will	
emphasize advanced cardiovascular fitness as well as core fitness through individual	Dist. Ed Proposed For
and circuit training. Other topics include cardiovascular and core fitness assessment	College(s): Mesa
data comparison; advanced core fitness assessments including plyometric tests; cardiovascular interval and sprint training; advanced plyometric training involving	
lateral movement; dietary analysis; and identification and incorporation of dietary	Effective: Fall 2020
modifications. This course is the fourth in a series of four aerobic and core conditioning	
courses. It is intended for students seeking to develop advanced physical fitness habits.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

Subject: Exercise Science (EXSC) Discipline: Dance or Physical Education

125A Aerobic Dance I	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	11
Physical Education 103 or Physical Education 103W.	Proposed for College(s): Mesa
This course is an introduction to all forms of Aerobic Dance and movement. Emphasis	1 0()
is placed on fundamental Aerobic Dance technique, vocabulary, and performance	Originating Campus: MESA
concepts. This course is the first in a series of four aerobic dance courses. It is designed	
for all students interested in Aerobics as a cardiovascular, movement-oriented sport.	Dist. Ed Proposed For
	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	
	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. UC Transfer Course List.	
General Education. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Dance or Physical Education

125B Aerobic Dance II	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 125A with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Physical Education 103X.	
This course provides introductory level students with knowledge and practice in more	<b>Originating Campus: MESA</b>
complicated beginning Aerobic Dance principles. Emphasis is placed on beginning	
Aerobic Dance technique, vocabulary, strength, and performance concepts. Other topics include additional dance vocabulary, expanded use of weights, and sports nutrition. This	Dist. Eu l'roposeu l'or
course is the second in a series of four aerobic dance courses. It is designed for all	College(s): Mesa
students interested in Aerobics as a cardiovascular, movement-oriented sport.	
stadents interested in Aerobies as a cardiovascalar, movement oriented sport.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC): Dance or Physical Education

-	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> Exercise Science 125B 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 103Y. This course provides beginning level students with knowledge and practice in intermediate level, complex forms of Aerobic Dance, its variations, and directional changes. Cardio Kickboxing technique and plyometric moves are added for a diverse, dynamic workout. Emphasis is placed on intermediate level Aerobic Dance technique, vocabulary, and performance concepts. This course is the third in a series of four parabile dance ourses. It is designed for all students intermeted in Aerobics on a	- No Other Action <i>Approved</i> Proposed for College(s): Mesa Originating Campus: MESA Dist. Ed Proposed For College(s): Mesa Effective: Fall 2020

## Subject: Exercise Science (EXSC) Discipline: Dance or Physical Education

125D Aerobic Dance IV	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 125C with a grade of "C" or better, or equivalent.	<i>ippiovea</i>
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 103Z.	Proposed for College(s): Mesa
This course provides intermediate level students with knowledge and practice in complex forms of advanced Aerobic Dance and its variations, such as Zumba and	Originating Campus: MESA
Cardio Kickboxing. Emphasis is placed on advanced levels of Aerobic Dance	Dist. Ed Proposed For
technique, vocabulary, and performance concepts. Other topics include advanced	College(s): Mesa
principles of body alignment such as movement combinations and jumps; advanced	
level plies such as sliding and jumping; and plyometrics. This course is the fourth in a	Effective: Fall 2020
series of four aerobic dance courses. It is designed for all students interested in Aerobics	
as a cardiovascular, movement-oriented sport, and who have taken the intermediate	
level version of this class.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. UC Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

135A Individual Conditioning I - Fundamentals	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	11
Physical Education 132 or Physical Education 132W.	Proposed for College(s): Mesa
This course provides individually programmed instruction in the fundamental skills and	
techniques of strength training and aerobic activity. The positive impact of physical education on health and wellness is explored and emphasized. This course is of	<b>Originating Campus: MESA</b>
n	
as well as to students seeking to improve overall fitness.	Dist. Ed Proposed For
as wen as to students seeking to improve overall fitness.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. UC Transfer Course List.	

## Subject: Exercise Science (EXSC) Discipline: Physical Education

135B Individual Conditioning II - Beginning	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 135A with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
	Originating Campus: MESA
	Dist. Ed Proposed For
	College(s): Mesa
physiological response.	
FIFLD TRIP REGULEREMENTS. May be required	Effective: Fall 2020
THE TRI RECORDINE TO May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List.	
Physical Education 132X. This course provides individually programmed instruction in the beginning level skills of the 5 components of fitness. Students will learn proper body mechanics for basic movement patterns utilizing a variety of different training modalities. Beginning level principles of physiology will be explored including how to train to elicit a desired physiological response. FIELD TRIP REQUIREMENTS: May be required FRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	Originating Campus: MESA

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

135C Individual Conditioning III - Intermediate	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> Exercise Science 135B with a grade of "C" or better, or equivalent.	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 132Y.	Proposed for College(s): Mesa
This course provides individually programmed instruction in the intermediate principles of the 5 components of fitness. Students will learn basic anatomy and build upon the	<b>Originating Campus:</b> MESA
principles of physiology learned in previous levels of this course to create both individual workouts and a long term workout plan to meet individualized conditioning goals.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

135D Individual Conditioning IV - Advanced	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 135C with a grade of "C" or better, or equivalent.	11
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Proposed for College(s): Mesa
Physical Education 132Z.	I man a second
This course provides individually programmed instruction in the advanced principles of	<b>Originating Campus:</b> MESA
the 5 components of fitness. Students will learn how to instruct others in proper	0 0 I
movement patterns and body mechanics for several strength training and cardiovascular	Dist. Ed Proposed For
training modalities. Students will utilize their knowledge of the advanced principles of	College(s): Mesa
anatomy and physiology to create a workout plan for another individual, identifying	
modifications and variations of exercises depending on the unique needs of the subject	Effective: Fall 2020
they are designing a workout for.	
EIELD TDID DEQUIDEMENTS. May be required	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC):

136A Off-Season Conditioning for Sport I	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	
Physical Education 191 or Physical Education 165.	Proposed for College(s): Mesa
This course is designed to enhance the physical and mental skills needed to participate	
in intercollegiate sports activities. Emphasis is placed on weight training, running, skill	<b>Originating Campus:</b> MESA
development games, and individual development for sport. When this course is offered	
for one unit the additional time is utilized in the practice and perfection of individual	Dist. Ed Proposed For
sport-specific skills. This course is intended for intercollegiate athletes.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

## Subject: Exercise Science (EXSC):

136B Off-Season Conditioning for Sport II	Offered At: Mesa, Miramar, City
32 - 54 hours lab, 0.5-1 units	-
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 136A with a grade of "C" or better, or equivalent.	11
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Physical Education 165 or Physical Education 191.	
This course provides intercollegiate athletes with individually programmed coaching in	<b>Originating Campus: MESA</b>
the fundamental skills of sports-specific training and aerobic conditioning. Through	
progressive inquiry and practice, students demonstrate more advanced levels of athletic performance. When this course is offered for one unit the additional time is utilized in	Dist. Ed Proposed For
the development and implementation of sport-specific exercise programs. This course is	College(s): Mesa
intended for intercollegiate athletes.	
intended for interconcegiate attractes.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

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

### Subject: Exercise Science (EXSC) Discipline: Physical Education

139A Weight Training I	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: This course is not open to students with previous credit for	Troven
Physical Education 166 or Physical Education 166W.	Proposed for College(s): Mesa
This course is an introduction to progressive resistive training. Instruction includes	
proper methods of weight training, use of weight training machines, cardio exercise	<b>Originating Campus:</b> MESA
equipment, lifting of free weights and warm up/cool down. Instruction also includes	0 0 I
charting exercises, introduction to major muscle groups and the weight training	Dist. Ed Proposed For
exercises to improve strength and range of motion. This class is designed for students	College(s): Mesa
interested in a healthy lifestyle as well as exercise science majors.	
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TDANSEED ADDI ICADII ITV. Associate Degree Credit & transfer to CSU UC	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

139B Weight Training II	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 139A with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Physical Education 166X.	
This course is the second in a series of four courses in progressive resistive weight	<b>Originating Campus: MESA</b>
training. Emphasis is placed on alternative training methods including circuit and	0 0 1
interval training, hill climbing and fat burning. This course includes basic nutrition to	Dist. Ed Proposed For
help build muscle and/ or reduce body weight utilized in student development of a	College(s): Mesa
personal fitness program. This class is designed for students interested in a healthy	
lifestyle as well as exercise science majors.	Effective: Fall 2020
FIELD TDID DECLUDEMENTS. May be required	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

139C Weight Training III	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 139B with a grade of "C" or better, or equivalent.	11
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Physical Education 166Y.	
This course is the third in a series of four courses in progressive resistive weight	<b>Originating Campus: MESA</b>
training. Emphasis is placed on the use of the weight training machines, cardio exercise	
equipment and Olympic lifts. This course covers alternate methods of resistive training including medicine balls, plyo balls, bosu balls, elastic cords and TRX belts. This class	Dist. Ed Proposed For
is designed for students interested in a healthy lifestyle as well as exercise science	College(s): Mesa
majors.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
The first and offendation may be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

139D Weight Training IV	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	-
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 139C with a grade of "C" or better, or equivalent.	11
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Proposed for College(s): Mesa
Physical Education 166Z.	
This course is the fourth in a series of four courses in progressive resistive weight	<b>Originating Campus: MESA</b>
training. This course covers the proper use of weight lifting machines, cardio exercise	
equipment and alternate methods of resistive training and lifting of the free weights. This class is designed for students interested in a healthy lifestyle as well as exercise	Dist. Ed Proposed For
science majors.	College(s): Mesa
serence majors.	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

140A Boot Camp I	Offered At: Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
This course provides students with introductory level instruction in fundamental skills	Approved
related to core strength, stability, and performance. Topics include physical readiness	
testing, proper exercise technique, and fundamental core and strength training using	Proposed for College(s): Mesa
various training models derived from or inspired by military physical training	
techniques. This course is the first in a series of four boot camp physical training	<b>Originating Campus:</b> MESA
courses. It is intended for kinesiology majors and all students interested in	B B F
comprehensive physical fitness training. All objectives are covered in this course	Dist. Ed Proposed For
whether offered for 0.5 or one unit. When this course is offered for one unit, the	College(s): Mesa
additional time is utilized for additional skills practice and refinement of exercise	
technique.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TDANSEED ADDI ICADII ITV. Aggagiata Daggag Cradit & trag-for to COULIC	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	[

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

140B Boot Camp II	Offered At: Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 140A with a grade of "C" or better, or equivalent.	
This course provides introductory students with beginning level instruction in	<b>Proposed for College(s):</b> Mesa
fundamental skills related to core and unilateral strength, stability, and performance.	roposed for Conege(s). Mesu
Topics include core stability, targeted functional training, and various training models	<b>Originating Campus:</b> MESA
and fitness plans derived from or inspired by military physical training techniques. This	originating campust titlerr
course is the second in a series of four boot camp physical training courses. It is	Dist. Ed Proposed For
intended for kinesiology majors and all students interested in comprehensive physical	College(s): Mesa
fitness training. All objectives are covered in this course whether offered for 0.5 or one	5()
unit. When this course is offered for one unit, the additional time is utilized for	Effective: Fall 2020
additional skills practice and refinement of exercise technique.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

140C Boot Camp III	Offered At: Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 140B with a grade of "C" or better, or equivalent.	-FF
This course provides beginning students with intermediate level instruction in	<b>Proposed for College(s):</b> Mesa
fundamental skills related to core and unilateral strength, stability, and performance.	
Topics include core stability, targeted functional training, and various training models	<b>Originating Campus:</b> MESA
and fitness plans derived from or inspired by military physical training techniques. This	0 0 I
course is the third in a series of four boot camp physical training courses. It is intended	Dist. Ed Proposed For
for kinesiology majors and all students interested in comprehensive physical fitness	College(s): Mesa
training. All objectives are covered in this course whether offered for 0.5 or one unit.	
When this course is offered for one unit, the additional time is utilized for additional	Effective: Fall 2020
skills practice and refinement of exercise technique.	
FIFL D TDID DECILIDEMENTS. May be required	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	
Talister Course List.	

## Subject: Exercise Science (EXSC) Discipline: Physical Education

140D Boot Camp IV	Offered At: Miramar, Mesa
32 - 54 hours lab, 0.5-1 unit	5
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 140C with a grade of "C" or better, or equivalent.	
This course provides intermediate students with advanced level instruction in skills	Proposed for College(s): Mesa
related to core and unilateral strength, stability, and performance. Topics include core	
stability, targeted functional training, and various training models and fitness plans	<b>Originating Campus: MESA</b>
derived from or inspired by military physical training techniques. This course is the	
fourth in a series of four boot camp physical training courses. It is intended for kinesiology majors and all students interested in comprehensive physical fitness	Dist. Ed Proposed For
training. All objectives are covered in this course whether offered for 0.5 or one unit.	College(s): Mesa
When this course is offered for one unit, the additional time is utilized for additional	
skills practice and refinement of exercise technique.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

141A Total Body Conditioning I	Offered At: Mesa, City
24 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
on developing proper training techniques necessary to improve muscular strength and	Approved
endurance using compound and accessory exercises in rapid sequence. Topics will include identification of major movement patterns and modifications based on ability	Proposed for College(s): Mesa
levels, basic strength exercises for muscle groups with emphasis on the core, and safety practices. When this course is offered for three hours per week, the additional time is	<b>Originating Campus: MESA</b>
utilized for skill development. This course is designed for kinesiology majors and all students interested in improving fitness.	Dist. Ed Proposed For College(s): Mesa
	Concec(s): mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

## Subject: Exercise Science (EXSC) Discipline: Physical Education

141B Total Body Conditioning II	Offered At: Mesa, City
24 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 141A with a grade of "C" or better, or equivalent.	
This course is the second in a series of total body conditioning courses. Emphasis is	Proposed for College(s): Mesa
placed on improving muscular strength and endurance and cardiorespiratory endurance	
using compound and accessory exercises and cardiorespiratory intervals in rapid	<b>Originating Campus: MESA</b>
sequence. Topics will include identification of muscle groups used in single and multi- joint movement exercises, intermediate strength exercises for muscle groups with	
emphasis on functional exercises, and use of appropriate modifications for varying	Dist. Ed Proposed For
ability levels. When this course is offered for three hours per week, the additional time	College(s): Mesa
is utilized for skill development. This course is designed for kinesiology majors and all	
students interested in improving fitness.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

141C Total Body Conditioning III	Offered At: City, Mesa
24 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 141B with a grade of "C" or better, or equivalent.	II ····
This course is the third in a series of total body conditioning courses. Emphasis is	Proposed for College(s): Mesa
placed on improving muscular strength and endurance and cardiorespiratory endurance	
using compound and accessory exercises and cardiorespiratory intervals in rapid	<b>Originating Campus: MESA</b>
sequence. Topics will include understanding of advanced exercise techniques, advanced	
strength and plyometric exercises for muscle groups with emphasis on functional	Dist. Ed Proposed For
exercises. When this course is offered for three hours per week, the additional time is utilized for skill development. This course is designed for kinesiology majors and all	College(s): Mesa
students interested in improving fitness.	
students interested in improving indess.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

142 Hiking for Fitness I- Fundamentals	Offered At: City
24 - 108 hours lab, 0.5-2 units	-
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b>	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 188. This course provides instruction in the fundamental skills required for hiking. Emphasis	Proposed for College(s): City
is placed on proper warm-up and warm down, walking form and injury prevention and treatment. This course is intended for all students interested in fundamental hiking and	Originating Campus: CITY
personal fitness. When this course is offered for one or two units, the additional time is utilized for skill development in the group hiking leadership.	Dist. Ed Proposed For College(s): City
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

145A Yoga I-Fundamentals of Yoga	Offered At: Mesa, City, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: This course is not open to students with previous credit for	
Physical Education 168.	Proposed for College(s): City
This is the first of four levels of classes relating to yoga. This course is an introduction	From Frederick, State
to fundamental yoga practices and principles. Instruction includes learning the	Originating Campus: CITY
fundamentals of yoga postures. The students will also gain a fundamental understanding	5 5 I
of the practices of relaxation techniques and breathing practices. This course is designed	Dist. Ed Proposed For College(s): City
for students who want to increase health, longevity and who are interested in	
understanding the importance of the fitness aspect of their life.	Effective: Fall 2020
EIELD TRID DEQUIDEMENTS, Marchannen d	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List. CSU General Education.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

145A Yoga I-Fundamentals of Yoga	Offered At: Mesa, City, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Limitation on Enrollment: This course is not open to students with previous credit for	
Physical Education 168.	<b>Proposed for College(s):</b> Mesa
This is the first of four levels of classes relating to yoga. This course is an introduction	
to fundamental yoga practices and principles. Instruction includes learning the	<b>Originating Campus: MESA</b>
fundamentals of yoga postures. The students will also gain a fundamental understanding of the practices of relaxation techniques and breathing practices. This course is designed	
for students who want to increase health, longevity and who are interested in	Dist. Eu Froposeu For
understanding the importance of the fitness aspect of their life.	College(s): Mesa
and of standing the importance of the nation aspect of them me.	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

145B Yoga II-Beginning Yoga	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	-
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 145A with a grade of "C" or better, or equivalent.	II
This is the second of four levels of classes relating to yoga. This course is an	Proposed for College(s): Mesa
introduction to fundamentals of basic yoga practices and principles. Instruction includes	I man a second
basic yoga postures, guided relaxations, and breathing practices, as well as some basic	<b>Originating Campus: MESA</b>
stress reduction techniques. This course is designed for students interested in utilizing	
basic yoga and stress reduction techniques to help increase their health and longevity.	Dist. Ed Proposed For
	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	
TDANGEED ADDI ICADII ITV. Associate Desure Cardit & toursfunts COLL COLL	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. UC Transfer Course List.	
General Education. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

145C Yoga III-Intermediate	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> Exercise Science 145B with a grade of "C" or better, or equivalent.	Approved
This is the third of four levels of classes relating to yoga. This course will cover intermediate yoga practices and principles including some intermediate inversions.	Proposed for College(s): Mesa
Instruction includes intermediate yoga postures, guided relaxations, basic inversions, breathing practices, and basic partner yoga as well as stress reduction techniques and	Originating Campus: MESA
nutritional analysis. This course is designed for students interested in learning about both fitness and nutrition. The students will utilize intermediate yoga to help increase their health and longevity.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

145D Yoga IV - Advanced Level	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Advisory:</i> Exercise Science 145C with a grade of "C" or better, or equivalent.	-FF
This is the fourth of four levels of classes relating to yoga. This course will cover	Proposed for College(s): Mesa
advanced yoga practices and principles. Instruction includes advanced yoga postures,	
guided relaxations, inversions, breathing practices, and partner yoga as well as stress	<b>Originating Campus:</b> MESA
reduction techniques and nutritional analysis. This course is designed for students	
interested in developing their own workout regime utilizing advanced yoga to help	Dist. Ed Proposed For
increase their health and longevity.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List.	

## Subject: Exercise Science (EXSC) Discipline: Physical Education

147A Kickboxing I-Fundamental	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	-
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	
Physical Education 233.	Proposed for College(s): Mesa
This course is a study and practice of Muay Thai kickboxing at the fundamental level.	1 8()
Emphasis is placed on fundamental kickboxing terminology, safety, physical fitness,	Originating Campus: MESA
controlled sparring, and line combinations. This course is intended for all students	
interested in the fundamentals of kickboxing with respect to the Muay Thai discipline.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
FIELD IKIP KEQUIKEMIENIS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	Effective: Fall 2020
Transfer Course List.	
Talister Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

147B Kickboxing II-Beginning	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 147A with a grade of "C" or better, or equivalent.	
This course is a study and practice of Muay Thai kickboxing at the beginning level.	Proposed for College(s): Mesa
Emphasis is placed on beginning kickboxing terminology, safety, physical fitness,	
controlled sparring, and line combinations. This course is intended for all students	Originating Campus: MESA
interested in beginning level kickboxing with respect to the Muay Thai discipline.	
	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	Effective: Fall 2020

## Subject: Exercise Science (EXSC) Discipline: Physical Education

147C Kickboxing III-Intermediate	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> Exercise Science 147B with a grade of "C" or better, or equivalent.	Approved
This course is a study and practice of Muay Thai kickboxing at the intermediate level. Emphasis is placed on intermediate kickboxing terminology, safety, physical fitness,	Proposed for College(s): Mesa
controlled sparring, and line combinations. This course is intended for all students interested in intermediate level kickboxing with respect to the Muay Thai discipline.	<b>Originating Campus:</b> MESA
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

### Subject: Exercise Science (EXSC) Discipline: Physical Education

147D Kickboxing IV-Advanced	Offered At: Mesa, Miramar, City
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 147C with a grade of "C" or better, or equivalent.	
This course is a study and practice of Muay Thai kickboxing at the advanced level.	<b>Proposed for College(s):</b> Mesa
Emphasis is placed on advanced kickboxing terminology, safety, physical fitness,	
controlled sparring, and line combinations. This course is intended for all students	<b>Originating Campus:</b> MESA
interested in advanced level kickboxing with respect to the Muay Thai discipline.	
	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
TDANGEED ADDI ICADII ITV. Associate Decreas Credit & transfer to CSU UC	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020
Transfer Course List.	

## Subject: Exercise Science (EXSC) Discipline: Physical Education

148A Martial Arts I-Fundamental	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	-
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	
Physical Education 232.	Proposed for College(s): Mesa
This course is a study and practice of martial arts at the fundamental level. Emphasis is	g-(-)
placed on fundamental martial arts terminology, safety, self-defense, etiquette, punches,	<b>Originating Campus:</b> MESA
blocks, strikes, kicks, stances, pressure points, and Kata/forms. This course is intended	
for all students interested in the fundamentals of martial arts with respect to the	Dist. Ed Proposed For
International Okinawan Goju-Ryu Karate-Do Federation (IOGKF).	College(s): Mesa
FIFLD TDID DECLIDEMENTS, Marchannessing	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

148B Martial Arts II-Beginning	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	-
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Advisory:</i> Exercise Science 148A with a grade of "C" or better, or equivalent. This course is a study and practice of martial arts at the beginning level. Emphasis is placed on beginning level martial arts terminology, safety, self-defense, etiquette, punches, blocks, strikes, kicks, stances, pressure points, and Kata/forms. This course is	Proposed for College(s): Mesa Originating Campus: MESA
intended for all students interested in the fundamentals of martial arts with respect to the International Okinawan Goju-Ryu Karate-Do Federation (IOGKF). FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For College(s): Mesa
FIELD INIT REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

148C Martial Arts III-Intermediate	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Advisory:</i> Exercise Science 148B with a grade of "C" or better, or equivalent. This course is a study and practice of martial arts at the intermediate level. Emphasis is placed on intermediate level martial arts terminology, safety, self-defense, etiquette, punches, blocks, strikes, kicks, stances, pressure points, and Kata/forms. This course is	Proposed for College(s): Mesa
intended for all students interested in the fundamentals of martial arts with respect to the International Okinawan Goju-Ryu Karate-Do Federation (IOGKF).	Originating Campus: MESA Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: Required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

### Subject: Exercise Science (EXSC) Discipline: Physical Education

148D Martial Arts IV-Advanced	Offered At: City, Mesa, Miramar
32 - 54 hours lab, 0.5-1 units	-
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Advisory:</i> Exercise Science 148C with a grade of "C" or better, or equivalent. This course is a study and practice of martial arts at the advanced level. Emphasis is placed on advanced level martial arts terminology, safety, self-defense, etiquette,	Proposed for College(s): Mesa
punches, blocks, strikes, kicks, stances, pressure points, and Kata/forms. This course is intended for all students interested in the fundamentals of martial arts with respect to the International Okinawan Goju-Ryu Karate-Do Federation (IOGKF).	Originating Campus: MESA
international Okinawan Obju-Kyu Katale-Do Federation (IOOKF).	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

166A Golf I	Offered At: City, Mesa, Miramar
24 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Approved
Physical Education 126. This course provides golf instruction and practice. Emphasis is placed on the	Proposed for College(s): Mesa
fundamentals of the grip, stance, alignment, and the techniques and practice of the short game strokes of pitching, chipping and putting. Topics include the rules, terminology,	<b>Originating Campus:</b> MESA
safety procedures, values, etiquette, equipment, and history of golf. This course is designed for all students interested in playing golf as part of a fitness lifestyle or kinesiology majors.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

166B Golf II	Offered At: City, Mesa, Miramar
24 - 54 hours lab, 0.5-1 units	-
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 166A with a grade of "C" or better, or equivalent.	Treese
This course provides golf instruction and practice. Emphasis is placed on techniques of the full swing with irons, hybrids, fairway metals and drivers. Topics include golf	Proposed for College(s): Mesa
fitness, stretching and the principles of warm-up as well as golf club selection and use.	Originating Campus: MESA
This course is designed for all students interested in playing golf as part of a fitness	
lifestyle or kinesiology majors.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	Effective: Fall 2020
Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

166C Golf III	Offered At: City, Mesa, Miramar
24 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 166B with a grade of "C" or better, or equivalent.	
This course provides golf instruction and practice. Emphasis is placed on specialty	<b>Proposed for College(s):</b> Mesa
shots, such as sand, side hill and up and down hill lies. The fundamental errors in golf	
are analyzed to correct individual errors focusing on swing techniques and the mental	<b>Originating Campus: MESA</b>
approach to the game. Topics include the laws of ball flight, the swing plane, and wise	
use of practice time. This course is designed for all students interested in playing golf as	Dist. Ed Proposed For
part of a fitness lifestyle and kinesiology majors.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TDANSEED ADDI ICADII ITV. Associate Degree Credit & transfer to CSU UC	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

166D Golf IV	Offered At: City, Mesa, Miramar
24 - 54 hours lab, 0.5-1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Advisory:</i> Exercise Science 166C with a grade of "C" or better, or equivalent.	11
This course provides golf instruction and practice. Emphasis is placed on playing strategies, analysis of golf rounds for strengths and weaknesses, student analysis of	Proposed for College(s): Mesa
several different golf swings, and the handicap system. Stroke and Match plays are arranged between class members to develop playing strategies in competition. This	Originating Campus: MESA
course is designed for all students interested in playing golf as part of a fitness lifestyle	Dist. Ed Proposed For
and kinesiology majors.	College(s): Mesa
	conege(s). West
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

## Subject: Exercise Science (EXSC) Discipline: Physical Education

230A Theories and Strategies of Baseball I	Offered At: City, Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	_
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Limitation on Enrollment: This course is not open to students with previous credit for	
Physical Education 252A.	<b>Proposed for College(s):</b> Mesa
This course provides instruction to develop the fundamental skills of throwing, catching, running, hitting, and the rules of NCAA baseball as well as strategies used during game competition. Sport specific speed and strength development is emphasized. This course	Originating Campus: MESA
is intended for intercollegiate baseball players only.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

### Subject: Exercise Science (EXSC) Discipline: Physical Education

230B Theories and Strategies of Baseball II	Offered At: City, Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 230A with a grade of "C" or better, or equivalent.	-FF
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 252B.	Proposed for College(s): Mesa
Sophomore athletic eligibility status required. A continuation of Physical Education "Theories and Strategies of Baseball Level I" with emphasis on advanced skills,	<b>Originating Campus: MESA</b>
strategy, tactics, rules officiating, and organizational procedures in baseball.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

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

### Subject: Exercise Science (EXSC) Discipline: Physical Education

231B Theories and Strategies of Basketball II	Offered At: City, Mesa, Miramar
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 231A with a grade of "C" or better, or equivalent.	
Advisory: Concurrent enrollment in: Exercise Science 205 with a grade of "C" or better, or equivalent.	<b>Proposed for College(s):</b> Mesa
Limitation on Enrollment: This course is not open to students with previous credit for	<b>Originating Campus: MESA</b>
Physical Education 251B.	
This course covers advanced theoretical concepts and techniques for intercollegiate	Dist. Ed Proposed For
basketball competition. Topics include advanced team strategies, efficient basketball	College(s): Mesa
conditioning techniques, goals for game preparation, and leadership qualities for	
basketball. Concepts of team building and social skills necessary for success at the	Effective: Fall 2020
intercollegiate level are also emphasized. Separate sections of this course are offered for	
men and women. The course is intended for intercollegiate athletes.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

## Subject: Exercise Science (EXSC) Discipline: Physical Education

232A Professional Activities/Cross Country I	Offered At: City, Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	
Physical Education 258A.	<b>Proposed for College(s):</b> Mesa
This course introduces students to the development of skills for cross country running as	Toposed for Conege(s). Mesa
well as biomechanics, exercise physiology, workout design, scouting, and procedures	<b>Originating Campus:</b> MESA
for administrating a college cross country meet. The course is designed for students who	Originating Campus. WESA
are participating in this sport and for those who may be interested in coaching cross	Dist. Ed Proposed For
country teams.	College(s): Mesa
	conege(s). Wesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

232B Professional Activities/Cross Country II	Offered At: City, Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Exercise Science 232A 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 258B.	Proposed for College(s): Mesa
This course covers the development of advanced skills in cross country running, including techniques of biomechanics, exercise physiology, workout design, and	Originating Campus: MESA
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	Dist. Ed Proposed For College(s): Mesa
teams.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

233A Theories and Strategies of Intercollegiate Football I	Offered At: Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Concurrent enrollment in: Exercise Science 210.	II ····
Limitation on Enrollment: This course is not open to students with previous credit for	<b>Proposed for College(s):</b> Mesa
Physical Education 250A.	
This course is designed for students competing in their first intercollegiate football season. Emphasis is on theoretical concepts necessary for successful participation.	Originating Campus: MESA
Topics include analysis of fundamentals used on offense/defense, special teams and also	Dist. Ed Proposed For
strategies, rules, and officiating.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

233B Theories and Strategies of Intercollegiate Football II 24 - 27 hours lecture, 24 - 27 hours lab, 2 units	Offered At: Mesa
	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory: Concurrent enrollment in:</i> Exercise Science 211 with a grade of "C" or better,	Approved
or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Physical Education 250B. This course in the theory and strategies of intercollegiate football is offered in the Fall	Originating Campus: MESA
semester and emphasizes advanced game skills, tactics, rules officiating, and organizational procedures. Students develop social skills and team building techniques required for success on the football team. This course is designed for students involved	Dist. Ed Proposed For College(s): Mesa
in intercollegiate football.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

234A Theories and Strategies of Soccer I	Offered At: City, Mesa, Miramar
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: This course is not open to students with previous credit for	II ····
Physical Education 257A.	Proposed for College(s): Mesa
This course covers the theoretical concepts necessary for students to compete	
successfully in their first intercollegiate soccer season. Topics include mechanical	<b>Originating Campus:</b> MESA
analysis of fundamental through advanced soccer skills, offensive and defensive	
strategies, statistics, rules, and officiating. Separate sections of this course are offered	Dist. Ed Proposed For
for men and women. The course is intended for intercollegiate athletes.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TDANSEED ADDI ICADII ITV. Associate Degree Credit & transfer to CSU UC	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	
Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

234B Theories and Strategies of Soccer II	Offered At: City, Mesa, Miramar
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Exercise Science 234A 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 257B.	Proposed for College(s): Mesa
This course covers advanced theoretical concepts and techniques for intercollegiate soccer competition. Topics include advanced team strategies, efficient conditioning	Originating Campus: MESA
techniques, goals for game preparation, and leadership qualities. Concepts for team building and social skills necessary for success at the intercollegiate level are emphasized. Separate sections of this course are offered for men and women. The	Dist. Ed Proposed For College(s): Mesa
course is intended for intercollegiate athletes.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

235A Theories and Strategies of Softball I	Offered At: Mesa, City
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Concurrent enrollment in: Exercise Science 216 with a grade of "C" or better,	
or equivalent.	Proposed for College(s): Mesa
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	
Physical Education 253A. This course explores a variety of softball strategies and techniques focusing on the	<b>Originating Campus: MESA</b>
development of offensive and defensive strategies, rules, officiating, video review, and	
mechanical analysis of fundamentals through advanced softball skills. The course is	Dist. Ed Proposed For
open to students interested in participating in intercollegiate softball or kinesiology	College(s): Mesa
majors.	
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

235B Theories and Strategies of Softball II	Offered At: Mesa, City
24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory: Concurrent enrollment in:</i> Exercise Science 217 with a grade of "C" or better,	Approved
or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for <i>Dhyrical Education</i> 253P	Proposed for College(s): Mesa
Physical Education 253B. This course develops both mental and physical competency with emphasis on advanced skill, mechanics, rules, offensive and defensive strategies, officiating, facilities, video	Originating Campus: MESA
review, organizational procedures and physiological aspects of the game as they relate to college softball. The course is open to students interested intercollegiate softball and	Dist. Ed Proposed For College(s): Mesa
kinesiology majors.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

236A Theories and Strategies of Beach Volleyball I	Offered At: Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: Completion of or concurrent enrollment in: Exercise Science 228A with a grade of "C" or better, or equivalent. This course covers theoretical concepts necessary for successful participation in beach volleyball. Topics covered include mechanical analysis of fundamentals through advanced beach volleyball skills, offensive/defensive strategies, court etiquette, rules and officiating. This course is designed for students competing on the intercollegiate	Proposed for College(s): Mesa Originating Campus: MESA
beach volleyball team and those interested in the sport of beach volleyball.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

236B Theories and Strategies of Beach Volleyball II 24 - 27 hours lecture, 24 - 27 hours lab, 2 units	Offered At: Mesa
	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory: Completion of or concurrent enrollment in:</i> Exercise Science 228B with a	Approved
grade of "C" or better, or equivalent. This course covers advanced theoretical concepts necessary for successful participation	Proposed for College(s): Mesa
in beach volleyball. Topics include advanced team strategies, efficient beach volleyball conditioning techniques, goals for game preparation, and leadership qualities for beach	<b>Originating Campus:</b> MESA
volleyball. Concepts of team building and social skills necessary for success at the intercollegiate level are also emphasized. This course is designed for students competing on the intercollegiate beach volleyball team and those interested in the sport of beach	Dist. Ed Proposed For College(s): Mesa
volleyball.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

237A Theories and Strategies of Tennis I	Offered At: City, Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	-
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 248A. This course covers the theoretical concepts necessary for students to compete successfully in their first intercollegiate tennis season. Topics covered include mechanical analysis of fundamental through advanced tennis skills, offensive and defensive strategies, statistics, and rules. This course is offered separately for men and women who are interested in competing at the intercollegiate level.	Proposed for College(s): Mesa Originating Campus: MESA Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

237B Theories and Strategies of Tennis II	Offered At: Mesa, City
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
DEOLIGIZES.	
<b>REQUISITES:</b> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Approved
Physical Education 248B. This course further develops the theoretical and practical skills necessary for students to	Proposed for College(s): Mesa
compete successfully in their second intercollegiate tennis season. Emphasis is placed on advanced offensive and defensive tennis skills and strategies. This course is offered	<b>Originating Campus:</b> MESA
separately for men and women who are interested in competing at the intercollegiate	Dist. Ed Proposed For
level.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

Subject Extress Science (Eris C) Discipliner i hjsten Education	
238A Theories and Strategies/Track and Field I	Offered At: Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Corequisite: Exercise Science 222.	
Limitation on Enrollment: This course is not open to students with previous credit for	<b>Proposed for College(s):</b> Mesa
Physical Education 254A.	
This course is a practical application of track and field program management. Emphasis is placed on team development, competition scheduling, site preparation, and teaching	<b>Originating Campus: MESA</b>
the principles of track and field. This course is offered during Spring semester for	Dist. Ed Proposed For
students enrolled in a first intercollegiate track and field season.	College(s): Mesa
	conege(s). Wesa
FIELD TRIP REQUIREMENTS: Required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

238B Theories and Strategies/Track and Field II	Offered At: Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance
	Learning - No Other Action
REQUISITES:	Approved
Corequisite: Exercise Science 223.	11
Advisory: Exercise Science 238A with a grade of "C" or better, or equivalent	<b>Proposed for College(s):</b> Mesa
Limitation on Enrollment: This course is not open to students with previous credit for	
Physical Education 254B.	Originating Campus: MESA
This course is an advanced application of track and field program management. Emphasis	
is placed on skills, tactics, officiating, facilities, video review and organizational	Dist. Ed Proposed For
procedures for administrating a college track and field meet. This course is offered during the Spring semester for students enrolled in a second intercollegiate track and field	College(s): Mesa
season.	
season.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

239A Theories and Strategies of Intercollegiate Volleyball I	Offered At: City, Mesa, Miramar
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory: Concurrent enrollment in:</i> Exercise Science 224 or Exercise Science 225.	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 255A.	Proposed for College(s): Mesa
This is a course in which students competing in their first intercollegiate volleyball season learn the theoretical concepts necessary for successful participation. Topics	<b>Originating Campus: MESA</b>
covered include mechanical analysis of fundamentals through advanced volleyball skills, offensive/defensive strategies, statistics, rules and officiating.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

239B Theories and Strategies/ Volleyball II	Offered At: City, Mesa, Miramar
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance
	Learning - No Other Action
REQUISITES:	Approved
Advisory: Exercise Science 239A with a grade of "C" or better, or equivalent.	11
<i>Advisory: Concurrent enrollment in:</i> Exercise Science 225 with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Physical Education 255B.	<b>Originating Campus:</b> MESA
This is a course in which students competing in their second intercollegiate volleyball season learn the theoretical concepts necessary for successful participation. Topics covered include officiating, statistics, concepts for team building, goals for game	Dist. Ed Proposed For College(s): Mesa
preparation, leadership and social skills for success at the intercollegiate level.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

240 Physical Education in the Elementary Schools	Offered At: City, Mesa
48 - 54 hours lecture, 16 - 18 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance
	Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	- FF /
Physical Education 240.	Proposed for College(s): Mesa
This course includes a brief study of the growth, development and characteristics of the	
elementary school child. The elements of written lesson plans, units, evaluations and	<b>Originating Campus: MESA</b>
various forms of testing are covered. The teaching of fundamental skills, rhythms, dance	- 8 8 F
and games based on sound physiological principles for this age group is emphasized. The	Dist. Ed Proposed For
positive impact of physical education on health and wellness, in addition to, academic	College(s): Mesa
achievement is explored. Students gain knowledge and understanding of the	
physiological and sociological effects of alcohol, narcotics, drugs and tobacco and of	Effective: Fall 2020
ways to identify, refer, and support students and their families who may be at risk of	
physical, psychological, emotional or social health problems. Actual teaching situations	
are experienced in the lab sessions. This course is designed to fulfill lower division	
preparation for the kinesiology major or for students interested in elementary education.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	
TRATSFER AT Elevable 11, Associate Degree Creat & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

243A Theories and Strategies of Water Polo I	Offered At: Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance
	Learning - No Other Action
Advisory: Completion of or concurrent enrollment in: Exercise Science 226 with a grade	Approved
of "C" or better, or equivalent. This course covers the theoretical concepts necessary for students to compete	Proposed for College(s): Mesa
successfully in their first intercollegiate water polo season. Topics include rules, game strategies, history, and game preparation. The physiological requirements for the	<b>Originating Campus: MESA</b>
intercollegiate athlete and importance of nutritional components for optimal performance	Dist. Ed Proposed For
are emphasized. Separate sections of this course are offered for men and women. The course is intended for intercollegiate water polo athletes.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

243B Theories and Strategies of Water Polo II	Offered At: Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance
	Learning - No Other Action
REQUISITES:	Approved
Advisory: Completion of or concurrent enrollment in: Exercise Science 227 with a grade	
of "C" or better, or equivalent.	Proposed for College(s): Mesa
This course covers advanced theoretical concepts and techniques for intercollegiate water	
polo competition. Topics include advanced team strategies, efficient water polo	<b>Originating Campus: MESA</b>
conditioning techniques, goals for game preparation, and leadership qualities for water	
polo. Concepts of team building and social skills necessary for success at the	Dist. Ed Proposed For
intercollegiate level are also emphasized. Separate sections of this course are offered for men and women. The course is intended for intercollegiate water polo athletes.	College(s): Mesa
men und women. The course is mended for interconcente water poro aunetes.	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Exercise Science (EXSC) Discipline: Physical Education

244A Theories and Strategies of Swimming and Diving I	Offered At: Mesa
	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory: Completion of or concurrent enrollment in:</i> Exercise Science 218 with a grade	Approved
of "C" or better, or equivalent. This course covers the theoretical concepts necessary for students to compete	Proposed for College(s): Mesa
successfully in their first intercollegiate swimming and diving season. Topics covered include rules, history, race tactics, individual and team training and strategies. The	Originating Campus: MESA
physiological requirements for the intercollegiate athlete and importance of nutritional components for optimal performance are emphasized. Separate sections of this course are offered for men and women. The course is intended for intercollegiate athletes and	Dist. Ed Proposed For College(s): Mesa
students who may be interested in coaching swimming and diving teams.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

244B Theories and Strategies of Swimming and Diving II 24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only	Offered At: Mesa Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory: Completion of or concurrent enrollment in:</i> Exercise Science 219 with a grade of "C" or better, or equivalent. This course covers advanced theoretical concepts and techniques for intercollegiate swimming and diving competition. Emphasis is placed on team development, competition scheduling, site preparation, and teaching the principles of swimming and diving program management. Topics include advanced team strategies, officiating, facilities, and organizational procedures for administrating a college swimming and diving meet. Concepts of team building, leadership and social skills necessary for success at the intercollegiate level are also emphasized. Separate sections of this course are offered for men and women. This course is designed for second-year students who are participating in this sport and for those who are interested in coaching swimming and diving.	Approved Proposed for College(s): Mesa Originating Campus: MESA Dist. Ed Proposed For College(s): Mesa Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

### Subject: Exercise Science (EXSC) Discipline: Physical Education

270 Personal Trainer Internship / Work Experience	Offered At: City, Mesa, Miramar
60 - 300 hours other, 1-4 units	
Grade Only	Action(s) Proposed: Distance
	Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	FF
Physical Education 270.	<b>Proposed for College(s):</b> Mesa
This course provides on-the-job learning experiences for students employed in a personal	
training-related job or internship. Students develop workplace competencies, critical	<b>Originating Campus: MESA</b>
thinking skills, and problem solving abilities through the creation and achievement of	
job-related behavioral learning objectives. One unit of credit may be earned for each 75	Dist. Ed Proposed For
hours of paid employment or 60 hours of volunteer work. This course may be taken up to	College(s): Mesa
four times. However, the combined maximum credit for all Work Experience courses	
from all subject areas may not exceed 16 units. This course is intended for students	Effective: Fall 2020
majoring in Personal Training or those interested in the fitness industry.	
FIFL D TDID DEALIDEMENTS. March - as arised	
FIELD TRIP REQUIREMENTS: May be required	
TDANSEED ADDI ICADII ITV. Agaaajata Dagraa Cradit & transfor to CSU	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

280 Applied Exercise Physiology	Offered At: City, Mesa, Miramar
32 - 36 hours lecture, 2 units	
Grade Only	Action(s) Proposed: Distance
	Learning - No Other Action
REQUISITES:	Approved
Limitation on Enrollment: This course is not open to students with previous credit for	
Physical Education 280.	<b>Proposed for College(s):</b> City
This course is an introduction to how the body functions under conditions of exercise	roposed for conege(s). eny
stress and how fitness behaviors affect health and wellness. Emphasis is placed on	<b>Originating Campus:</b> CITY
muscular, cardiorespiratory, and other physiological processes that occur as a result of	originating campus, cri i
exercise conditioning, as well as their effects on disease risk. This course is intended for	Dist. Ed Proposed For
students seeking certification as personal trainers.	<b>College(s):</b> City
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

## Subject: Exercise Science (EXSC) Discipline: Physical Education

281 Applied Kinesiology	Offered At: City, Mesa, Miramar
32 - 36 hours lecture, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	
Physical Education 281.	<b>Proposed for College(s):</b> City
This course is a study of movement as it relates to exercise under both normal and	
injury conditions. Students learn the practical implications of exercise on bones, joints,	Originating Campus: CITY
nerves, and muscles. Emphasis is placed on applying body alignment, range of motion,	0 0 1
stabilization, and acceleration principles to the development of exercise programs. This	Dist. Ed Proposed For College(s): City
course is intended for students seeking certification as personal trainers.	
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Exercise Science (EXSC) Discipline: Physical Education

282 Techniques of Weight Training	Offered At: City, Mesa, Miramar
32 - 36 hours lecture, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: This course is not open to students with previous credit for	
Physical Education 282.	<b>Proposed for College(s):</b> City
This course is an introduction to teaching techniques in weight training. Topics include	
anatomy, physiology, training sequences, equipment options, safety factors, and	<b>Originating Campus:</b> CITY
contraindications. This course is intended for students seeking certification as personal	9 9 F
trainers.	Dist. Ed Proposed For College(s): City
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
	Ellecuve: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

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

270 Work Experience	Offered At: Mesa
60 - 300 hours other, 1-4 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
Program of on-the-job learning experiences for students employed in a job related to their major. The combined maximum credit for all work experience courses from all	Approved
disciplines may not exceed 16 units.	Proposed for College(s): Mesa
FIELD TRIP REQUIREMENTS: Not required	<b>Originating Campus:</b> MESA
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Dist. Ed Proposed For College(s): Mesa
	Effective: Fall 2020

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

322B Confined Space Rescue Awareness	Offered At: Miramar
1 - 1 hours lecture, 7 - 7 hours lab, 0.2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Approved
FIPT 308B or FIPT 308C This course provides an introduction to the hazards, equipment, and operational	Proposed for College(s): Miramar
positions of safe and legal confined space entry. It also includes a review of California Division of Occupational Safety and Health (Cal-OSHA) regulations with regard to	Originating Campus: MIRAMAR
permit-required confined spaces. This course is intended for personnel with confined spaces within their areas of responsibility, including current or future public safety	Dist. Ed Proposed For College(s): Miramar
personnel.	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

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

323B Hazardous Materials: First Responder Operational (FRO)	Offered At: Miramar
24 - 27 hours lab, 0.5 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Fire Protection Technology 323A with a grade of "C" or better, or	
equivalent.	<b>Proposed for College(s):</b> Miramar
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	roposed for Conege(s). Withanian
Fire Protection Technology 306A.	<b>Originating Campus: MIRAMAR</b>
This course provides students with a fundamental knowledge of the factors affecting	originating Campus. Will Will Will
operating procedures at a hazardous materials (hazmat) incident. It is intended to	Dist. Ed Proposed For
improve the capabilities of the First Responder to respond to a hazmat event in a safe	College(s): Miramar
and competent manner, within the typical resource and capability limits at the	
"operational" level. The course emphasizes the requirements of the California State	Effective: Fall 2020
Board of Fire Services Certified Firefighter I training (Hazmat Operations),	
International Fire Service Accreditation Congress (IFSAC) standards, and Professional	
Qualifications (ProBoard) requirements. It also meets the First Responder Operational	
Hazmat Emergency Response certified course requirements of California Code of	
Regulations (CCR) Title 19, Division 2, Chapter 1, Subchapter 2, Sections 2510-2560.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit only and not Transferable.	

\*Requires Board of Trustees approval prior to implementation

## Subject: Geography (GEOG) Discipline: Geography

101L Physical Geography Laboratory	Offered At: City, Mesa, Miramar
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Completion of or concurrent enrollment in: Geography 101 with a grade of	<i>Ipp</i> : o , cu
"C" or better, or equivalent.	<b>Proposed for College(s):</b> Mesa
This course requires practical observations and applications of the geographic grid,	roposed for Conege(s). Mesu
atlases and topographic maps, weather and climate, natural vegetation and soils, and	<b>Originating Campus:</b> MESA
landforms. This includes exercises in remote sensing and computer tools for data	originating campust miller
analysis, including Google Earth and Geographic Information Systems (GIS). This	Dist. Ed Proposed For
course is designed for students interested in geology or Earth science.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

## Subject: German (GERM) Discipline: Foreign Languages

102 Second Course in German	Offered At: City, Mesa
80 - 90 hours lecture, 5 units	-
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Prerequisite:</i> German 101 with a grade of "C" or better, or equivalent.	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for German 100.	Proposed for College(s): Mesa
This interactive course is the second in the German language series. Students use increasingly complex German language structures to speak, listen, read, and write in	<b>Originating Campus:</b> MESA
cultural context at the novice-high level. This course is indented for all students interested in gaining proficiency in the German language for academic purposes and/or personal enrichment.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC. CSU General Education. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

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

270 Geographic Information Systems Work Experience	Offered At: Mesa
60 - 300 hours other, 1-4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Geographic Information Systems 111 with a grade of "C" or better, or	<i>approved</i>
equivalent.	<b>Proposed for College(s):</b> Mesa
This course is a directed field study where students apply classroom instruction to real	
world Geographic Information Systems (GIS) projects in the community. Students	<b>Originating Campus:</b> MESA
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	Dist. Ed Proposed For
work experience/internship program in a business or government agency that uses GIS.	College(s): Mesa
Work experience students meet periodically with their assigned faculty member,	
complete interim reports and present a final report.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: History (HIST) Discipline: History

105 Introduction to Western Civilization I	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	11
	Proposed for College(s): Mesa
This course is an historical survey of Western Civilization from the early human communities through early modernism. The course is designed to introduce students to the ideas, attitudes, and institutions basic to Western Civilization through primary and	<b>Originating Campus:</b> MESA
secondary source material. This course is intended for students majoring in history as	Dist. Ed Proposed For
well as any student seeking a broad historical perspective.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

### Subject: History (HIST) Discipline: History

120 Introduction to Asian Civilizations	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	11
W60.	Proposed for College(s): Mesa
This course examines the social, cultural, and political evolution of distinct civilizations	Approved
in East, South, and Southeast Asia from prehistory to the end of the sixteenth century.	<i>Ippioveu</i>
Emphasis is placed on topics such as the development of indigenous	<b>Originating Campus:</b> MESA
religions/philosophies, the rise and decline of regional kingdoms/dynasties, cultural	Originating Campus. WESA
achievements, and gender roles. This course is intended for all students interested in	Dist. Ed Proposed For
Asian history and culture.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	
FIELD IKIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	
General Education. IGETC. OC Transfer Course List.	

## Subject: History (HIST) Discipline: History

130 The Modern Middle East	Offered At: Mesa
48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	Approved
W60. This course is a survey of modern Middle Eastern history from the Nineteenth Century to the present. Emphasis is placed on analyzing modern Middle Eastern historical	Proposed for College(s): Mesa
events and processes within a global context. Topics include the historical development and role of Islam in the region, the 'decline' and dismemberment of the Ottoman Empire, imperialism, Arab independence movements, the Israeli-Palestinian conflict,	Originating Campus: MESA Dist. Ed Proposed For College(s): Mesa
the resurgence of Islam and the role of the United States in the region. This course is intended for history majors and all students interested in the contemporary Middle East.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

### Subject: History (HIST) Discipline: History

131 Latin America Before Independence	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	
<i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Milestone R60 and W60.	Proposed for College(s): Mesa
This course is a history of Latin America and the Caribbean, 1492-1810. It opens with a discussion of the pre-Encounter world and then delves into topics such as social	<b>Originating Campus:</b> MESA
relations, the Church's role in colonization, and resistance to colonization and slavery.	Dist. Ed Proposed For
Throughout the course, references are made to Latin America's and the Caribbean's roles in the emergence of a modern, global social-economic system. This course is	College(s): Mesa
designed for all students interested in the history of Latin America and the Caribbean.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC. UC Transfer Course List. CSU General Education.	

#### Subject: Hospitality (HOSP) Discipline: Culinary Arts/Food Technology or Hotel and Motel Services or Travel Services

270 Work Experience	Offered At: Mesa
60 - 300 hours other, 1-4 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> Obtain Permission Number from Instructor. A program of on-the-job learning experiences for students employed in a job related to their major. The combined maximum credit for all work experience courses from all disciplines may not exceed 16 units.	Proposed for College(s): Mesa Originating Campus: MESA
FIELD TRIP REQUIREMENTS: Not required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU.	Effective: Fall 2020

### Subject: Humanities (HUMA) Discipline: Humanities

102 Introduction to the Humanities II	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	Approved
W60. This interdisciplinary course is designed for students interested in meeting general	Proposed for College(s): Mesa
education requirements in humanities. The course develops students' understanding and appreciation of humankind's cultural heritage from approximately 1400CE to the	<b>Originating Campus:</b> MESA
present time. A survey is made of the literature, philosophy, music, painting, architecture, and sculpture of both Western and non-Western civilizations.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC. UC Transfer Course List. CSU General Education.	

## Subject: Humanities (HUMA) Discipline: Humanities

103 Introduction to the New Testament	Offered At: City, Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	
	Proposed for College(s): Mesa
This course provides a survey of the New Testament period (First Century C.E.).	
Emphasis is placed on the history and culture of the New Testament period, the methods of critical analysis of Biblical materials, and the content of the New Testament.	Originating Campus: MESA
The impact of the New Testament on western culture is also examined. This course is	
intended for students of history, literature, anthropology or those with a general interest	Dist. Ed Proposed For
in biblical studies.	College(s): Mesa
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Humanities (HUMA) Discipline: Humanities

104 Introduction to the Old Testament	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 and English 105, each with a grade of "C" or better, or equivalent	
or Milestone R60 and W60.	<b>Proposed for College(s):</b> Mesa
This course is an introduction to the texts and development of the Old Testament	roposed for Conege(s). mesu
(Hebrew Bible) through a critical reading of its writings, taking into account its relevant	<b>Originating Campus:</b> MESA
history, cultural influences, the original language, and the important events,	originating Campus, Willow
personages/characters, ideas, and beliefs of ancient Israel. Also addressed are the	Dist. Ed Proposed For
contributions of other disciplines to a critical understanding of Hebrew Scriptures,	College(s): Mesa
including archaeology, literature, history, current Biblical scholarship and criticism, and	
women's studies. This course may be of particular interest to students in literature,	Effective: Fall 2020
anthropology, and other such disciplines.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

## Subject: Humanities (HUMA) Discipline: Humanities

106 World Religions	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	-
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	-FF
W60.	<b>Proposed for College(s):</b> City
This course is an introduction to the basic elements of the religions of the world, their	i i i i i i i i i i i i i i i i i i i
similarities and differences, and their impact on believers and society. The course	Originating Campus: CITY
includes a study of the historical development, doctrines, rituals, sects, and scriptures of	
the major religions of the world. Some analysis of ancient religious traditions and tribal	<b>Dist. Ed Proposed For College(s):</b> City
religious beliefs and practices may be included. This course is intended for all students	
interested in humanities and the study of world religions.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
FIELD INIT REQUIREMENTS, May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

### Subject: Humanities (HUMA) Discipline: Humanities

118 Eastern Humanities	Offered At: Mesa
48 - 54 hours lecture, 3 units	
	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	- FF /
W60.	Proposed for College(s): Mesa
This interdisciplinary course develops students' understanding and appreciation of the	
arts, literature, philosophy, and religions of Asia—from Prehistory to the Present. It is designed for students interested in Asian civilizations, the Humanities in general, and	<b>Originating Campus: MESA</b>
related disciplines.	Dist. Ed Proposed For
	College(s): Mesa
	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

#### Subject: Humanities (HUMA) Discipline: Humanities

119 Western Humanities	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	
W60.	Proposed for College(s): Mesa
This interdisciplinary course develops students' understanding and appreciation of the	
arts, literature, philosophy, and religions of Europe, Africa, and the Americas-from	<b>Originating Campus:</b> MESA
Prehistory to the Present. It is designed for students interested in European, African, and	8 8 F
American civilizations; the Humanities in general; and related disciplines.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	Effective: Fall 2020

### Subject: Humanities (HUMA) Discipline: Humanities

201 Mythology	Offered At: Mesa, City, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	
W60.	<b>Proposed for College(s):</b> City
This interdisciplinary course introduces students to the major images and themes of the	
myths of widely separated peoples of the world throughout history. By analyzing	<b>Originating Campus:</b> CITY
various archetypal patterns found in the great civilizations and tribal cultures of the	originating campust critic
world, students understand both the uniqueness of each culture's world view and the	Dist. Ed Proposed For College(s): City
commonality of human mythological conceptions. Literature and the arts are used to	
demonstrate these cultures' mythic ideas. This course is meant for students in the	Effective: Fall 2020
Humanities and for those interested in the myths of the world.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC.	
CSU General Education. UC Transfer Course List.	

#### Subject: Humanities (HUMA) Discipline: Humanities

201 Mythology	Offered At: Mesa, City, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	
W60.	Proposed for College(s): Mesa
This interdisciplinary course introduces students to the major images and themes of the	
myths of widely separated peoples of the world throughout history. By analyzing	<b>Originating Campus: MESA</b>
various archetypal patterns found in the great civilizations and tribal cultures of the	
world, students understand both the uniqueness of each culture's world view and the commonality of human mythological conceptions. Literature and the arts are used to	Dist. Ed Proposed For
demonstrate these cultures' mythic ideas. This course is meant for students in the	College(s): Mesa
Humanities and for those interested in the myths of the world.	
frumantices and for those interested in the myths of the world.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List. IGETC.	

### Subject: Humanities (HUMA) Discipline: Humanities

205 Exploring Human Values Through Film	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	
W60.	<b>Proposed for College(s):</b> Mesa
This course is an introduction to the Humanities through the study of film. Emphasis is	
placed on thematic and technical analysis of feature films. Topics include philosophic	<b>Originating Campus:</b> MESA
meaning, moral development, and social responsibility. This course is designed for	originating campust million
Humanities majors and students interested in film and its expression of humanistic	Dist. Ed Proposed For
values.	College(s): Mesa
	8()
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

## Subject: Humanities (HUMA) Discipline: Humanities

210 Women in Religion and Myth	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	II
W60.	Proposed for College(s): Mesa
This interdisciplinary course explores ancient and modern beliefs in female divinities;	I man i gradin
studies the status of women in religions worldwide and throughout history; and analyzes	<b>Originating Campus:</b> MESA
the impact of religious ritual and doctrine on the lives of women, both past and present.	
It is designed for students interested in Women's Studies, Religious Studies,	Dist. Ed Proposed For
Humanities, and related disciplines.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
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<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC. UC Transfer Course List. CSU General Education.	
ou transfer Course List. CSO General Education.	

## Subject: Interior Design (INTE) Discipline: Interior Design

105 Residential Design	Offered At: Mesa
16 - 18 hours lecture, 96 - 108 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Interior Design 101, Interior Design 112B, and Interior Design 115, each	
with a grade of "C" or better, or equivalent.	<b>Proposed for College(s):</b> Mesa
This course introduces interior design students to the planning of residential interiors.	
Emphasis is placed on the interrelationship of interior elements, principles, space	<b>Originating Campus:</b> MESA
planning, and conceptual problem solving in three-dimensional space. This course is	0 0 1
designed for interior design majors.	Dist. Ed Proposed For
	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	
	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU.	

## Subject: Interior Design (INTE) Discipline: Interior Design

110 Materials and Resources	Offered At: Mesa
32 - 36 hours lecture, 48 - 54 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Interior Design 101, Interior Design 112A, and Interior Design 115, each	
with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
This course is a study of the technical specification of finishes, furnishings, and	
equipment needed to complete a variety of interior environments. Emphasis is placed on	Originating Campus: MESA
sustainability. Product knowledge, available resources, industry procedures, and terminology are incorporated. Liabilities and regulations as they pertain to the	
professional interior designer are covered. Finishes, furnishings, and equipment are	Dist. Ed Proposed For
estimated and specified, and are graphically designated on drafted plans and elevations.	College(s): Mesa
This course is designed for students majoring in interior design.	E.C E 11 2020
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Interior Design (INTE) Discipline: Interior Design

112A Visual Communication I	Offered At: Mesa
32 - 36 hours lecture, 48 - 54 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	
or equivalent or Milestone R50 and W50; Mathematics 38 with a grade of "C" or better, or equivalent or Milestone M30.	Proposed for College(s): Mesa
This course is an introduction to interior design drawing and drafting. Emphasis is placed on architectural floor plans, building sections, interior elevations and detailing,	Originating Campus: MESA
lettering, and dimensioning for residential and commercial projects. This course is	Dist. Ed Proposed For
intended for interior design majors.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Interior Design (INTE) Discipline: Interior Design

115 Elements and Principles of Interior Design	Offered At: Mesa
<b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units</b>	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	<i>Ippioveu</i>
or equivalent or Milestone R50 and W50; Mathematics 38 with a grade of "C" or better,	Proposed for College(s): Mesa
or equivalent or Milestone M30; Computer Business Technology 127 with a grade of	r oposeu for Conege(s). Wesa
"C" or better, or equivalent.	<b>Originating Campus:</b> MESA
This course introduces students to the elements and principles of interior design.	originating campus: willow
Emphasis is placed on the analysis of interior environments two and three	Dist. Ed Proposed For
dimensionally. This course includes the creation of two and three dimensional (2D and	College(s): Mesa
3D) design projects illustrating the elements and principles of interior design such as	
scale and proportion, balance, color and light. This course is intended for interior design	Effective: Fall 2020
majors and students interested in interior design	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

### Subject: Interior Design (INTE) Discipline: Interior Design

130 Interior Design Professional Practice	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Interior Design 105 with a grade of "C" or better, or equivalent	
<i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Milestone R60 and W60.	Proposed for College(s): Mesa
This course is a study of the business and management of a professional interior design practice. Emphasis is placed on client/designer communication, phases of design,	<b>Originating Campus:</b> MESA
project management, legal issues, business practices, marketing, and project	Dist. Ed Proposed For
presentation for residential and commercial design. This course is intended for Interior	College(s): Mesa
Design majors.	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

## Subject: Interior Design (INTE) Discipline: Interior Design

200 Kitchen and Bath Design	Offered At: Mesa
32 - 36 hours lecture, 48 - 54 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Interior Design 105, Interior Design 110, and Interior Design 145, each with a grade of "C" or better, or equivalent. This course is a study of kitchen and bath design. Emphasis is placed on the application of National Kitchen and Bath Association (NKBA) Planning Guidelines and NKBA Access Planning Guidelines to universal design projects. Topics include identifying	Proposed for College(s): Mesa Originating Campus: MESA
project needs, materials selection, space planning, and contract documents. This course is designed for students majoring in Interior Design,	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Interior Design (INTE) Discipline: Interior Design

205 Non-Residential Space Planning	Offered At: Mesa
16 - 18 hours lecture, 96 - 108 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Interior Design 105, Interior Design 110, Interior Design 145 and Interior	
Design 120 or Interior Design 135, each with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
This course is a design studio that introduces non-residential interior space planning and	
design. Emphasis is placed on the design process, building codes, and furniture	<b>Originating Campus: MESA</b>
placement as they relate to space planning and construction drawing preparation. This	0 0 I
course is intended for students majoring in Interior Design.	Dist. Ed Proposed For
	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	
	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU.	

### Subject: Interior Design (INTE) Discipline: Interior Design

210 Presentation and Color Rendering	Offered At: Mesa
32 - 36 hours lecture, 48 - 54 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Interior Design 112B and Interior Design 115, each with a grade of "C" or	
better, or equivalent.	<b>Proposed for College(s):</b> Mesa
This course is a hands-on study of color rendering techniques, presentation methods and	
portfolio development. Students use quick sketching methods and color to communicate	<b>Originating Campus:</b> MESA
design solutions. Students render floor plans, perspectives, and interior furnishings. This	0 0 1
course is intended for students majoring in Interior Design.	Dist. Ed Proposed For
	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Effective: Fall 2020

### Subject: Interior Design (INTE) Discipline: Interior Design

215 Environmental Lighting Design	Offered At: Mesa
48 - 54 hours lecture, 3 units	
	Action(s) Proposed: Distance Learning
	- No Other Action
<b>REQUISITES:</b>	Approved
creating environmentally effective and aesthetically pleasing lighting design solutions	Proposed for College(s): Mesa
for both commercial and residential applications. This course is intended for students majoring in Interior Design.	<b>Originating Campus:</b> MESA
WHELD TODD DECOULDENAN'N' NO MARK have a gammad	Dist. Ed Proposed For College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Effective: Fall 2020

### Subject: Interior Design (INTE) Discipline: Interior Design

270 Work Experience	Offered At: Mesa
60 - 300 hours other, 1-4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Interior Design 101 with a grade of "C" or better, or equivalent. A program of on-the-job learning experiences for students employed in a job related to their major. The combined maximum credit for all work experience courses from all	Proposed for College(s): Mesa
disciplines may not exceed 16 units.	<b>Originating Campus: MESA</b>
FIELD TRIP REQUIREMENTS: Not required	Dist. Ed Proposed For
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	College(s): Mesa
	Effective: Fall 2020

## Subject: Japanese (JAPN) Discipline: Foreign Languages

210 Conversation and Composition in Japanese I	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Japanese 102 with a grade of "C" or better, or equivalent.	
This is an interactive course in Japanese conversation and composition at the intermediate level. In this course, students are encouraged to express themselves	Proposed for College(s): Mesa
creatively both orally and in writing as they explore a variety of topics in Japanese. This course is intended for students who have completed the first two courses in the Japanese	Originating Campus: MESA
language sequence.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Japanese (JAPN) Discipline: Foreign Languages

211 Conversation and Composition in Japanese II	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Japanese 210 with a grade of "C" or better, or equivalent.	11
This is an interactive course in Japanese conversation and composition at the	Proposed for College(s): Mesa
intermediate-advanced level. In this course, students are encouraged to express	
themselves creatively both orally and in writing as they explore a variety of topics in Japanese at an intermediate-advanced level. This course is a continuation of JAPN 210,	<b>Originating Campus:</b> MESA
intended for students who want to further enhance their skills in Japanese	
1	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

## Subject: Mathematics (MATH) Discipline: Mathematics

57A Beginning Algebra and Practical Descriptive Statistics 48 - 54 hours lecture, 48 - 54 hours lab, 4 units	Offered At: City, Miramar
	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Mathematics 47A with a grade of "C" or better. This course is the first of a two course sequence in the study of statistical methods	Proposed for College(s): City
integrated with algebraic tools to prepare students to analyze processes encountered in society and the workplace. The course covers an introduction to algebra and descriptive	<b>Originating Campus:</b> CITY
statistics in an integrated approach. Topics include data collection, organizing and interpreting data graphically, qualitative and quantitative data sets, measures of central	Dist. Ed Proposed For College(s): City
tendency and measures of dispersion, bivariate data and scatter plots, linear functions and their graphs, nonlinear functions and their graphs, and applying technology to calculate various types of regressions. Students are expected to implement technology to perform calculations to organize data in order to make statistical conclusions. This sequence of courses is intended for students that are not planning on majoring in a	Effective: Fall 2020
science, technology, engineering, or mathematics related disciplines. FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

#### Subject: Mathematics (MATH) Discipline: Mathematics

92 Applied Beginning and Intermediate Algebra	Offered At: Miramar, City, Mesa
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	11
Mathematics 265S or Mathematics 96.	Proposed for College(s): Mesa
This course emphasizes real world applications in the development of beginning and	
intermediate algebraic topics. Topics include a review of fractions, decimals and	<b>Originating Campus:</b> MESA
percents, as well as the development of linear, quadratic, rational, radical, exponential	
and logarithmic functions. This course is designed for those students whose major and	Dist. Ed Proposed For
transfer institution requires only statistics or math for liberal arts as the transfer level math course for the degree.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
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TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

## Subject: Mathematics (MATH) Discipline: Mathematics

115 Gateway to Experimental Statistics	Offered At: City, Miramar
48 - 54 hours lecture, 48 - 54 hours lab, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Mathematics 47A or Mathematics 57A, each with a grade of "C" or better,	
or equivalent Statway I.	Proposed for College(s): City
This course is a second in the study of statistical methods integrated with algebraic tools	i i i i i i i i i i i i i i i i i i i
to prepare students to analyze these processes encountered in society and the workplace.	<b>Originating Campus:</b> CITY
The course covers a review of functions, their geometric properties, counting principles	0 0 I
and probability rules, probability distribution functions, sampling, and inferential	Dist. Ed Proposed For College(s): City
statistics of one and two variable data sets. Students are expected to implement	
technology to perform calculations to analyze data and make statistical conclusions.	Effective: Fall 2020
This sequence of courses is intended for students that are not planning on majoring in a	
science, technology, engineering or mathematics related discipline.	
FIELD TRIP REQUIREMENTS: May be required	
TDANSEED ADDI ICADII ITV. Associate Decreas Credit & transfer to CSU CSU	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List.	[

## Subject: Mathematics (MATH) Discipline: Mathematics

122 Basic Techniques of Calculus II	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	-
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Mathematics 121 with a grade of "C" or better, or equivalent.	
This second course in a math sequence covers methods of integration, multivariable functions and optimization problems, differential equations, Taylor series development	Proposed for College(s): Mesa
and application, derivatives and integrals of trigonometric functions, and their usage in	<b>Originating Campus:</b> MESA
solving problems encountered in real-world applications in business, life and social	
sciences and economics. This course is intended for students majoring in business,	Dist. Ed Proposed For
natural science, social science and economics.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

### Subject: Mathematics (MATH) Discipline: Mathematics

210A Concepts of Elementary School Mathematics I	Offered At: City, Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Mathematics 96 with a grade of "C" or better, or equivalent or Milestone	-FF
M50 or Mathematics 92 with a grade of "C" or better, or equivalent or Milestone M40.	Proposed for College(s): Mesa
This course is a study of the mathematical concepts needed for teaching elementary	
school mathematics with emphasis on number and function. This course promotes an	<b>Originating Campus:</b> MESA
appreciation of the importance of logical thinking and applications of mathematics in	B B F
problem solving and critical thinking. It studies the basic computational skills, but also	Dist. Ed Proposed For
requires the understanding and explanation of the basic mathematical concepts and the	College(s): Mesa
connections between them. This course includes content relevant to national and state	
curriculum standards for elementary school mathematics. It is designed for students	Effective: Fall 2020
preparing for credentials in elementary education.	
FIELD TO DE OLUDEMENTO, Marchannessinal	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List.	
General Education. OC Transfer Course Efst.	

## Subject: Mathematics (MATH) Discipline: Mathematics

0A Concepts of Elementary School Mathematics I Offered At: City,	Mesa
48 - 54 hours lecture, 3 units	
Grade Only Action(s) Propose	U
- No Other Action	
EQUISITES: Approved	
erequisite: Mathematics 96 with a grade of "C" or better, or equivalent or Milestone	
50 or Mathematics 92 with a grade of "C" or better, or equivalent or Milestone M40. <b>Proposed for Coll</b>	lege(s): City
is course is a study of the mathematical concepts needed for teaching elementary	
nool mathematics with emphasis on number and function. This course promotes an Originating Cam	pus: CITY
preciation of the importance of logical thinking and applications of mathematics in	
bblem solving and critical thinking. It studies the basic computational skills, but also <b>Dist. Ed Proposed</b>	I For College(s): City
juires the understanding and explanation of the basic mathematical concepts and the	
nnections between them. This course includes content relevant to national and state missibum standards for elementary school methometries. It is designed for students.	20
rriculum standards for elementary school mathematics. It is designed for students eparing for credentials in elementary education.	
paring for credentials in clementary education.	
ELD TRIP REQUIREMENTS: May be required	
ELD INI REQUIREMENTS, May or required	
RANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
eneral Education. UC Transfer Course List.	

### Subject: Mathematics (MATH) Discipline: Mathematics

210B Concepts of Elementary School Mathematics II	Offered At: City, Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Mathematics 210A with a grade of "C" or better, or equivalent.	
Advisory: English 101 or English 105 with a grade of "C" or better, or equivalent or	<b>Proposed for College(s):</b> City
Milestone R60 and W60.	
This course is the second course in a one-year sequence in the study of the	Originating Campus: CITY
mathematical concepts needed for teaching elementary school mathematics with	
emphasis on geometry, transformational geometry, and measurement. This course also	<b>Dist. Ed Proposed For College(s):</b> City
promotes an appreciation of the importance of logical thinking and applications of mathematics in problem solving and critical thinking. It studies the understanding and	
explanation of the basic mathematical concepts and the connections between them.	Effective: Fall 2020
Analytical reading and problem solving are required for success in this course. It is	
designed especially for students preparing for credentials in elementary education.	
designed especially for students proparing for eredentials in elementary education.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List.	

### Subject: Mathematics (MATH) Discipline: Mathematics

210B Concepts of Elementary School Mathematics II	Offered At: City, Mesa
48 - 54 hours lecture, 3 units Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Mathematics 210A with a grade of "C" or better, or equivalent. <i>Advisory:</i> English 101 or English 105 with a grade of "C" or better, or equivalent or Milestone R60 and W60.	Proposed for College(s): Mesa
This course is the second course in a one-year sequence in the study of the mathematical concepts needed for teaching elementary school mathematics with	<b>Originating Campus: MESA</b>
emphasis on geometry, transformational geometry, and measurement. This course also promotes an appreciation of the importance of logical thinking and applications of mathematics in problem solving and critical thinking. It studies the understanding and	Dist. Ed Proposed For College(s): Mesa
explanation of the basic mathematical concepts and the connections between them. It is designed especially for students preparing for credentials in elementary education. Analytical reading and problem solving are required for success in this course.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. UC Transfer Course List.	

### Subject: Mathematics (MATH) Discipline: Mathematics

245 Discrete Mathematics	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	Action(s) Proposed: Distance Learning - No Other Action Approved Proposed for College(s): City Originating Campus: CITY
propositional and predicate logic, methods of proof, set theory, Boolean algebra, number theory, equivalence and order relations, and functions. This forms a basis for upper division courses in mathematics and computer science, and is intended for the	Dist. Ed Proposed For College(s): City Effective: Fall 2020
transfer student planning to major in these disciplines. FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

## Subject: Mathematics (MATH) Discipline: Mathematics

245 Discrete Mathematics	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Mathematics 122 or Mathematics 151, each with a grade of "C" or better,	
or equivalent.	Proposed for College(s): Mesa
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	
W60.	<b>Originating Campus: MESA</b>
This course is an introduction to the theory of discrete mathematics and introduces	
elementary concepts in logic, set theory, and number theory. The topics covered include	Dist. Ed Proposed For
propositional and predicate logic, methods of proof, set theory, Boolean algebra,	College(s): Mesa
number theory, equivalence and order relations, and functions. This forms a basis for	
upper division courses in mathematics and computer science, and is intended for the	Effective: Fall 2020
transfer student planning to major in these disciplines.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

### Subject: Mathematics (MATH) Discipline: Mathematics

245 Discrete Mathematics	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Prerequisite:</i> Mathematics 122 or Mathematics 151, each with a grade of "C" or better,	Approved
or equivalent. <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Milestone R60 and W60.	Proposed for College(s): Miramar
This course is an introduction to the theory of discrete mathematics and introduces elementary concepts in logic, set theory, and number theory. The topics covered	Originating Campus: MIRAMAR
include propositional and predicate logic, methods of proof, set theory, Boolean algebra, number theory, equivalence and order relations, and functions. This forms a	<b>Dist. Ed Proposed For</b> <b>College(s):</b> Miramar
basis for upper division courses in mathematics and computer science, and is intended for the transfer student planning to major in these disciplines.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

## Subject: Mathematics (MATH) Discipline: Mathematics

252 Calculus with Analytic Geometry III	Offered At: City, Mesa, Miramar
64 - 72 hours lecture, 4 unit	
Grade Onl	y Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Mathematics 151 with a grade of "C" or better, or equivalent.	11
This course includes the algebra and geometry of 2 and 3 dimensional Euclidean	<b>Proposed for College(s):</b> Mesa
vectors, the algebra and calculus of multivariable functions including composition of	
functions, limits, continuity, partial differentiation, gradients, higher order derivatives,	<b>Originating Campus: MESA</b>
the chain rule, constrained and unconstrained optimization including Lagrange's	
theorem, multiple integrals, integrals over paths and surfaces, and integral theorems of	Dist. Ed Proposed For
vector analysis. This course is intended as a general introduction to the theory and	College(s): Mesa
applications of multivariable calculus. This course is essential for most upper division	
courses in mathematics and forms part of the foundation for engineering and physics.	Effective: Fall 2020
The course is intended for the students interested and/or planning to major in	
mathematics, physics, astronomy, engineering, computer science, physical chemistry, operational research, or economics.	
operational research, of economics.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

### Subject: Mathematics (MATH) Discipline: Mathematics

252 Calculus with Analytic Geometry III	Offered At: City, Mesa, Miramar
64 - 72 hours lecture, 4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Mathematics 151 with a grade of "C" or better, or equivalent.	
This course includes the algebra and geometry of 2 and 3 dimensional Euclidean	<b>Proposed for College(s):</b> City
vectors, the algebra and calculus of multivariable functions including composition of	
functions, limits, continuity, partial differentiation, gradients, higher order derivatives,	<b>Originating Campus:</b> CITY
the chain rule, constrained and unconstrained optimization including Lagrange's	
theorem, multiple integrals, integrals over paths and surfaces, and integral theorems of	Dist. Ed Proposed For College(s): City
vector analysis. This course is intended as a general introduction to the theory and	
applications of multivariable calculus. This course is essential for most upper division	Effective: Fall 2020
courses in mathematics and forms part of the foundation for engineering and physics.	
The course is intended for the students interested and/or planning to major in mathematics, physics, astronomy, engineering, computer science, physical chemistry,	
operational research, or economics.	
operational research, or economics.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

#### Subject: Music Commercial (MUSC) Discipline: Commercial Music

70 Commercial Music Performance	Offered At: City
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	
Advisory: Music Commercial 50 with a grade of "C" or better, or equivalent.	Proposed for College(s): City
This course is a study in live performance techniques as applied to commercial and	Approved
popular music. Emphasis is placed on the application of basic music theory to live	11
performance and improvisation, performing in and arranging/composing for small	Originating Campus: CITY
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	Dist. Ed Proposed For College(s): City
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	Effective: Fall 2020
commercial music performance.	
commercial music performance.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Music Commercial (MUSC) Discipline: Commercial Music

152 Sound Design and Digital Audio Post Production	Offered At: City
32 - 36 hours lecture, 48 - 54 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Music Commercial 80 with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: This course is not open to students with previous credit for	<b>Proposed for College(s):</b> City
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	Originating Campus: CITY
(DAW) to produce original audio tracks. This course is intended for students majoring	Dist. Ed Proposed For College(s): City
in Commercial Music.	Dist. La Proposea Por Conege(s). Ony
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU.	

#### Subject: Music (MUSI) Discipline: Education

110 Music for Elementary School Teachers	Offered At: City, Mesa
40 - 45 hours lecture, 24 - 27 hours lab, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
This course prepares students to teach music as part of the curriculum in the elementary school classroom, the preschool, or day-care program. Students develop an	Approved
understanding of musical concepts primarily by singing and playing an instrument, and practice using lesson plans for teaching these concepts to children.	Proposed for College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	<b>Originating Campus: MESA</b>
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Dist. Ed Proposed For College(s): Mesa
	Effective: Fall 2020

### Subject: Music (MUSI) Discipline: Music

116A Piano Class I	Offered At: Mesa, Miramar, City
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: This course is not open to students with previous credit for	11
Music 115A.	Proposed for College(s): Mesa
This course explores the process of making music at the piano. The focus of the course	
is to provide a musical experience for students to continue a life-long pursuit of self-	Originating Campus: MESA
expression. This course also emphasizes developing fundamental techniques needed to	
play the piano. The concept of music theory is also included. Students learn piano techniques and applicable music theory by playing music on the piano though simple	Dist. Ed Proposed For
solo and ensemble pieces. This course is designed for all students interested in learning	College(s): Mesa
to play the piano.	
to play the plano.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	
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#### Subject: Music (s) Discipline: Music

116A Piano Class I	Offered At: Mesa, Miramar, City
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: This course is not open to students with previous credit for	11
Music 115A.	<b>Proposed for College(s):</b> City
This course explores the process of making music at the piano. The focus of the course	
is to provide a musical experience for students to continue a life-long pursuit of self-	Originating Campus: CITY
expression. This course also emphasizes developing fundamental techniques needed to	
play the piano. The concept of music theory is also included. Students learn piano techniques and applicable music theory by playing music on the piano though simple	<b>Dist. Ed Proposed For College(s):</b> City
solo and ensemble pieces. This course is designed for all students interested in learning	
to play the piano.	Effective: Fall 2020
to pluy the pluto.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

116A Piano Class I	Offered At: Mesa, Miramar, City
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Approved
Music 115A. This course explores the process of making music at the piano. The focus of the course	Proposed for College(s): Miramar
is to provide a musical experience for students to continue a life-long pursuit of self- expression. This course also emphasizes developing fundamental techniques needed to	<b>Originating Campus:</b> MIRAMAR
play the piano. The concept of music theory is also included. Students learn piano techniques and applicable music theory by playing music on the piano though simple solo and ensemble pieces. This course is designed for all students interested in learning	Dist. Ed Proposed For College(s): Miramar
to play the piano.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

116B Piano Class II	Offered At: City, Mesa, Miramar
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	-
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Music 116A 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 Music 115B.	Proposed for College(s): Mesa
This course further explores the process of making music at the piano as the second semester of piano studies. Students learn piano techniques and applicable music theory	<b>Originating Campus:</b> MESA
by playing music on the piano with additional sight-reading and intermediate piano solo	Dist. Ed Proposed For
and ensemble music. The course is designed for all students who are interested in further expanding piano studies.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

116B Piano Class II	Offered At: City, Mesa, Miramar
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 116A with a grade of "C" or better, or equivalent.	11
Limitation on Enrollment: This course is not open to students with previous credit for	<b>Proposed for College(s):</b> City
Music 115B.	
This course further explores the process of making music at the piano as the second	Originating Campus: CITY
semester of piano studies. Students learn piano techniques and applicable music theory	
by playing music on the piano with additional sight-reading and intermediate piano solo and ensemble music. The course is designed for all students who are interested in	<b>Dist. Ed Proposed For College(s):</b> City
further expanding piano studies.	
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

## Subject: Music (MUSI) Discipline: Music

116B Piano Class II	Offered At: City, Mesa, Miramar
	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Prerequisite:</i> Music 116A with a grade of "C" or better, or equivalent.	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Music 115B.	Proposed for College(s): Miramar
This course further explores the process of making music at the piano as the second semester of piano studies. Students learn piano techniques and applicable music theory	Originating Campus: MIRAMAR
by playing music on the piano with additional sight-reading and intermediate piano solo and ensemble music. The course is designed for all students who are interested in further expanding piano studies.	<b>Dist. Ed Proposed For</b> <b>College(s):</b> Miramar
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

117 Music in the United States	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	11
or equivalent or Milestone R50 and W50.	Proposed for College(s): Mesa
This course introduces students to the history and style of various genres of music from	
the United States covering pre-colonial times to the present including Native American,	Originating Campus: MESA
Native Hawaiian, religious, martial, classical, folk, blues, ragtime, American popular	
song, jazz, country, rock, and rap. Analytical, aural, historical, and socio-cultural tools	Dist. Ed Proposed For
will be used to interpret music in the USA in the broadest perspective relating music to race, identity, gender, and popular culture technology. This course is for students	College(s): Mesa
majoring in music or for those who have an interest in music.	
majoring in music of for mose who have an interest in music.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
THE TRI RECORDINENTS, May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

118 Asian Music	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	
or equivalent or Milestone R50 and W50.	<b>Proposed for College(s):</b> Mesa
This course introduces various traditional Asian musics including India, the Middle	
East, East Asia, Southeast Asia, Central Asia, and Oceania. Areas of emphasis will be	<b>Originating Campus:</b> MESA
on learning about types of musical instruments, ensembles, musical styles, relevant	5 5 F
history & geography, cultural contexts, and functions of music in traditional societies.	Dist. Ed Proposed For
This course is intended for music majors or anyone interested in music.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

119 Music in the Americas, Africa & Europe	Offered At: Mesa
48 - 54 hours lecture, 3 units Grade Only	Action(s) Proposed: Distance Learning - No Other Action
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	Approved
or equivalent or Milestone R50 and W50. This course introduces various traditional musics of the Americas, Sub-Saharan Africa,	Proposed for College(s): Mesa
and Western Europe. Areas of emphasis will be on learning about types of musical instruments, ensembles, musical styles, relevant history & geography, cultural contexts, functions of music in traditional societies, and cultural retention and syncretism in order	<b>Originating Campus:</b> MESA
to understand how the music and culture of these areas of the world are related. This course is intended for music majors or any student interested in music.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

120 Voice Class I	Offered At: Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50.	Approved Proposed for College(s): Mesa
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Music 120A. This course is an opportunity to explore your singing voice. To become a more	Originating Campus: MESA
expressive singer, a variety of songs are used for developing the range, volume, and tone color of your solo voice. A goal of the course is to provide a musical experience that inspires students to continue singing as a source of self-expression and growth.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

121 Voice Class II	Offered At: Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 120 with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: This course is not open to students with previous credit for	<b>Proposed for College(s):</b> Mesa
Music 120B.	
This intermediate voice class is an in-depth study of specific elements of efficient vocal	<b>Originating Campus:</b> MESA
technique and performance. These include vowel purity, the International Phonetic	
Alphabet (IPA) to sing Italian songs, belt singing, and managing stage fright. Vocal	Dist. Ed Proposed For
exercises and songs from various music styles are performed, including selections made	College(s): Mesa
by students. Choral singers, all music majors, elementary education majors and students	
considering singing as a profession benefit from this class.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
THED THE RECORDINENTS, May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	
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#### Subject: Music (MUSI) Discipline: Music

123A Recital Hour I	Offered At: Mesa
24 - 27 hours lab, 0.5 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	
or equivalent or Milestone R50 and W50.	Proposed for College(s): Mesa
Limitation on Enrollment: This course is not open to students with previous credit for	1 8()
Music 123.	<b>Originating Campus:</b> MESA
Recital Hour offers a weekly series of live musical concerts in a variety of popular, folk,	8 8 1
classical, and world musics for a beginning level audience. Concerts feature well-	Dist. Ed Proposed For
known international performers, music faculty, and music student performers. This	College(s): Mesa
course is designed for anyone interested in music.	
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Not required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

123B Recital Hour II	Offered At: Mesa
24 - 27 hours lab, 0.5 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 123A with a grade of "C" or better, or equivalent. Recital Hour offers a weekly series of live musical concerts in a variety of popular, folk, classical, and world musics for an intermediate level audience. Concerts feature well-known international performers, music faculty, and music student performers. This	Proposed for College(s): Mesa Originating Campus: MESA
course is designed for anyone interested in music.	
FIELD TRIP REQUIREMENTS: Not required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Music (MUSI) Discipline: Music

123C Recital Hour III	Offered At: Mesa
24 - 27 hours lab, 0.5 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 123B with a grade of "C" or better, or equivalent.	II
Recital Hour offers a weekly series of live musical concerts in a variety of popular, folk, classical, and world musics for an intermediate-advanced level audience. Concerts	Proposed for College(s): Mesa
feature well-known international performers, music faculty, and music student	<b>Originating Campus:</b> MESA
performers. This course is designed for anyone interested in music.	
FIELD TRIP REQUIREMENTS: Not required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

\*Requires Board of Trustees approval prior to implementation

~Course requires CCCCO submission

#### Subject: Music (MUSI) Discipline: Music

123D Recital Hour IV	Offered At: Mesa
24 - 27 hours lab, 0.5 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 123C with a grade of "C" or better, or equivalent. Recital Hour offers a weekly series of live musical concerts in a variety of popular, folk, classical, and world musics for an advanced level audience. Concerts feature well-known international performers, music faculty, and music student performers. This course is designed for anyone interested in music.	11
FIELD TRIP REQUIREMENTS: Not required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Music (MUSI) Discipline: Music

125 Music, the Arts, and Society	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	
W60.	Proposed for College(s): Mesa
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	<b>Originating Campus: MESA</b>
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	Dist. Ed Proposed For
define their own identity through musical and cultural practices. In addition, this course	College(s): Mesa
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.	Effective: Fall 2020
community. This course is intended for an students interested in music and culture.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. IGETC.	
UC Transfer Course List. CSU General Education.	

#### Subject: Music (MUSI) Discipline: Music

135A Guitar Class I	Offered At: Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
This is a beginning course designed for students who want to study basic guitar technique and music theory. Students will learn how to read music notation, perform	Approved
simple solo guitar pieces, basic guitar chords and apply finger style guitar techniques. A goal of this course is to provide the student with a lifelong ability to make guitar music	Proposed for College(s): Mesa
and acquire the skills necessary to reflect upon their process of learning.	<b>Originating Campus:</b> MESA
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	College(s): Mesa
Transfer Course List.	Effective: Fall 2020

### Subject: Music (MUSI) Discipline: Music

135B Guitar Class II	Offered At: Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Music 135A with a grade of "C" or better, or equivalent.	
This is an intermediate course designed for students who want to further their studies of guitar techniques and music theory. Students will learn how to read music notation in	Proposed for College(s): Mesa
all twelve keys and apply more advanced finger style guitar techniques. A goal of this	Originating Campus: MESA
course is to provide the student with a lifelong ability to make guitar music and acquire	Dist. Ed Proposed For
the skills necessary to reflect upon their process of learning.	College(s): Mesa
FIELD TRIP REQUIREMENTS: Required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

150A Basic Musicianship	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or	II
better, or equivalent or Milestone R50 and W50.	<b>Proposed for College(s):</b> Miramar
This course is the study and practice of musical literacy. Emphasis is placed on the	-Frank
development of perceptions in sight and sound as related to the symbols of rhythmic,	<b>Originating Campus:</b> MIRAMAR
melodic, and harmonic notation. Topics include skill development in notating notes,	
intervals, scales, key signatures, rhythms, and chords. Students also identify terms used	Dist. Ed Proposed For
to indicate navigation, tempo, and dynamics. This course is designed for music majors	College(s): Miramar
and musicians.	
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

158A Music Theory I	Offered At: Mesa, City, Miramar
64 - 72 hours lecture, 4 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Music 150A with a grade of "C" or better, or equivalent.	11
Advisory: Concurrent enrollment in: Music 268A.	Proposed for College(s): Miramar
This course is a study of music, including structural, historical and stylistic analysis of	
music of Western classical music, World music, jazz, and popular music. The class will discuss the cultural, social and technical significance of the musical literature,	<b>Originating Campus: MIRAMAR</b>
examining rhythms, intervals, chords, cadences, melodies, phrases, notes and scales.	
Students will develop four-part writing skills using diatonic triads and seventh chords,	Dist. Ed Proposed For
and learn how to read and compose with figured bass, lead sheet chord symbols and	College(s): Miramar
standard musical notation. The history of notation and practice will be discussed as	Effective: Fall 2020
students develop skills in notation software and handwritten notation. This course is	
intended for music majors.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

~Course requires CCCCO submission

#### Subject: Music (MUSI) Discipline: Music

158A Music Theory I	Offered At: Mesa, City, Miramar
64 - 72 hours lecture, 4 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 150A with a grade of "C" or better, or equivalent.	
Advisory: Concurrent enrollment in: Music 268A.	Proposed for College(s): Mesa
This course is a study of music, including structural, historical and stylistic analysis of	g-(-)
music of Western classical music, World music, jazz, and popular music. The class will	<b>Originating Campus:</b> MESA
discuss the cultural, social and technical significance of the musical literature,	
examining rhythms, intervals, chords, cadences, melodies, phrases, notes and scales.	Dist. Ed Proposed For
Students will develop four-part writing skills using diatonic triads and seventh chords,	College(s): Mesa
and learn how to read and compose with figured bass, lead sheet chord symbols and	
standard musical notation. The history of notation and practice will be discussed as	Effective: Fall 2020
students develop skills in notation software and handwritten notation. This course is	
intended for music majors.	
FIELD TRIP REQUIREMENTS: May be required	
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TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

158B Music Theory II	Offered At: Mesa, City, Miramar
64 - 72 hours lecture, 4 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 158A with a grade of "C" or better, or equivalent.	11
Advisory: Concurrent enrollment in: Music 268B.	Proposed for College(s): Miramar
This course series continues in its study of diatonic music including the structural,	
historical and stylistic analysis of music of Western classical music, World music, jazz,	<b>Originating Campus:</b> MIRAMAR
and popular music. The class will discuss the cultural, social and technical significance	
of the musical literature, examining how melody, structure, harmony, and chord	Dist. Ed Proposed For
progressions, have an impact on the listener. The course will include analysis of	College(s): Miramar
Baroque and Classical pieces of music and an examination of large-scale events and	
form. The course will also include identifying, creating, and composing with the modes of the major scale. Students will continue to develop four-part writing skills using	Effective: Fall 2020
triads and seventh chords, non-harmonic tones, suspensions, retardations, figured bass,	
6/4 chords, modulations and tonicizations. The history of notation and practice will be	
discussed as students develop skills in notation software and handwritten notation. This	
course is intended for music majors.	
course is intended for induce inducts.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

158B Music Theory II	Offered At: Mesa, City, Miramar
64 - 72 hours lecture, 4 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 158A with a grade of "C" or better, or equivalent.	11
Advisory: Concurrent enrollment in: Music 268B.	Proposed for College(s): Mesa
This course series continues in its study of diatonic music including the structural,	-Fritten - Britty
historical and stylistic analysis of music of Western classical music, World music, jazz,	<b>Originating Campus:</b> MESA
and popular music. The class will discuss the cultural, social and technical significance	0 0 I
of the musical literature, examining how melody, structure, harmony, and chord	Dist. Ed Proposed For
progressions, have an impact on the listener. The course will include analysis of	College(s): Mesa
Baroque and Classical pieces of music and an examination of large-scale events and	
form. The course will also include identifying, creating, and composing with the modes	Effective: Fall 2020
of the major scale. Students will continue to develop four-part writing skills using triads and seventh chords, non-harmonic tones, suspensions, retardations, figured bass, 6/4	
chords, modulations and tonicizations. The history of notation and practice will be	
discussed as students develop skills in notation software and handwritten notation. This	
course is intended for music majors.	
course is intended for music majors.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

174A Individualized Study I	Offered At: Mesa
8 - 9 hours lecture, 24 - 27 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 150A with a grade of "C" or better, or equivalent.	11
<i>Limitation on Enrollment:</i> Tryout or Audition. This course is not open to students with previous credit for Music 276A.	Proposed for College(s): Mesa
This course is a study in developing technical skills beyond an entry level to perform and present repertoire for a specific instrument or voice. This course is designed for	<b>Originating Campus:</b> MESA
music majors whose technical skills are evident but not yet adequate to begin addressing the needs of artistic self-expression. Students are expected to obtain fifteen	Dist. Ed Proposed For
one-hour private lessons on their instrument to meet the course objectives. Entrance is	College(s): Mesa
by audition.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

174B Individualized Study II	Offered At: Mesa
8 - 9 hours lecture, 24 - 27 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 174A with a grade of "C" or better, or equivalent.	11
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Music 276B. Tryout or Audition.	
This course is a study in developing technical skills beyond a beginning level to	<b>Originating Campus: MESA</b>
perform and present repertoire for a specific instrument or voice. This course is designed for music majors whose technical skills are evident but not yet adequate to	
begin addressing the needs of artistic self-expression. Students are expected to obtain	Dist. Ed Proposed For
fifteen one-hour private lessons on their instrument to meet the course objectives.	College(s): Mesa
inteen one-nour private ressons on their instrument to meet the course objectives.	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

174C Individualized Study III	Offered At: Mesa
8 - 9 hours lecture, 24 - 27 hours lab, 1 units Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Prerequisite:</i> Music 174B with a grade of "C" or better, or equivalent.	Approved
<i>Limitation on Enrollment:</i> Tryout or Audition. This course is not open to students with previous credit for Music 276C.	Proposed for College(s): Mesa
This course is a study in developing technical skills at the intermediate level to perform and present repertoire for a specific instrument or voice. This course is designed for	<b>Originating Campus:</b> MESA
music majors whose technical skills are evident but not yet adequate to begin addressing the needs of artistic self-expression. Students are expected to obtain fifteen one-hour private lessons on their instrument to meet the course objectives.	<b>Dist. Ed Proposed For</b> College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

174D Individualized Study IV	Offered At: Mesa
8 - 9 hours lecture, 24 - 27 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 174C with a grade of "C" or better, or equivalent.	11
<i>Limitation on Enrollment:</i> Tryout or Audition. This course is not open to students with	Proposed for College(s): Mesa
previous credit for Music 276D.	
This course is a study of performing and presenting repertoire using appropriate techniques for a specific instrument or voice. Students are expected to obtain fifteen	<b>Originating Campus: MESA</b>
one-hour private lessons on their instrument to meet the course objectives. This course	
is designed for music majors whose technical skills are beyond the intermediate level	Dist. Ed Proposed For
but not yet adequate to begin addressing the needs of artistic self-expression.	College(s): Mesa
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	Enecuve: Fail 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

190 Electronic Music Studio	Offered At: City, Mesa, Miramar
40 - 45 hours lecture, 24 - 27 hours lab, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: Completion of or concurrent enrollment in: Music 150A with a grade of "C"	11
or better, or equivalent.	Proposed for College(s): Mesa
computer music applications. Students design and create projects using microphones,	<b>Originating Campus:</b> MESA
recorders, mixing boards, synthesizers, and samplers. This course is designed for all	Dist. Ed Proposed For
students interested in making electronic music in a recording studio.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Music (MUSI) Discipline: Music

201 Recording Arts	Offered At: Mesa, Miramar
40 - 45 hours lecture, 24 - 27 hours lab, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 190 with a grade of "C" or better, or equivalent.	
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	Proposed for College(s): Mesa
or equivalent or Milestone R50 and W50.	
Advisory: Completion of or concurrent enrollment in: Music 150A with a grade of "C"	<b>Originating Campus:</b> MESA
or better, or equivalent.	
This course is a study of advanced acoustics and electronic theory as applied to	Dist. Ed Proposed For
recording, mixing, and sound processing. Emphasis is placed on the various	College(s): Mesa
applications of advanced recording, microphone use, and mixing, such as editing,	
effects processing, music concrete composition, and other techniques for music	Effective: Fall 2020
composition. This course is intended for advanced music students who work with	
recording equipment.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

### Subject: Music (MUSI) Discipline: Music

202 Computer Music	Offered At: City, Mesa, Miramar
40 - 45 hours lecture, 24 - 27 hours lab, 3 units Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 190 with a grade of "C" or better, or equivalent. <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50; Music 150A with a grade of "C" or better, or	Proposed for College(s): Mesa
equivalent.	<b>Originating Campus:</b> MESA
This course is a study of the application of contemporary digital technology to the practice of music performance and composition. Emphasis in this course is on acquisition of computer skills to access and manipulate musical data via MIDI (musical instrument digital interface), hard disk audio files and other digital formats. These skills	Dist. Ed Proposed For College(s): Mesa
allow students to digitally sample sounds, control synthesizers and samplers, access and	Effective: Fall 2020
alter audio files, sequence music, transcribe and print musical scores and conceive new techniques for music composition. This course is designed for students who are interested in continuing their education in the Electronic Music Studio.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

~Course requires CCCCO submission

205A Projects in Electronic Music I	Offered At: Mesa, Miramar
40 - 45 hours lecture, 24 - 27 hours lab, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Music 190 with a grade of "C" or better, or equivalent.	
This course provides instruction in music technology applications. Students will do projects that develop skills in the areas of audio engineering techniques, electronic	Proposed for College(s): Mesa
music, and electroacoustic music composition and arrangement. Students will also create a portfolio of new music recordings and/or productions in an electronic music	Originating Campus: MESA
studio or home studio using music technology equipment, applications, and techniques.	Dist. Ed Proposed For
Topics include electronic music studio technical skills; pre-production preparation; the recording and production process; mastering and mixing; and self and peer assessment.	College(s): Mesa
This course is intended for students majoring in audio production and engineering, those developing their own home studio, or anyone seeking employment in the field of electronic music.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

### Subject: Music (MUSI) Discipline: Music

205B Projects in Electronic Music II	Offered At: Mesa, Miramar
40 - 45 hours lecture, 24 - 27 hours lab, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 190 with a grade of "C" or better, or equivalent.	
Advisory: Music 150A with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
This course is a continuation of instruction in music technology applications. Students	
will do projects that further refine their skills in the areas of audio engineering techniques, electronic music, and electroacoustic music composition and arrangement.	<b>Originating Campus:</b> MESA
Students will also expand on a portfolio of new music recordings and/or productions in	
an electronic music studio or home studio using music technology equipment,	Dist. Ed Proposed For
applications, and techniques. Topics include advanced electronic music studio technical	College(s): Mesa
skills; pre-production preparation; the recording and production process in a variety of	Effective: Fall 2020
contexts; mastering and mixing; portfolio development; and self and peer assessment.	Effective: Fail 2020
This course is intended for students majoring in audio production and engineering,	
those developing their own home studio, or anyone seeking employment in the field of	
electronic music.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU.	

#### Subject: Music (MUSI) Discipline: Music

206A Projects in Composition I	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	-FF
or equivalent or Milestone R50 and W50; Music 150A with a grade of "C" or better, or equivalent a grade of "C" or better, or equivalent or Milestone W50.	Proposed for College(s): Mesa
Advisory: Completion of or concurrent enrollment in: Music 190 with a grade of "C" or	<b>Originating Campus:</b> MESA
better, or equivalent.	originating Campus. Willow
This course is designed for all composers, beat-makers, and music majors who want to	Dist. Ed Proposed For
learn composition or who are actively composing music. In this course students receive	College(s): Mesa
instruction in composition, music technology, and performance. Students create a	·····B·(·)······
portfolio of music in any style or genre. The method of composition can be either score-	Effective: Fall 2020
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.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

### Subject: Music (MUSI) Discipline: Music

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206B Projects in Composition II	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better,	i i ppi o i cu
or equivalent or Milestone R50 and W50; Music 150A with a grade of "C" or better, or	<b>Proposed for College(s):</b> Mesa
equivalent.	r roposeu for Conege(s): Mesa
Advisory: Completion of or concurrent enrollment in: Music 190 with a grade of "C" or	<b>Originating Campus:</b> MESA
better, or equivalent.	Originating Campus. WESA
This course is designed for all composers, beat-makers, and music majors who want to	Dist. Ed Proposed For
expand their compositional skills or who are actively composing music. In this course	College(s): Mesa
students receive continued instruction in composition, music technology, and	conege(s). Wesa
performance. Students create, expand and refine their portfolio of music in any style or	Effective: Fall 2020
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.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Music (MUSI) Discipline: Music

209A Electronic Music Studio Internship I	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 190 with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: This course is not open to students with previous credit for	<b>Proposed for College(s):</b> Mesa
Music 209. Tryout or Audition.	
This course is designed to provide advanced music students with the opportunity to	<b>Originating Campus:</b> MESA
develop skills through assisting beginning and intermediate level music students in the	originating campust hillori
Electronic Music Studio (EMS) lab. Emphasis is placed on assisting students with	Dist. Ed Proposed For
security, scheduling and safety procedures. This course is designed for advanced EMS	College(s): Mesa
music students.	8()
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

### Subject: Music (MUSI) Discipline: Music

Subject Music (MOO) Discipline Music	
209B Electronic Music Studio Internship II	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 209A with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: Tryout or Audition.	<b>Proposed for College(s):</b> Mesa
This course is designed to provide advanced music students with the opportunity to	roposed for Conege(s). mesa
develop skills through assisting beginning and intermediate level music students in the	<b>Originating Campus:</b> MESA
Electronic Music Studio (EMS) lab. Emphasis is placed on assisting students with	
proper protocol, skills and knowledge learned in the electronic music studio courses.	Dist. Ed Proposed For
This course is designed for advanced EMS music students.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Music (MUSI) Discipline: Music

209C Electronic Music Studio Internship III	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Music 209B with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: Tryout or Audition.	<b>Proposed for College(s):</b> Mesa
This course is designed to provide advanced music students with the opportunity to	roposed for conege(s). Mesu
develop skills through assisting beginning and intermediate level music students in the	<b>Originating Campus:</b> MESA
Electronic Music Studio (EMS) lab. Emphasis is placed on troubleshooting and	
resolving technical problems. This course is designed for advanced EMS music	Dist. Ed Proposed For
students.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	
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#### Subject: Music (MUSI) Discipline: Music

209D Electronic Music Studio Internship IV	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 209C with a grade of "C" or better, or equivalent.	11
Limitation on Enrollment: Tryout or Audition.	Proposed for College(s): Mesa
This course is designed to provide advanced music students with the opportunity to	
develop skills through assisting beginning and intermediate level music students in the	<b>Originating Campus: MESA</b>
Electronic Music Studio (EMS) lab. Emphasis is placed on the elements necessary for effective professional work in a recording studio. This course is designed for skilled	
advanced EMS music students.	Dist. Ed Proposed For
advanced EWIS music students.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	
The Train Regulation may be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

#### Subject: Music (MUSI) Discipline: Music

216A Piano Class III	Offered At: Mesa, Miramar
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 116B with a grade of "C" or better, or equivalent.	11
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Music 215A and Music 215B or Music 216.	
This course further explores the process of making music at the piano as the third	Originating Campus: MESA
semester of piano studies. Emphasis is placed on piano technique and music theory including music notation reading, scales, chords, harmonization, and performance of	
intermediate level piano literature and four-part scores. This course is designed for all	Dist. Ed Proposed For
students who are interested in intensive piano studies.	College(s): Mesa
students who are interested in intensive plano studies.	
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	
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#### Subject: Music (MUSI) Discipline: Music

230A Jazz Improvisation I	Offered At: Mesa
48 - 54 hours lab, 1 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: Music 150A 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 Music 153.	Proposed for College(s): Mesa
This course provides the opportunity to develop skills in basic Jazz improvisation. Students learn to read and interpret basic Jazz rhythms and notation, determine	<b>Originating Campus:</b> MESA
chord/scale relationships, and play standard motifs and rhythms so as to create their own improvised solos within a combo setting. This is an interactive course open to all students who can read music, understand basic chord structures, and have performance	Dist. Ed Proposed For College(s): Mesa
skills beyond an entry level on their instruments.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

30B Jazz Improvisation II Offere	ed At: Mesa
48 - 54 hours lab, 1 units	
Letter Grade or Pass/No Pass Option Action	
- No C	Other Action
REQUISITES: Appl	roved
Prerequisite: Music 230A with a grade of "C" or better, or equivalent.	
This course provides the opportunity to develop skills in intermediate Jazz <b>Propo</b>	osed for College(s): Mesa
nprovisation. Students learn to read and interpret Jazz rhythms and notation, determine	
hord/scale relationships, and play standard motifs and rhythms so as to create their wn improvised solos within a combo setting. This is an interactive course open to all	nating Campus: MESA
ty dents who can need myssic, we denote a chord structures, and have nonformance shills	
	Ed Proposed For
Colleg	ge(s): Mesa
TELD TRIP REQUIREMENTS: Not required	tive: Fall 2020
<b>RANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

230C Jazz Improvisation III	Offered At: Mesa
48 - 54 hours lab, 1 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 230B with a grade of "C" or better, or equivalent. This course provides the opportunity to develop skills in intermediate/advanced Jazz improvisation. Students learn to read and interpret Jazz rhythms and notation, determine chord/scale relationships, and play standard motifs and rhythms so as to create their own improvised solos within a combo setting. This is an interactive course open to all	Proposed for College(s): Mesa Originating Campus: MESA
students who can read music, understand chord structures, and have performance skills beyond an entry level on their instruments.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

230D Jazz Improvisation IV	Offered At: Mesa
48 - 54 hours lab, 1 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 230C with a grade of "C" or better, or equivalent.	11
Students learn to read and interpret Jazz rhythms and notation, determine chord/scale	Proposed for College(s): Mesa
relationships, and play standard motifs and rhythms so as to create their own improvised solos within a combo setting. This is an interactive course open to all students who can	<b>Originating Campus: MESA</b>
read music, understand chord structures, and have performance skills beyond an entry	Dist. Ed Proposed For
level on their instruments.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

240 Voice Class III	Offered At: Mesa
24 - 27 hours lecture, 24 - 27 hours lab, 2 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 121 with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: This course is not open to students with previous credit for	<b>Proposed for College(s):</b> Mesa
Music 240A.	
This advanced voice class is an in-depth study of specific elements of efficient vocal	<b>Originating Campus:</b> MESA
technique and performance. These include breath management in relation to posture,	8 8 I
expressive singing via physical movement, unifying the register and range extension,	Dist. Ed Proposed For
resonance and vocal registers, expressive singing and stage presence. Vocal exercises	College(s): Mesa
and songs from various music styles are performed including selections made by	
students. Choral singers, all music majors, elementary education majors and students	Effective: Fall 2020
considering singing as a profession benefit from this class.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music 241 Voice Class IV **Offered At:** Mesa 24 - 27 hours lecture, 24 - 27 hours lab, 2 units Letter Grade or Pass/No Pass Option Action(s) Proposed: Distance Learning - No Other Action **REOUISITES:** Approved Prerequisite: Music 240 with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for Proposed for College(s): Mesa Music 240B. This advanced voice class is an in-depth study of specific elements of efficient vocal **Originating Campus: MESA** technique and performance. These include breath management using an efficient onset and release, managing the performance, resonance balancing using consonants, and Dist. Ed Proposed For song analysis to prepare a vocal piece for performance. Choral singers, all music College(s): Mesa majors, elementary education majors and students considering singing as a profession benefit from this class. Effective: Fall 2020 FIELD TRIP REQUIREMENTS: May be required TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.

#### Subject: Music (MUSI) Discipline: Music

253A Jazz Ensemble I	Offered At: Mesa
48 - 162 hours lab, 1-3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> Music 150A with a grade of "C" or better, or equivalent.	Approved
This course is a study of jazz ensemble music performance at the beginning level. Students are seated in ensemble according to their technical ability in preparation for	Proposed for College(s): Mesa
performance. This course is designed for music majors and anyone interested in playing with a jazz ensemble.	<b>Originating Campus: MESA</b>
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

\*Requires Board of Trustees approval prior to implementation

#### Subject: Music (MUSI) Discipline: Music

253B Jazz Ensemble II	Offered At: Mesa
48 - 162 hours lab, 1-3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 253A with a grade of "C" or better, or equivalent.	
This course is a study of jazz ensemble music performance at the intermediate level.	Proposed for College(s): Mesa
Students are seated in ensemble groups according to their technical ability in preparation for performance. This course is designed for music majors and anyone	
interested in playing with a jazz ensemble.	Originating Campus: MESA
	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Music (MUSI) Discipline: Music

253C Jazz Ensemble III	Offered At: Mesa
48 - 162 hours lab, 1-3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 253B with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa Originating Campus: MESA
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Music (MUSI) Discipline: Music

253D Jazz Ensemble IV	Offered At: Mesa
48 - 162 hours lab, 1-3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 253C with a grade of "C" or better, or equivalent. This course is a study of jazz ensemble music performance at the advanced level. Advanced students are assigned to first chair of each section of the ensemble and to lead each part. This course is designed for music majors and anyone interested in playing with a jazz ensemble.	Proposed for College(s): Mesa Originating Campus: MESA
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Music (MUSI) Discipline: Music

257A Guitar Ensemble I	Offered At: Mesa, Miramar
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Limitation on Enrollment:</i> Tryout or Audition.	Approved
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Music 255 or Music 256A.	Proposed for College(s): Mesa
This course is a beginning-intermediate guitar ensemble for the study and performance of selected guitar ensemble works. Students practice and perform a wide variety of	<b>Originating Campus:</b> MESA
works from different historical areas, and develop their skills in reading music, guitar technique and interpretation. Attendance at rehearsals and performances is required. This course is designed for students majoring music who want to advance their	Dist. Ed Proposed For College(s): Mesa
ensemble skills by participating in an ensemble group.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

257B Guitar Ensemble II	Offered At: Mesa, Miramar
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 257A with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Music 256B.	
This course is an intermediate guitar ensemble for the study and performance of	<b>Originating Campus:</b> MESA
selected guitar ensemble works. Students practice and perform a wide variety of works	5 9 F
from different historical areas, and develop their skills in reading music, guitar	Dist. Ed Proposed For
technique and interpretation. Attendance at rehearsals and performances is required.	College(s): Mesa
This course is designed for music majors wanting to advance their skills in ensemble	
groups.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	
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#### Subject: Music (MUSI) Discipline: Music

257C Guitar Ensemble III	Offered At: Miramar, Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 257B with a grade of "C" or better, or equivalent.	II
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Music 256C.	
This course is an intermediate guitar ensemble for the study and performance of	<b>Originating Campus: MESA</b>
selected guitar ensemble works. Students practice and perform a wide variety of works	0 0 I
from different historical areas, and develop their skills in reading music, guitar	Dist. Ed Proposed For
technique and interpretation. Attendance at rehearsals and performances is required.	College(s): Mesa
This course is designed for students majoring music who want to advance their	
ensemble skills by participating in an ensemble group.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
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<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

~Course requires CCCCO submission

#### Subject: Music (MUSI) Discipline: Music

257D Guitar Ensemble IV	Offered At: Mesa, Miramar
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 257C 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 Music 256D.	Proposed for College(s): Mesa
This course is an advanced guitar ensemble for the study and performance of selected guitar ensemble works. Students practice and perform a wide variety of works from	<b>Originating Campus:</b> MESA
different historical areas, and develop their skills in reading music, guitar technique and interpretation. Attendance at rehearsals and performances is required. This course is designed for students majoring music who want to advance their ensemble skills by	Dist. Ed Proposed For College(s): Mesa
participating in an ensemble group.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

258A Music Theory III	Offered At: Mesa
64 - 72 hours lecture, 4 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	
Prerequisite: Music 158B with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
Advisory: Concurrent enrollment in: Music 269A.	Approved
This course is the third in a four semester sequence. It includes a detailed study of	11
compositional techniques and structure in the music of the 18th and 19th centuries. The	Originating Campus: MESA
emphasis is on further development of analysis and writing skills using chromatic	
harmonies including secondary dominants, secondary leading tone chords, chromatic	Dist. Ed Proposed For
thirds, modulations, expanded tonicization, modal borrowing, modal mixture, altered predominants and altered dominant chords. The course includes analysis and writing of	College(s): Mesa
two-part tonal counterpoint and the analysis of Sonata form, binary and ternary forms.	
This course is designed for the student pursuing music as a major or for the student	Effective: Fall 2020
interested in enhancing technical knowledge of music.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

#### Subject: Music (MUSI) Discipline: Music

258B Music Theory IV	Offered At: Mesa
64 - 72 hours lecture, 4 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 258A with a grade of "C" or better, or equivalent.	
Advisory: Concurrent enrollment in: Music 269B.	<b>Proposed for College(s):</b> Mesa
This course is the fourth of a four semester sequence. It includes a detailed structural	g-(-)g-(-)
analysis and study of compositional techniques in the music of the 19th, 20th and 21st	<b>Originating Campus:</b> MESA
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	Dist. Ed Proposed For
centuries including non-functional harmony, polytonality, atonality, serial techniques	College(s): Mesa
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	Effective: Fall 2020
major or for the student interested in enhancing technical knowledge of music.	
FIELD TRIP REQUIREMENTS: May be required	
FIELD IKIF KEQUIKENIENIS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

259A Choir I	Offered At: Mesa
48 - 54 hours lab, 1 units Grade Only	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> Music 120, and Music 150A, each with a grade of "C" or better, or	Approved
equivalent.	Proposed for College(s): Mesa
<i>Limitation on Enrollment:</i> Tryout or Audition. This course is not open to students with previous credit for Music 212, Music 212A, Music 210A or Music 211A. Choir I is a mixed voice choral ensemble that prepares and performs a wide variety of	Originating Campus: MESA
choral works. Students develop a high level of artistic choral singing through directed rehearsal, and perform at public concerts, choir festivals, and/or on choir tours. Enrollment is by audition. While prospective members are expected to have some	Dist. Ed Proposed For College(s): Mesa
previous choral and vocal experience, all students are encouraged to audition. Attendance at rehearsals and performances is required.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

259B Choir II	Offered At: Mesa
48 - 54 hours lab, 1 units Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Music 259A with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Tryout or Audition. This course is not open to students with previous credit for Music 212, Music 212B, Music 210B or Music 211B.	Proposed for College(s): Mesa
Choir II is a mixed voice choral ensemble that prepares and performs a wide variety of choral works. Students develop a high level of artistic choral singing through directed	Originating Campus: MESA
rehearsal, and perform at public concerts, choir festivals, and/or on choir tours. Enrollment is by audition. Prospective members are expected to have choral and vocal experience beyond Vocal Ensemble I. Attendance at rehearsals and performances is	Dist. Ed Proposed For College(s): Mesa
required. Enrollment is by audition. Members are expected to have some music reading skills as well as choral and vocal experience. Attendance at rehearsals and performances is required.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

259C Choir III	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Prerequisite: Music 259B with a grade of "C" or better, or equivalent.	
<i>Limitation on Enrollment:</i> Tryout or Audition. This course is not open to students with previous credit for Music 212, Music 212C, Music 210C or Music 211C.	Proposed for College(s): Mesa
Choir III is a mixed voice choral ensemble that prepares and performs a wide variety of choral works. Students develop a high level of artistic choral singing through directed	<b>Originating Campus:</b> MESA
rehearsal, and perform at public concerts, choir festivals, and/or on choir tours. Enrollment is by audition. Prospective members are expected to have choral and vocal	Dist. Ed Proposed For College(s): Mesa
experience beyond Vocal Ensemble II. Attendance at rehearsals and performances is	Conege(s): Mesa
required.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

259D Choir IV	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 259C with a grade of "C" or better, or equivalent.	-FF
<i>Limitation on Enrollment:</i> Tryout or Audition. This course is not open to students with previous credit for Music 212, Music 212D, Music 210D or Music 211D.	Proposed for College(s): Mesa
Choir IV is a mixed voice choral ensemble that prepares and performs a wide variety of choral works. Students develop a high level of artistic choral singing through directed	<b>Originating Campus:</b> MESA
rehearsal, and perform at public concerts, choir festivals, and/or on choir tours.	Dist. Ed Proposed For
Enrollment is by audition. Prospective members are expected to have choral and vocal experience beyond Vocal Ensemble III. Attendance at rehearsals and performances is	College(s): Mesa
required.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

268A Beginning Ear Training Laboratory I	Offered At: Miramar, City, Mesa
48 - 54 hours lab, 1 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 150A with a grade of "C" or better, or equivalent.	Treese
Corequisite: Completion of or concurrent enrollment in: Music 158A with a grade of	<b>Proposed for College(s):</b> Miramar
"C" or better, or equivalent.	
The course is designed to facilitate perception, performance and identification of	<b>Originating Campus: MIRAMAR</b>
melodic, harmonic and rhythmic patterns in music. This course consists of sight singing	
scales, melodies, and rhythms, notating melodies, harmonies, and rhythms, and	Dist. Ed Proposed For
identifying chords and intervals. The emphasis is on the development of basic skills in	College(s): Miramar
sight singing and dictation: the sight singing and notating of short diatonic melodies	
containing seconds, thirds, fourths, fifths and octaves, the identification of major, minor, augmented and diminished triads in root position, harmonic dictation of primary	Effective: Fall 2020
triads in major keys, and rhythmic dictation with duple, triple and quadruple	
subdivisions of the beat. This course is designed for the student pursuing music as a	
major or for the student interested in enhancing technical knowledge and skills.	
inglor of for the student interested in emininent teeninear knowledge and skins.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

~Course requires CCCCO submission

#### Subject: Music (MUSI) Discipline: Music

268A Beginning Ear Training I	Offered At: City, Mesa, Miramar
48 - 54 hours lab, 1 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 150A with a grade of "C" or better, or equivalent.	
Corequisite: Completion of or concurrent enrollment in: Music 158A with a grade of	<b>Proposed for College(s):</b> Mesa
"C" or better, or equivalent.	
The course is designed to facilitate perception, performance and identification of	<b>Originating Campus: MESA</b>
melodic, harmonic and rhythmic patterns in music. This course consists of sight singing	
scales, melodies, and rhythms, notating melodies, harmonies, and rhythms, and	Dist. Ed Proposed For
identifying chords and intervals. The emphasis is on the development of basic skills in	College(s): Mesa
sight singing and dictation: the sight singing and notating of short diatonic melodies	
containing seconds, thirds, fourths, fifths and octaves, the identification of major,	Effective: Fall 2020
minor, augmented and diminished triads in root position, harmonic dictation of primary	
triads in major keys, and rhythmic dictation with duple, triple and quadruple	
subdivisions of the beat. This course is designed for the student pursuing music as a	
major or for the student interested in enhancing technical knowledge and skills.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

268B Beginning Ear Training Laboratory II	Offered At: Mesa, Miramar, City
48 - 54 hours lab, 1 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 268A with a grade of "C" or better, or equivalent.	
This course is the second of a four-course sequence in ear training. Emphasis is placed	<b>Proposed for College(s):</b> Miramar
on continued development of skill in sight singing major and minor melodies which	
contain seconds, thirds, fourths, fifths, sixths, sevenths, octaves and the tritone; melodic	<b>Originating Campus:</b> MIRAMAR
dictation containing triadic arpeggiations; harmonic identification of all diatonic triads	0 0 1
in root position and inversions and in major and minor keys; rhythmic dictation with	Dist. Ed Proposed For
duple, triple, and quadruple subdivisions of the beat in simple and compound meters;	College(s): Miramar
notation of two-part and four-part dictation; and identification of errors in melodic	
phrases. This course is designed for the student pursuing music as a major or for the	Effective: Fall 2020
student interested in enhancing technical knowledge and skills.	
FIELD TRIP REQUIREMENTS: May be required	
FIELD INIT REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	
Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

268B Beginning Ear Training II	Offered At: Mesa, Miramar, City
48 - 54 hours lab, 1 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 268A with a grade of "C" or better, or equivalent.	
This course is the second of a four-course sequence in ear training. Emphasis is placed on continued development of skill in sight singing major and minor melodies which	Proposed for College(s): Mesa
contain seconds, thirds, fourths, fifths, sixths, sevenths, octaves and the tritone; melodic dictation containing triadic arpeggiations; harmonic identification of all diatonic triads	<b>Originating Campus:</b> MESA
in root position and inversions and in major and minor keys; rhythmic dictation with duple, triple, and quadruple subdivisions of the beat in simple and compound meters; notation of two-part and four-part dictation; and identification of errors in melodic	Dist. Ed Proposed For College(s): Mesa
phrases. This course is designed for the student pursuing music as a major or for the student interested in enhancing technical knowledge and skills.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

269A Advanced Ear Training III	Offered At: Mesa
48 - 54 hours lab, 1 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 268B with a grade of "C" or better, or equivalent.	
This course is the third semester of a four semester series. Emphasis is on continued development of skills in sight singing melodies which contain all intervals; melodic	Proposed for College(s): Mesa
dictation of longer phrases which contain modulations; harmonic identification of all diatonic seventh chords and harmonic dictation of chorale phrases which modulate;	<b>Originating Campus: MESA</b>
rhythmic dictation with quarter and eighth beat values and in simple and compound	Dist. Ed Proposed For
meters; and identification of all triads in all inversions and seventh chords in root position. This course is designed for the student pursuing a music major or the student	College(s): Mesa
interested in enhancing technical knowledge and skills.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

269B Advanced Ear Training IV	Offered At: Mesa
48 - 54 hours lab, 1 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 269A with a grade of "C" or better, or equivalent.	
This course is the fourth semester of a four semester series. Emphasis is on continued	Proposed for College(s): Mesa
development of skills in sight singing melodies which contain all intervals, larger leaps,	i i i i i i i i i i i i i i i i i i i
modality, and non-diatonic tones; melodic dictation of longer phrases which contain	Originating Campus: MESA
modulations, modality, and non-diatonic tone; harmonic identification of all diatonic	
seventh chords and harmonic dictation of chorale phrases which modulate, and contain	Dist. Ed Proposed For
secondary dominants, secondary leading tone chords, augmented sixth and neapolitan sixth chords; rhythmic dictation with quarter, eighth, and sixteenth note value, ties, and	College(s): Mesa
rests in simple and compound meters; and identification of all triads and seventh chords	
in all inversions; two-part dictation and error detection. This course is designed for the	Effective: Fall 2020
student pursuing music as a major or for the student interested in enhancing technical	
knowledge and skills.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

274A Applied Music I	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 150A with a grade of "C" or better, or equivalent.	
Corequisite: Music 123A, Music 123B, Music 123C or Music 123D.	<b>Proposed for College(s):</b> Mesa
Corequisite: Completion of or concurrent enrollment in: Music 268A or Music 268B or	r roposed for Conege(s). Wesa
Music 269A or Music 269B and Music 158A or Music 158B or Music 258A or Music	<b>Originating Campus: MESA</b>
258B or Music 251A or Music 251B or Music 251C or Music 251D or Music 252A or	originating Campus. Willow
Music 252B or Music 252C or Music 252D or Music 253A or Music 253B or Music	Dist. Ed Proposed For
253C or Music 253D or Music 257A or Music 257B or Music 257C or Music 257D or	College(s): Mesa
Music 259A or Music 259B or Music 259C or Music 259D, each with a grade of "C" or	
better, or equivalent.	Effective: Fall 2020
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	
Music 275A.Tryout or Audition.	
This course is an applied study of performing and presenting repertoire beyond a basic	
level of artistic self-expression for a specific instrument or voice. Emphasis is placed on	
the development of specific skills needed for artistry. This course is designed for music	
majors.	
FIELD TRIP REQUIREMENTS: Required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

274B Applied Music II	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 274A with a grade of "C" or better, or equivalent.	
Corequisite: Music 123A or Music 123B or Music 123C or Music 123D.	Proposed for College(s): Mesa
Corequisite: Completion of or concurrent enrollment in: Music 116A or Music 116B or	
Music 216A and Music 268A or Music 268B or Music 269A or Music 269B and Music 158A or Music 158B or Music 258A or Music 258B or Music 251A or Music 251B or	<b>Originating Campus: MESA</b>
Music 251C or Music 251D or Music 252A or Music 252B or Music 252C or Music	Dist. Ed Proposed For
252D or Music 253A or Music 253B or Music 253C or Music 253D or Music 257A or	College(s): Mesa
Music 257B or Music 257C or Music 257D or Music 259 or Music 259B or Music	8()
259C or Music 259D each with a grade of "C" or better, or equivalent.	Effective: Fall 2020
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	
Music 275B.	
This course is an applied study of performing and presenting repertoire beyond a	
beginning level of artistic self-expression for a specific instrument or voice. Emphasis is	
placed on the further development of specific skills needed for artistry. This course is	
designed for music majors.	
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	

#### Subject: Music (MUSI) Discipline: Music

274C Applied Music III	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 274B with a grade of "C" or better, or equivalent.	
Corequisite: Music 123A or Music 123B or Music 123C or Music 123D.	Proposed for College(s): Mesa
Corequisite: Completion of or concurrent enrollment in: Music 116B with a grade of	roposed for conege(s). Mesu
"C" or better, or equivalent or Music 216A and Music 268A or Music 268B or Music	<b>Originating Campus:</b> MESA
269A or Music 269B and Music 158A or Music 158B or Music 258A or Music 258B or	Originating Campus. WILSA
Music 251A or Music 251B or Music 251C or Music 251D or Music 252A or Music	Dist. Ed Proposed For
252B or Music 252C or Music 252D or Music 253A or Music 253B or Music 253C or	College(s): Mesa
Music 253D or Music 257A or Music 257B or Music 257C or Music 257D or Music	conege(s). West
259A or Music 259B or Music 259C or Music 259D, each with a grade of "C" or better,	Effective: Fall 2020
or equivalent.	
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	
Music 275C	
This course is an applied study of performing and presenting repertoire at the	
intermediate level of artistic self-expression for a specific instrument or voice.	
Emphasis is placed on refining specific skills needed for artistry. This course is	
designed for music majors.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

### Subject: Music (MUSI) Discipline: Music

274D Applied Music IV	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Music 274C with a grade of "C" or better, or equivalent.	
Corequisite: Music 123A or Music 123B or Music 123C or Music 123D	Proposed for College(s): Mesa
Corequisite: Completion of or concurrent enrollment in: Music 216A and	
Music 268A or Music 268B or Music 269A or Music 269B and Music 158A or Music	<b>Originating Campus:</b> MESA
158B or Music 258A or Music 258B or Music 251A or Music 251B or Music 251C or	originating campus: Willorr
Music 251D or Music 252A or Music 252B or Music 252C or Music 252D or Music	Dist. Ed Proposed For
253A or Music 253B or Music 253C or Music 253D or Music 257A or Music 257B or	College(s): Mesa
Music 257C or Music 257D or Music 259A or Music 259B or Music 259C or Music	
259D, each with a grade of "C" or better, or equivalent.	Effective: Fall 2020
Limitation on Enrollment: This course is not open to students with previous credit for	
Music 275D.	
This course is a study in developing technical skills at the advanced level to perform	
and present repertoire for a specific instrument or voice. This course is designed for	
music majors whose technical skills are evident but not yet adequate to begin	
addressing the needs of artistic self-expression. Students are expected to obtain fifteen	
one-hour private lessons on their instrument to meet the course objectives.	
FIELD TRIP REQUIREMENTS: Not required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC	
Transfer Course List.	

#### Subject: Nutrition (NUTR) Discipline: Nutritional Science/Dietetics

270 Work Experience	Offered At: Mesa
60 - 300 hours other, 1-4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
A program of on-the-job learning experiences for students employed in a job related to their major. The combined maximum credit for all work experience courses from all	Approved
disciplines may not exceed 16 units.	Proposed for College(s): Mesa
FIELD TRIP REQUIREMENTS: Not required	Originating Campus: MESA
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Dist. Ed Proposed For College(s): Mesa
	Effective: Fall 2020

\*Requires Board of Trustees approval prior to implementation

### Subject: Philosophy (PHIL) Discipline: Philosophy

101 Symbolic Logic	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Advisory: English 101 and Mathematics 96, each with a grade of "C" or better, or equivalent or Milestone W60, R60, and M50. This course is a study of the elements of symbolic logic, sentential calculus and quantification theory. Topics include identity, definite descriptions, natural deduction and structure of language. This course is intended for philosophy majors and students pursuing studies in computer science.	Proposed for College(s): Mesa Originating Campus: MESA
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. UC Transfer Course List.	Effective: Fall 2020

#### Subject: Philosophy (PHIL) Discipline: Philosophy

106 Asian Philosophy	Offered At: Mesa, City
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 or English 105, each with a grade of "C" or better, or equivalent	
or Milestone R60 and W60.	<b>Proposed for College(s):</b> Mesa
This course explores issues in the philosophical study of Asian philosophy, including	
questions relating to the nature of the universe, the status and meaning of humankind,	Originating Campus: MESA
and the qualities characterizing the good life. This course may be of special interest to	
students pursuing Pacific Rim or International Studies.	Dist. Ed Proposed For
	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	
	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC.	
UC Transfer Course List. CSU General Education.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Philosophy (PHIL) Discipline: Philosophy

205 Critical Thinking and Writing in Philosophy	Offered At: Mesa, Miramar, City
48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Prerequisite:</i> English 101 or English 105, each with a grade of "C" or better, or equivalent or Milestone R60 and W60. This critical thinking and writing seminar in Philosophy is designed to enhance the student's critical thinking, writing, and research skills in preparation for upper division academic activity. Issues addressed in this class may involve various areas of human experience and aspiration: metaphysical, cosmological, scientific, political, ethical, aesthetic, and religious. Together with the application of basic principles of deduction	Approved Proposed for College(s): City Originating Campus: CITY Dist. Ed Proposed For College(s): City
<ul> <li>and induction, special attention is given to identifying and avoiding fallacies in reasoning, and to techniques and aids to research, reasoning, and writing. This course is designed for students who want to hone their writing and critical thinking skills in Philosophy.</li> <li>FIELD TRIP REQUIREMENTS: May be required</li> </ul>	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC. CSU General Education. UC Transfer Course List.	

### Subject: Photography (PHOT) Discipline: Photography

211 Analog Creative Photographic Techniques	Offered At: City
9.6 - 10.8 hours lecture, 19.2 - 21.6 hours lab, 1 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Prerequisite:</i> Photography 100 with a grade of "C" or better, or equivalent.	Approved
This course for intermediate level photography students covers a range of specialty techniques using non-traditional camera types, including "toy" and pinhole cameras.	Proposed for College(s): City
FIELD TRIP REQUIREMENTS: May be required	Originating Campus: CITY
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Dist. Ed Proposed For College(s): City
	Effective: Fall 2020

\*Requires Board of Trustees approval prior to implementation

~Course requires CCCCO submission

### Subject: Photography (PHOT) Discipline: Photography

217 Advanced Digital Techniques	Offered At: City
9.6 - 10.8 hours lecture, 19.2 - 21.6 hours lab, 1 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Photography 143 with a grade of "C" or better, or equivalent.	
This course for advanced photography students covers the creation of quality darkroom	<b>Proposed for College(s):</b> City
prints (silver, cyanotype, etc.) from digital files, including digital single lens reflex	
(DSLR), iPhone, or scanned negatives.	Originating Campus: CITY
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For College(s): City
TDANSEED ADDI ICADII ITV. Associate Degree Credit & transfer to CSU	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Effective: Fall 2020

### Subject: Physical Therapist Assistant (PHYR) Discipline: Physical Therapy Assisting

225 Acute Care Techniques	Offered At: Mesa
32 - 36 hours lecture, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Physical Therapist Assistant 225L.	
Limitation on Enrollment: Special Admission - must be admitted to program.	Proposed for College(s): Mesa
This lecture course provides the future Physical Therapist Assistant (PTA) with an	
exposure to the duties that relate to the PTA scope of practice with an emphasis on the	<b>Originating Campus:</b> MESA
acute and post-acute care settings. These duties include the principles of patient care	
management, safety within the facility, vital signs, patient positioning, basics of transfer	Dist. Ed Proposed For
and gait training with assistive devices for general orthopedic problems, wheelchair	College(s): Mesa
safety, basic wound care management to include universal precautions and infection	8()
control, and appropriate selection and progression of interventions based on physical	Effective: Fall 2020
therapist's plan of care. The course also fosters the development of communication	
skills, interpersonal relationships, and professionalism required for the health care field.	
FIELD TRIP REQUIREMENTS: Required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

### Subject: Physical Therapist Assistant (PHYR) Discipline: Physical Therapy Assisting

225L Acute Care Techniques Lab	Offered At: Mesa
96 - 108 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Physical Therapist Assistant 225.	
Limitation on Enrollment: Special Admission - must be admitted to program.	<b>Proposed for College(s):</b> Mesa
This laboratory course provides the future Physical Therapist Assistant (PTA) with an	roposed for Conege(s). mesu
exposure to the duties related to the PTA scope of practice with an emphasis on the	<b>Originating Campus:</b> MESA
acute and post-acute care settings. These duties include the principles of patient care	
management, safety within the facility, vital signs, patient positioning, basics of transfer	Dist. Ed Proposed For
and gait training with assistive devices for general orthopedic problems, wheelchair	College(s): Mesa
safety, basic wound care management to include universal precautions and infection	
control, and appropriate selection and progression of interventions based on physical	Effective: Fall 2020
therapist's plan of care. The course also fosters the development of communication	
skills, interpersonal relationships, and professionalism required for the health care field.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

### Subject: Physical Therapist Assistant (PHYR) Discipline: Physical Therapy Assisting

230 Introduction To Human Movement	Offered At: Mesa
<b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units</b>	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Biology 160 with a grade of "C" or better, or equivalent.	Арргочей
<i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This	
course is not open to students with previous credit for Physical Therapist Assistant	Proposed for College(s): Mesa
Physical Therapist Assistant 114 or Physical Therapist Assistant 54.	
This lecture and lab course introduces the student Physical Therapist Assistant to the	<b>Originating Campus:</b> MESA
relationship between physical laws and the biomechanical principles of joint motion.	Dist. Ed Proposed For
The concepts of normal posture and human locomotion are contrasted with obvious	College(s): Mesa
posture and gait deviations. An understanding of kinesiology is applied to major joints	
in the body utilizing basic exercise applications for patients/clients with common	Effective: Fall 2020
orthopedic and neurologic conditions.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

## Subject: Physical Therapist Assistant (PHYR) Discipline: Physical Therapy Assisting

263 Patient Management	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: Physical Therapist Assistant 240, Physical Therapist Assistant 250, and	
Physical Therapist Assistant 260 with a grade of "C" or better, or equivalent.	<b>Proposed for College(s):</b> Mesa
Limitation on Enrollment: Special Admission - must be admitted to program.	roposed for conege(s). Mesu
This laboratory course provides physical therapist assistant (PTA) students with an	<b>Originating Campus:</b> MESA
opportunity to apply knowledge and skills from previous courses to actual patient	
scenarios. Students will review patient evaluations including plans of care and design	Dist. Ed Proposed For
appropriate beginning, intermediate, and advanced treatment plans. Emphasis will be	College(s): Mesa
placed on developing critical thinking and communication skills needed in a patient care	
environment.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Physical Therapist Assistant (PHYR) Discipline: Physical Therapy Assisting

275L Orthopedic Exercise and Rehabilitation-Lab	Offered At: Mesa
96 - 108 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Physical Therapist Assistant 250 with a grade of "C" or better, or	11
equivalent.	Proposed for College(s): Mesa
Corequisite: Physical Therapist Assistant 275.	·F ···································
Limitation on Enrollment: Special Admission - must be admitted to program. This	<b>Originating Campus:</b> MESA
course is not open to students with previous credit for Physical Therapist Assistant	8 8 I
137L or Physical Therapist Assistant 77L.	Dist. Ed Proposed For
This lab course provides the physical therapist assistant student with a kinesiology	College(s): Mesa
based approach to the clinical applications used in the treatment and rehabilitation of	
the patient/client with orthopedic and related diagnoses. The focus is on safe, legal,	Effective: Fall 2020
ethical and appropriate use of manual and therapeutic exercise interventions and	
screening assessment procedures within the physical therapist assistant scope of	
practice. Students will demonstrate the critical thinking skills needed in the application	
and modification of physical therapy interventions including indications, precautions,	
contraindications, and physiological and therapeutic effects of various techniques as applied to various orthopedic and related diagnoses. In addition, this course fosters the	
development of communication skills, interpersonal relationships, and professionalism	
required in the health care field.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

## Subject: Physical Therapist Assistant (PHYR) Discipline: Physical Therapy Assisting

291 Directed Clinical Practice I	Offered At: Mesa
144 - hours other, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Physical Therapist Assistant 225, Physical Therapist Assistant 225L, and	
Physical Therapist Assistant 250, each with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
Limitation on Enrollment: Special Admission - must be admitted to program. This	roposed for conege(s). Mesu
course is not open to students with previous credit for Physical Therapist Assistant	<b>Originating Campus:</b> MESA
142A or Physical Therapist Assistant 70 or Physical Therapist Assistant 292.	originating campus: willorr
This course provides the Physical Therapist Assistant (PTA) student a moderate to	Dist. Ed Proposed For
maximum supervised application of previously learned techniques and skills in the	College(s): Mesa
rehabilitation of patients in one selected clinical facility affiliated with the college. The	
focus is on intermediate level application in the safe, legal, ethical and effective use of	Effective: Fall 2020
physical therapy interventions. Emphasis is placed on intermediate level skills of	
professional communication and interpersonal relationships necessary for the healthcare	
field. Students are placed in either an inpatient or outpatient facility. Supervision of the	
student is at the intermediate level progressing to advanced intermediate, and is	
provided by the staff of the affiliating institution and is coordinated by the college	
faculty. This course is the first of three Directed Clinical Practice courses in the PTA	
program.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Physical Therapist Assistant (PHYR) Discipline: Physical Therapy Assisting

295 Directed Clinical Practice II	Offered At: Mesa
240 - hours other, 5 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Physical Therapist Assistant 291 with a grade of "C" or better, or	11
equivalent.	Proposed for College(s): Mesa
Limitation on Enrollment: Special Admission - must be admitted to program. This	
course is not open to students with previous credit for Physical Therapist Assistant 80 or	<b>Originating Campus: MESA</b>
Physical Therapist Assistant 294.	
This course provides the Physical Therapist Assistant (PTA) student a minimum to	Dist. Ed Proposed For
moderate supervised application of previously learned techniques and skills in the rehabilitation of patients in one selected clinical facility affiliated with the college. The	College(s): Mesa
focus is on advanced intermediate level application in the safe, legal, ethical and	
effective use of physical therapy interventions. Emphasis is placed on advanced	Effective: Fall 2020
intermediate level skills of professional communication and interpersonal relationships	
necessary for the healthcare field. Students are placed in either an inpatient or outpatient	
facility. Supervision of the student is at the advanced intermediate level progressing to	
entry-level, and is provided by the staff of the affiliating institution and is coordinated	
by the college faculty. This course is the second of three Directed Clinical Practice	
courses in the PTA program.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	
INAUSPER ALLERADILITT, Associate Degree Credit & transfer to CSU.	

## Subject: Political Science (POLI) Discipline: Political Science

103 Comparative Politics	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 or Milestone R60 and W60.	II
Limitation on Enrollment: This course is not open to students with previous credit for	Proposed for College(s): Mesa
Political Science 130.	g-(-)
This course is an introduction to comparative politics. Emphasis is placed on analyses of various political systems using the fundamental concepts and methodologies of	<b>Originating Campus:</b> MESA
comparative politics. This course is designed for political science majors and anyone	Dist. Ed Proposed For
interested in comparative and/or international politics.	College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

## Subject: Political Science (POLI) Discipline: Political Science

103 Comparative Politics	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
<b>REQUISITES:</b> <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent. or Milestone R60	Approved
and W60. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Proposed for College(s): Miramar
Political Science 130 This course is an introduction to comparative politics. Emphasis is placed on analyses	<b>Originating Campus:</b> MIRAMAR
of various political systems using the fundamental concepts and methodologies of comparative politics. This course is designed for political science majors and anyone interested in comparative and/or international politics.	Dist. Ed Proposed For College(s): Miramar
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

## Subject: Political Science (POLI) Discipline: Political Science

140 Contemporary International Politics	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 with a grade of "C" or better, or equivalent or Milestone R60 and	
W60.	<b>Proposed for College(s):</b> Mesa
This course is a study of world politics including the various approaches to international	roposed for conege(s). Mesu
relations and international political economy. Emphasis is placed on the roles of	<b>Originating Campus:</b> MESA
nationalism, nation-states, transnationalism and international organizations in the	originating campus. MEER
making of contemporary world politics as well as on issues of national security, power	Dist. Ed Proposed For
and diplomacy, economic competition, international law and the environment. This	College(s): Mesa
course is intended for students majoring in political science or anyone with an interest	
in world politics.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	

#### Subject: Psychology (PSYC) Discipline: Psychology

230 Psychology of Lifespan Development	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Psychology 101 with a grade of "C" or better, or equivalent. This course is a study of the psychological development of humans in all their sociocultural diversity from conception to death. Emphasis is placed on the major theoretical paradigms related to growth and change and the variety of factors that shape	Proposed for College(s): Miramar Originating Campus: MIRAMAR
similarities and differences in life. This course is intended for students majoring in psychology.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: May be required	College(s): Miramar
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC. UC Transfer Course List. CSU General Education.	Effective: Spring 2021

\*Requires Board of Trustees approval prior to implementation

## Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

50 Concepts in Imaging Technology	Offered At: Mesa
32 - 36 hours lecture, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. Must be admitted to the Radiologic Technology program. This is an introductory course for students admitted into the Radiologic Technology.	Proposed for College(s): Mesa
Topics include the diagnostic x-ray system, radiographic body positions and projections, x-ray production and units, radiation safety, basic exposure and image	<b>Originating Campus:</b> MESA
receptor techniques, introductory patient care, safety and healthcare communication.	Dist. Ed Proposed For
Emphasis is on strong mathematical, scientific and communication skills.	College(s): Mesa
FIELD TRIP REQUIREMENTS: Not required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.	

Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

190L Radiographic Positioning-I Laboratory	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Corequisite: Completion of or concurrent enrollment in:</i> Radiologic Technology 190 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program.	Proposed for College(s): Mesa
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Radiologic Technology 199.	<b>Originating Campus: MESA</b>
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.	Dist. Ed Proposed For College(s): Mesa
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

## Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

201L Radiographic Positioning II Laboratory	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Completion of or concurrent enrollment in: Radiologic Technology 201	
with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
Limitation on Enrollment: Special Admission - must be admitted to program. This	
course is not open to students with previous credit for Radiologic Technology 200.	<b>Originating Campus:</b> MESA
This is an intermediate laboratory course for students in the Radiologic Technology	9 9 F
program. Course topics include radiographic positioning and image critique of the	Dist. Ed Proposed For
vertebral column, as well as shoulder girdle, bony thorax and some advanced and/or	College(s): Mesa
uncommon orthopedic views of extremities and pelvis.	
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Radiologic Technology (Radiologic Technology) Discipline: Radiological Technology

256A Directed Clinical Practice I	Offered At: Mesa
240 - hours other, 5 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Completion of or concurrent enrollment in: Radiologic Technology 131	<i>hppioiea</i>
and	Proposed for College(s): Mesa
Radiologic Technology 190 and	roposed for Conege(s). Mesu
Radiologic Technology 190L with a grade of "C" or better, or equivalent.	<b>Originating Campus:</b> MESA
Limitation on Enrollment: Special Admission - must be admitted to program.	originating campust titlerr
Limitation on Enrollment: This course is not open to students with previous credit for	Dist. Ed Proposed For
Radiologic Technology 251A or Radiologic Technology 254A.	College(s): Mesa
This is a beginning level course for students in the Radiologic Technology program.	5()
This course provides students with supervised clinical training at a District clinical	Effective: Fall 2020
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.	
FIFL D TDID DECHIDEMENTS, May be manying	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

## Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

256C Directed Clinical Practice III	Offered At: Mesa
288 - hours other, 6 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Radiologic Technology 256B with a grade of "C" or better, or equivalent.	
<i>Corequisite: Completion of or concurrent enrollment in:</i> Radiologic Technology 192 with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
<i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	<b>Originating Campus:</b> MESA
Radiologic Technology 252A or Radiologic Technology 254C.	Dist. Ed Proposed For
This is an intermediate course for students in the Radiologic Technology program.	College(s): Mesa
Course material provides students with supervised clinical training at a District clinical	
affiliate. Topics include the advancement of patient care and radiographic skills while	Effective: Fall 2020
employing appropriate medical ethics and safety and effective healthcare	
communication. Supervision is shared by the staff of the clinical education center and	
college faculty.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

## Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

257A Directed Clinical Practice IV	Offered At: Mesa
360 - hours other, 7.5 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Radiologic Technology 256C with a grade of "C" or better, or equivalent.	11
<i>Corequisite: Completion of or concurrent enrollment in:</i> Radiologic Technology 210, Radiologic Technology 210L, Radiologic Technology 221, Radiologic Technology 230,	Proposed for College(s): Mesa
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	Originating Campus: MESA
course is not open to students with previous credit for Radiologic Technology 252B or	
Radiologic Technology 255A.	Dist. Ed Proposed For
This is an advanced course for students in the Radiologic Technology program. This	College(s): Mesa
course provides students with supervised clinical training at a District clinical affiliate.	Effective: Fall 2020
Topics include the advancement of skills in patient care and radiographic skills while	Effective: Fall 2020
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.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

## Subject: Radiologic Technology (RADT) Discipline: Radiological Technology

257C Directed Clinical Practice VI	Offered At: Mesa
288 - hours other, 6 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite</i> : Radiologic Technology 257B with a grade of "C" or better, or equivalent.	
Limitation on Enrollment: Special Admission - must be admitted to program. This	Proposed for College(s): Mesa
course is not open to students with previous credit for Radiologic Technology 253B or	
Radiologic Technology 255C.	Originating Campus: MESA
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.	Dist. Ed Proposed For
Topics include the advancement of skills in patient and radiographic care while employing appropriate medical ethics and safety, as well as effective healthcare	College(s): Mesa
communication. Supervision is shared by the staff of the clinical education center and	
college faculty.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Russian (RUSS) Discipline: Foreign Languages

102 Second Course in Russian	Offered At: Mesa, City
80 - 90 hours lecture, 5 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
<i>Prerequisite:</i> Russian 101 or two years of high school Russian or equivalent.	
This course is the second in the Russian language series. Emphasis is placed on	Proposed for College(s): Mesa
developing language competency and an understanding of the Russian culture. In this interactive course, students listen, read, speak, and write beyond the novice level.	
Students develop their receptive and productive competencies to the low-intermediate	<b>Originating Campus:</b> MESA
or mid-intermediate level. Additional language structures and vocabulary for	Dist. Ed Drongood For
communication are examined and explored in Russian. This course is intended for all	Dist. Ed Proposed For College(s): Mesa
students interested in the Russian language and culture.	Conege(s): Mesa
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

\*Requires Board of Trustees approval prior to implementation

## Subject: Spanish (SPAN) Discipline: Foreign Languages

125 Spanish for Health Care Professionals I	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Spanish 101 with a grade of "C" or better, or equivalent or equivalent or	
two years of high school Spanish with a grade of 'C' or better, or equivalent.	Proposed for College(s): Mesa
This Spanish course develops comprehension and fluency and introduces medical	
terminology and content at the novice-high level through culturally and medically	<b>Originating Campus:</b> MESA
relevant materials. Students acquire the specialized vocabulary needed in medical	9 9 F
professions, dramatize professional medical interactions, and develop the grammatical	Dist. Ed Proposed For
and cultural competency needed to succeed as health professionals. Culturally sensitive	College(s): Mesa
oral communication is emphasized and context-specific grammatical structures	
particular to the health profession introduced. This course is intended for students	Effective: Fall 2020
preparing to work in the medical and health fields.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Spanish (SPAN) Discipline: Foreign Languages

202 Fourth Course in Spanish	Offered At: City, Mesa, Miramar
80 - 90 hours lecture, 5 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Spanish 201 with a grade of "C" or better, or equivalent.	11
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for	Proposed for College(s): Mesa
Spanish 200.	
This interactive course is the fourth in the Spanish language series. Emphasis is placed on the use of complex language structures and vocabulary to communicate beyond	<b>Originating Campus: MESA</b>
casual conversation and to express opinions and offer hypothetical possibilities related	Dist Ed Duon and Eau
to abstract issues and plans, cultural norms and values, and interpersonal relationships.	Dist. Ed Proposed For College(s): Mesa
Students are encouraged to think critically by analyzing linguistic structures and making	Conege(s). Mesa
cross cultural comparisons related to the Spanish speaking world. This course is	Effective: Fall 2020
intended for students majoring in Spanish and anyone interested in gaining proficiency	
in the Spanish language for academic purposes and/or personal enrichment.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

## Subject: Spanish (SPAN) Discipline: Foreign Languages

215 Spanish for Spanish Speakers I	Offered At: City, Mesa
80 - 90 hours lecture, 5 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: This course is not open to students with previous credit for	II
Spanish 201.	Proposed for College(s): City
This course is designed for students who are fluent in spoken, informal Spanish and	if it is a second se
who need to improve their writing, reading, and grammar skills. Emphasis is placed on	<b>Originating Campus:</b> CITY
formal, written communication skills in Spanish at the intermediate level, and the study	5 5 I
of Hispanic and Chicano culture through contemporary reading materials. The course	<b>Dist. Ed Proposed For College(s):</b> City
focuses on language challenges particular to Spanish speakers such as orthography, the	
inappropriate mix of English and Spanish, and contrasts between standard Spanish and	Effective: Fall 2020
regional variations. This course is conducted entirely in Spanish.	
FIELD TRIP REQUIREMENTS: May be required	
THERE INTERNETIS. May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. IGETC.	
UC Transfer Course List. CSU General Education.	

#### Subject: Spanish (SPAN) Discipline: Foreign Languages

216 Spanish for Spanish Speakers II	Offered At: City, Mesa
80 - 90 hours lecture, 5 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Spanish 215 with a grade of "C" or better, or equivalent.	11
<i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Spanish 202, nor to Spanish speakers who have received the equivalent of a high school	Proposed for College(s): City
degree in a Spanish speaking country.	Originating Campus: CITY
This course is the second of a two-course sequence in Spanish for Spanish Speakers. It	originating campust critic
is designed for students who are fluent in spoken, informal Spanish and who need to	Dist. Ed Proposed For College(s): City
improve their writing, reading, and grammar skills. It furthers the mastery of formal,	g-(-)g-(-)g-(-)
written communication in Spanish at the intermediate-advanced level, while integrating	Effective: Fall 2020
instruction in Hispanic and Chicano culture through increased practice in intermediate-	
advanced level readings, relevant, and authentic materials. The course focuses on	
language challenges that Spanish speakers still encounter at intermediate-advanced	
level, such as orthography, the inappropriate mix of English and Spanish in specific	
contexts, and standard Spanish as contrasted with regional variations. This course is	
conducted entirely in Spanish.	
FIELD TRIP REQUIREMENTS: May be required	
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TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	
Scholar Education, 1921 C. CO Transfer Course Elist.	

# Subject: Sustainability (SUST) Discipline: Anthropology, Biological Sciences, Economics, Geography, Peace Studies, Philosophy, Sociology

101 Introduction to Sustainability	Offered At: City, Mesa, Miramar
48 - 54 hours lecture, 3 units	-
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Advisory: English 101 or English 105, each with a grade of "C" or better, or equivalent	
or Milestone R60 and W60.	<b>Proposed for College(s):</b> Miramar
This course introduces students to an interdisciplinary examination of the theory and	roposed for Conege(s). Winamar
practices of sustainability. Sustainability can be defined as meeting the needs of the	<b>Originating Campus:</b> MIRAMAR
present generation without compromising the ability of future generations to meet their	originating campust time for ite
own needs. Topics include restoring ecological and environmental health, creating	Dist. Ed Revision Proposed For
economic welfare, and ensuring social justice. This course is intended for students	College(s): Miramar
interested in sustainability, environmental ethics, and peace studies.	
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. IGETC.	
CSU General Education. UC Transfer Course List.	

#### Subject: Vietnamese (VIET) Discipline: Foreign Languages

101 First Course in Vietnamese	Offered At: Mesa
80 - 90 hours lecture, 5 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
This is the first course in Vietnamese with emphasis on understanding, speaking and reading the language of everyday life. In this interactive course, the elements of	Approved
grammar are examined with practice in writing Vietnamese, using the subject matter relating to the culture and traditions. Basic language structures and vocabulary for	Proposed for College(s): Mesa
communication are examined and explored in Vietnamese. This course may especially be of interest to students preparing for a career in education.	Originating Campus: MESA
FIELD TRIP REQUIREMENTS: May be required	Dist. Ed Proposed For College(s): Mesa
<b>TRANSFER APPLICABILITY:</b> Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.	Effective: Fall 2020

## Subject: Vietnamese (VIET) Discipline: Foreign Languages

102 Second Course in Vietnamese	Offered At: Mesa
80 - 90 hours lecture, 5 units	
Letter Grade or Pass/No Pass Option	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Vietnamese 101 with a grade of "C" or better, or equivalent.	11
This is the second course in the Vietnamese language sequence. In this interactive	Proposed for College(s): Mesa
course, students use listening, reading, speaking and writing at more complex levels.	
The students further develop their receptive and productive competencies to the intermediate low or mid level. The elements of grammar are examined with practice in	<b>Originating Campus:</b> MESA
writing Vietnamese, using the subject matter relating to the culture and traditions. This	
course is intended for students interested in languages and for those interested in further	Dist. Ed Proposed For
academic study of Vietnamese.	College(s): Mesa
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	Effective: Fall 2020
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU	
General Education. IGETC. UC Transfer Course List.	

#### Subject: Veterinary Technology (VTAH) Discipline: Registered Veterinary Technician

100A Animal Care and Management	Offered At: Mesa
72 - 81 hours lab, 1.5 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: Special Admission - must be admitted to program. This	11
course is not open to students with previous credit for Animal Health Technology 100A. This introductory course provides Animal Health Technology students with practical	Proposed for College(s): Mesa
experience in the basic husbandry of many animal species. Students learn and practice	<b>Originating Campus:</b> MESA
"essential" and "recommended" tasks as required by the American Veterinary Medical	8 8 1
Association and the California Veterinary Medical Board Knowledge, Skills and	Dist. Ed Proposed For
Abilities Tasks List. These tasks include methods of housing or caging, nutrition and feeding, sanitation and hygiene in an animal setting, and handling and restraint of the	College(s): Mesa
various species. Students are actively involved in the daily care of the program's	
resident animals. Student teams are assigned to a rotation schedule so that every student	Effective: Fall 2020
works with every animal during the semester. Applicable veterinary medical and animal	
husbandry terminology is included.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

## Subject: Veterinary Technology (VTAH) Discipline: Registered Veterinary Technician

115 Veterinary Office Procedures	Offered At: Mesa
32 - 36 hours lecture, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: Special Admission - must be admitted to program. This	
course is not open to students with previous credit for Animal Health Technology 115.	Proposed for College(s): Mesa
This course is for students enrolled in the Animal Health Technology Program. This	
veterinary office procedures course is designed to introduce the Animal Health	<b>Originating Campus:</b> MESA
Technology student to the development and facilitation of client care, staff	
management, financial guidelines, patient management and record keeping in a	Dist. Ed Proposed For
veterinary setting. Topics include: client and staff communication, veterinary medical	College(s): Mesa
ethics, veterinary logs and legalities, computer usage, medical math and financial	
management, and purchasing and inventory management in relationship to a veterinary	Effective: Fall 2020
establishment. Resume writing and job interviewing skills are also covered. Appropriate	
veterinary terminology is included.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	
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## Subject: Veterinary Technology (VTAH) Discipline: Registered Veterinary Technician

135 Veterinary Pharmacology	Offered At: Mesa
32 - 36 hours lecture, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Veterinary Technology 145, and Veterinary Technology 205 with a grade	
of "C" or better, or equivalent.	<b>Proposed for College(s):</b> Mesa
Limitation on Enrollment: Special Admission - must be admitted to program. This	Toposed for Conege(s). Mesa
course is not open to students with previous credit for Animal Health Technology 135	<b>Originating Campus:</b> MESA
This course is for Animal Health Technology students. The course provides the student	
with an introduction to the actions and uses of pharmacological agents: drug	Dist. Ed Proposed For
classifications, modes of action, indications and contradictions, routes of administration,	College(s): Mesa
and mechanisms of elimination. Dispensing and pharmacy management, as well as, the	
laws regulating controlled substances are covered. Students are expected to correctly	Effective: Fall 2020
solve medical math problems and calculate drug doses. Appropriate medical	
terminology is included.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

## Subject: Veterinary Technology (VTAH) Discipline: Registered Veterinary Technician

140 Veterinary Microbiology and Immunology	Offered At: Mesa
32 - 36 hours lecture, 2 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
Limitation on Enrollment: Special Admission - must be admitted to program. This	-TT
course is not open to students with previous credit for Animal Health Technology 140.	Proposed for College(s): Mesa
This course covers the fundamentals of veterinary microbiology and immunology. This	
includes the taxonomy, structure, physiology, reproduction, growth, and diversity of	<b>Originating Campus:</b> MESA
micro-organisms of importance in the veterinary field. Also covered are the basic	
techniques for culturing, staining, identifying, and controlling the various micro-	Dist. Ed Proposed For
organisms found in this field. Appropriate veterinary terminology is included. This	College(s): Mesa
course is for students enrolled in the Animal Health Technology program.	
	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Veterinary Technology (VTAH) Discipline: Registered Veterinary Technician

145 Veterinary Anatomy and Physiology	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: Special Admission - must be admitted to program.	II ····
This course is not open to students with previous credit for Animal Health Technology	<b>Proposed for College(s):</b> Mesa
120 or Animal Health Technology 145.	
This lecture course is designed to introduce the Animal Health Technology student to	<b>Originating Campus:</b> MESA
the comparative normal anatomy and physiology of selected domestic animal species.	0 0 I
The eleven anatomical systems are covered and material presented ranges from the	Dist. Ed Proposed For
microscopic cellular level to the level of the full organism. Relevant application of	College(s): Mesa
structure and function to the clinical medical situations is addressed. Appropriate	
veterinary medical terminology is included with each system.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	
I RANSPER AT ELICABILITT, Associate Degree Credit & transfer to CSU.	

\*Requires Board of Trustees approval prior to implementation

## Subject: Veterinary Technology (VTAH) Discipline: Registered Veterinary Technician

145L Veterinary Anatomy and Physiology Lab	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Veterinary Technology 145.	II
<i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Animal Health Technology 120	Proposed for College(s): Mesa
or Animal Health Technology 145L. This veterinary anatomy and physiology laboratory course is designed to provide the	Originating Campus: MESA
Animal Health Technology student with the opportunity to investigate and study the	Dist. Ed Proposed For
principles of normal anatomy and physiology presented in the corresponding lecture course. Techniques for the safe and proper dissection are introduced and practiced by	College(s): Mesa
the student during the extensive animal dissection. All eleven anatomical systems are studied through actual dissection or models. Relevant application of structure and	Effective: Fall 2020
function to the clinical medical situations is addressed. Appropriate medical	
terminology is included with each system. Animal dissection is carried out by each	
student.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

Subject: Veterinary Technology (VTAH) Discipline: Registered Veterinary Technician

155 Fundamentals of Animal Health Technology	Offered At: Mesa
56 - 63 hours lecture, 3.5 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: Special Admission - must be admitted to program. This	
course is not open to students with previous credit for Animal Health Technology 105	Proposed for College(s): Mesa
or Animal Health Technology 155.	
This is introductory lecture course is for the Animal Health Technology student. It	Originating Campus: MESA
defines the role of the Animal Health Technician in private veterinary practice, research	
institutions, regulatory agencies and zoos. Topics covered include basic animal care and management, identification of species and breeds, animal restraint and handling	Dist. Ed Proposed For
techniques, physical examination techniques, sanitation and personal hygiene,	College(s): Mesa
medicating, zoonotic disease risk factors, basic animal nursing skills, instruments and	
equipment, and identification of domestic animal breeds. Appropriate veterinary	Effective: Fall 2020
terminology is included.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

## Subject: Veterinary Technology (VTAH) Discipline: Registered Veterinary Technician

155L Fundamentals of Animal Health Technology Laboratory	Offered At: Mesa
96 - 108 hours lab, 2 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Corequisite: Veterinary Technology 155.	II ····
<i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Animal Health Technology 105L	Proposed for College(s): Mesa
or Animal Health Technology 155L.	Originating Campus: MESA
This introductory course is for students in the Animal Health Technology Program. It	
utilizes demonstrations, laboratory exercises, group activities, and lectures to illustrate	Dist. Ed Proposed For
the fundamentals of Animal Health Technology. Course work fulfills the student's need	College(s): Mesa
to learn and practice "essential" and "recommended" tasks from the American	
Veterinary Medical Association's Knowledge, Skills, and Abilities Task List. These	Effective: Fall 2020
tasks include animal restraint and handling skills, physical exam basics, medicating techniques, breed and species identification, basic animal nursing skills, surgical	
equipment and veterinary medical equipment identification, basic nutrition,	
sanitation/sterilization, and personal hygiene. Appropriate veterinary medical	
terminology is also included.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

## Subject: Veterinary Technology (VTAH) Discipline: Registered Veterinary Technician

225 Animal Nursing Techniques and Anesthesiology	Offered At: Mesa
48 - 54 hours lecture, 3 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Veterinary Technology 145 with a grade of "C" or better, or equivalent.	11
Limitation on Enrollment: Special Admission - must be admitted to program. This	Proposed for College(s): Mesa
course is not open to students with previous credit for Animal Health Technology 225.	
This lecture course is designed to introduce the Animal Health Technology student to	<b>Originating Campus: MESA</b>
veterinary anesthesia, surgical and medical nursing techniques, dental hygiene, emergency first aid, and correct legal documentation. Emphasis is placed on the	
appropriate use of veterinary medical terminology to explain techniques of intravenous	Dist. Ed Proposed For
and inhalation anesthesia, surgical asepsis, instrument sterilization, patient monitoring,	College(s): Mesa
and pre operative, operative, post operative and after care nursing. Additional topics	
include fluid therapy, bandaging/splints/casts, and commonly performed medical	Effective: Fall 2020
procedures. Appropriate pharmacological agents are discussed throughout the course	
with emphasis on classification, dosage, method of action, method of administration,	
dispensing procedures and pharmacy management.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

## Subject: Veterinary Technology (VTAH) Discipline: Registered Veterinary Technician

227 Veterinary Surgical and Nursing Procedures Lab	Offered At: Mesa
48 - 54 hours lab, 1 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Veterinary Technology 145, Veterinary Technology 155 and	II
Veterinary Technology 155L, each with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
Corequisite: Completion of or concurrent enrollment in: Veterinary Technology 225	roposed for Conege(s). Mesu
with a grade of "C" or better, or equivalent.	<b>Originating Campus:</b> MESA
Limitation on Enrollment: Special Admission - must be admitted to program.	originating campus: willow
This course is not open to students with previous credit for Animal Health Technology	Dist. Ed Proposed For
226A or Animal Health Technology 227.	College(s): Mesa
This surgical nursing and anesthesia laboratory course provides Animal Health	
Technology students with the opportunity to practice the principles and procedures of	Effective: Fall 2020
surgical nursing and anesthesia. Topics include surgical asepsis, instrument sterilization,	
patient monitoring, surgical and medical nursing, dental prophylaxis, emergency first	
aid, bandages, splints, casts, catheters, suturing patterns, collection and analysis of	
clinical pathology samples, blood transfusion therapy and cardio-pulmonary	
resuscitation. Students calculate anesthetic doses, fluid drip rates, and post-operative	
medication doses and practice safe operation and proper maintenance of anesthetic	
machines, anesthetic-surgical monitoring equipment, crash carts, and laboratory	
equipment commonly used in the veterinary field.	
FIELD TRIP REQUIREMENTS: May be required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

## Subject: Veterinary Technology (VTAH) Discipline: Registered Veterinary Technician

270 Veterinary Work Experience	Offered At: Mesa
60 - 300 hours other, 1-4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Prerequisite: Veterinary Technology 115, Veterinary Technology 125, and	
Veterinary Technology 125L, each with a grade of "C" or better, or equivalent.	Proposed for College(s): Mesa
Corequisite: Completion of or concurrent enrollment in: Veterinary Technology 135,	g-(-)
Veterinary Technology 225 and Veterinary Technology 227, each with a grade of "C"	<b>Originating Campus:</b> MESA
or better, or equivalent.	8 8 I
Limitation on Enrollment: Special Admission - must be admitted to program. This	Dist. Ed Proposed For
course is not open to students with previous credit for Animal Health Technology 270.	College(s): Mesa
This course is for Animal Health Technology (AHT) students to acquire on-the-job	
training within a veterinary facility. All AHT students must complete a minimum of 240	Effective: Fall 2020
hours (4 units) of on-the-job training in an approved veterinary facility in order to	
graduate. This work experience course of supervised internship work or employment is	
designed to assist students to acquire career awareness, work habits, attitudes and skills	
related to the field of veterinary medicine. Credit may be accrued at the rate of 1 to 8	
units per semester for a total of 16 units. Additionally, students must work 75 paid hours or 60 non-paid hours per unit earned. The combined maximum credit for all work	
experience course work from all disciplines may not exceed 16 units.	
experience course work nom an disciplines may not exceed to units.	
FIELD TRIP REQUIREMENTS: Not required	
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TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

## Subject: Work Experience (WORK) Discipline: Business, Counseling

270 Occupational Work Experience	Offered At: City, Mesa, Miramar
60 - 300 hours other, 1-4 units	
Grade Only	Action(s) Proposed: Distance Learning
	- No Other Action
REQUISITES:	Approved
Limitation on Enrollment: Obtain Permission Number-Work Exp. Coordinator.	
This course provides on-the-job learning experiences for students employed in a job or	Proposed for College(s): Mesa
internship related to an occupational major. Students develop workplace competencies,	
critical thinking skills, and problem solving abilities through the creation and	<b>Originating Campus: MESA</b>
achievement of job-related behavioral learning objectives. One unit of credit may be	0 0 I
earned for each 75 hours of paid employment or 60 hours of volunteer work. This	Dist. Ed Proposed For
course may be taken up to four times. However, the combined maximum credit for all	College(s): Mesa
Work Experience courses from all subject areas may not exceed 16 units. This course is	
intended for students majoring or interested in an occupational field of study.	Effective: Fall 2020
FIELD TRIP REQUIREMENTS: Not required	
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	

#### Subject: Work Experience (WORK) Discipline: Work Experience Instructors or Coordinators

272 General Work Experience	Offered At: Mesa
60 - 225 hours other, 1-3 units	
Grade Only	Action(s) Proposed: Distance Learning - No Other Action
REQUISITES:	Approved
<i>Limitation on Enrollment:</i> Obtain Permission Number-Work Exp. Coordinator. 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	Proposed for College(s): Mesa Originating Campus: MESA
not exceed 16 units.	Dist. Ed Proposed For
FIELD TRIP REQUIREMENTS: Not required	College(s): Mesa
TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.	Effective: Fall 2020

Approved

# **Curriculum Instructional Council** Actions Approved – May 14, 2020 Addendum

## **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.)