

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

Subject: Animal Health Technology (ANHL) Discipline: Registered Veterinary Technician

<p>100A Animal Care and Management</p> <p align="right">72 - 81 hours lab, 1.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Biology 107, Chemistry 100 and Chemistry 100L, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This introductory course provides Animal Health Technology students with practical experience in the basic husbandry of many animal species. Students learn and practice "essential" and "recommended" tasks as required by the American Veterinary Medical Association and the California Veterinary Medical Board Knowledge, Skills and 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 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 works with every animal during the semester. Applicable veterinary medical and animal husbandry terminology is included.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Equivalency (End)</i> <i>Limitation on Enrollment (Remove)</i> <i>Student Learning Objectives</i> <i>Supplies</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Animal Health Technology (ANHL) Discipline: Registered Veterinary Technician

<p>100B Advanced Animal Care and Management</p> <p align="right">72 - 81 hours lab, 1.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 100A, Animal Health Technology 105, Animal Health Technology 105L, Animal Health Technology 115, Animal Health Technology 145 and Animal Health Technology 145L, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course provides Animal Health Technology students with significant responsibility in the resident animal care and advanced techniques in the general husbandry of many animal species. Students learn and practice "essential" and "recommended" tasks as required by the American Veterinary Medical Association and the California Veterinary Medical Board Knowledge, Skills and Abilities Tasks List. These tasks include advanced methods of housing or caging, nutrition and feeding, sanitation and hygiene in an animal setting, and handling and restraint of the various species. Students are actively involved in the daily care of the program's resident animals. Students supervise student teams assigned in a rotation schedule. Applicable veterinary medical and animal husbandry terminology is included.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Equivalency (End)</i> <i>Limitation on Enrollment (Remove)</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Supplies</i> <i>Texts</i> <i>Writing Assignments</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

Subject: Animal Health Technology (ANHL)

<p>*~ 120 Comparative Physiological Anatomy 48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Biology 107, Chemistry 100 and Chemistry 100L, each with a grade of "C" or better, or equivalent. <i>Advisory:</i> English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Level R5 and W5; Mathematics 46 with a grade of "C" or better, or equivalent or Assessment Skill Level M40. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This lecture and laboratory course is designed to introduce the first semester Animal Health Technology student to the comparative normal anatomy and physiology of selected domestic animal species. The eleven anatomical systems are covered and material presented ranges from the microscopic cellular level to the level of the full organism. Relevant application of structure and function to the clinical medical situations is addressed. Appropriate medical terminology is included with each system. Animal dissection is carried out by each student.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Animal Health Technology (ANHL) Discipline: Registered Veterinary Technician

<p>125 Veterinary Clinical Pathology 48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 105, Animal Health Technology 105L, Animal Health Technology 145 and Animal Health Technology 145L, each with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Animal Health Technology 125L. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course provides Animal Health Technology students with an introduction to the clinical examination of blood, urine, feces, dermal, and other commonly analyzed samples found in the veterinary field. Topics include: the safe and proper collection of diverse samples, the safe and proper handling of samples, the various methods of sample analysis, and the significance of normal and abnormal results. The identification, life cycle, and clinical importance of ectoparasites, endoparasites, and fungal parasites are discussed. Appropriate stains, reagents, and terminology are included.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Methods of Evaluation</i> <i>Outline of Topics</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Curriculum Instructional Council Actions Approved – October 10, 2013

Subject: Animal Health Technology (ANHL) Discipline: Registered Veterinary Technician

<p>125L Veterinary Clinical Pathology Laboratory</p> <p style="text-align: right;">96 - 108 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 105, Animal Health Technology 105L, Animal Health Technology 145 and Animal Health Technology 145L, each with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Completion of or concurrent enrollment in Animal Health Technology 125. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This clinical pathology laboratory course is designed to provide Animal Health Technology students with the opportunity to practice the principles and procedures of clinical pathology. Techniques for the safe and proper collection, handling, and storage of blood, urine, fecal, ear, vaginal, milk, and skin samples in various species are introduced and practiced by the student. Students perform analytical tests appropriate for each sample type and evaluate the results. Safe operation and proper maintenance of laboratory equipment commonly used in the veterinary field is stressed. Appropriate veterinary medical terminology is presented.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Methods of Evaluation</i> <i>Outline of Topics</i> <i>Student Learning Objectives</i> <i>Supplies</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Animal Health Technology (ANHL) Discipline: Registered Veterinary Technician

<p>135 Veterinary Pharmacology</p> <p style="text-align: right;">32 - 36 hours lecture, 2 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 145, Animal Health Technology 145L and Animal Health Technology 205, each with a grade of "C" or better, or equivalent. <i>Advisory:</i> Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. 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 classifications, modes of action, indications and contradictions, routes of administration, and mechanisms of elimination. Dispensing and pharmacy management as well as the laws regulating controlled substances are covered. Students are expected to correctly solve medical math problems and calculate drug doses. Appropriate medical terminology is included.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Methods of Evaluation</i> <i>Outline of Topics</i> <i>Supplies</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation

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**Curriculum Instructional Council
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Subject: Animal Health Technology (ANHL) Discipline: Registered Veterinary Technician

<p>205 Diseases of Domestic Animals</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 145 and Animal Health Technology 145L, each with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Completion of or concurrent enrollment in Animal Health Technology 125 and Animal Health Technology 125L. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course provides Animal Health Technology students with an introduction to infectious, non-infectious, and zoonotic diseases and conditions of domestic animals. Material covered includes the etiology, pathogenesis, pathophysiology, and clinical signs of each disease. This course also details disease or condition-specific nursing care, treatments or diagnostic test methods. Appropriate veterinary medical terminology is included.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Methods of Evaluation</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Animal Health Technology (ANHL) Discipline: Registered Veterinary Technician

<p>215 Veterinary Radiography</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 145 and Animal Health Technology 145L, each with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Animal Health Technology 215L. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course introduces the Animal Health Technician student to the use of radiography and role of radiography and imaging in the veterinary medical fields. Topics include radiation, x-ray beam production, intensifying screens, cassettes, grid usage, latent and visible image formation, film processing, alternative imaging methods, and legal requirements. Protocols for commonly used radiographic studies and introductory radiographic film interpretation are included. Special emphasis is placed on radiation safety for the patient and all personnel. Also included is the proper use and maintenance of all veterinary radiographic and processing equipment. Appropriate imaging terminology is included.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Methods of Instruction</i> <i>Student Learning Objectives</i> <i>Supplies</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Animal Health Technology (ANHL) Discipline: Registered Veterinary Technician

<p>215L Veterinary Radiography Laboratory</p> <p align="right">48 - 54 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 105L, Animal Health Technology 145 with a grade of "C" or better, or equivalent and Animal Health Technology 145L, each with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Animal Health Technology 215. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is designed to provide the Animal Health Technology students with the opportunity to practice the concepts of radiology. The students utilize established veterinary positioning and technical protocols. They expose and process radiographs to develop a technique chart for commonly used veterinary radiographic studies, including contrast studies. The students also practice radiographic film evaluation techniques, radiation log production, and radiographic equipment maintenance. Darkroom procedures and practices that prevent artifacts are employed including equipment maintenance. An introduction to performing an ultrasound abdominal exam is provided including handling and maintenance of the equipment. Also included is an introduction to digital dental exam, including handling and maintenance of the equipment. Procedures and protocols for radiation safety of patient, handler, and equipment are stressed.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Student Learning Objectives</i> <i>Supplies</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Animal Health Technology (ANHL) Discipline: Registered Veterinary Technician

<p>225 Animal Nursing Techniques and Anesthesiology</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 125 and Animal Health Technology 125L, each with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Animal Health Technology 227. <i>Advisory:</i> Completion of or concurrent enrollment in Animal Health Technology 135 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This lecture course is designed to introduce the Animal Health Technology student to 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 and inhalation anesthesia, surgical asepsis, instrument sterilization, patient monitoring, and pre operative, operative, post operative and after care nursing. Additional topics include fluid therapy, bandaging/splints/casts, and commonly performed medical 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.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Corequisite (New)</i> <i>Course Description</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Prerequisite (Change)</i> <i>Reading Assignments</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Animal Health Technology (ANHL)

<p>*~ 226A Surgical Nursing Procedures Lab I</p> <p style="text-align: right;">48 - 54 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 105, Animal Health Technology 105L, Animal Health Technology 120 and Animal Health Technology 125, each with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Animal Health Technology 225. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Animal Health Technology 225L. This is a laboratory course designed to illustrate the principles presented in Animal Health Technology 225. It allows for the beginning application of theories and laboratory procedures as taught in lecture.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Animal Health Technology (ANHL)

<p>*~ 226B Surgical Nursing Procedures Lab II</p> <p style="text-align: right;">48 - 54 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 105, Animal Health Technology 105L, Animal Health Technology 120, Animal Health Technology 125, Animal Health Technology 225 and Animal Health Technology 226A, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Animal Health 225L. This course is a continuation of Animal Health Technology 226A and is a laboratory course designed to continue the illustration of the principles presented in Animal Health Technology 225. It allows for an advanced application of theories and procedures as taught in Animal Health Technology 225.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Animal Health Technology (ANHL) Discipline: Registered Veterinary Technician

<p>*~ 227 Veterinary Surgical and Nursing Procedures Lab 48 - 54 hours lab, 1 units</p> <p style="text-align: right;">Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 125 and Animal Health Technology 125L, each with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Completion of or concurrent enrollment in Animal Health Technology 135 and Animal Health Technology 225, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This surgical nursing and anesthesia laboratory course provides Animal Health Technology students with the opportunity to practice the principles and procedures of 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.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course <i>Approved</i></p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Animal Health Technology (ANHL) Discipline: Registered Veterinary Technician

<p>*~ 229 Advanced Surgical Nursing Procedures Lab 48 - 54 hours lab, 1 units</p> <p style="text-align: right;">Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Animal Health Technology 125, Animal Health Technology 125L, Animal Health Technology 135, Animal Health Technology 225 and Animal Health Technology 227, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This lab course is designed to introduce the Animal Health Technology student to practical application of veterinary anesthesia, surgical and medical nursing techniques, dental hygiene, emergency first aid, and correct legal documentation. Techniques of intravenous and inhalation anesthesia, surgical asepsis, pre-operative, operative, post-operative, after care nursing and patient monitoring are performed by assisting the veterinarian. Instrument sterilization, fluid therapy, bandaging/splints/casts, and commonly performed medical treatments and procedures are practiced by each student. Appropriate pharmacological agents are discussed, and utilized including classification, dosage, method of action, method of administration, calculation, dispensing procedures and pharmacy management. Appropriate veterinary medical terminology is applied.</p> <p>FIELD TRIP REQUIREMENTS: Required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course <i>Approved</i></p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Curriculum Instructional Council Actions Approved – October 10, 2013

Subject: Aviation Maintenance Technology (AVIM) Discipline: Aeronautics or Electricity or Electronic Technology or Electronics

<p>120 Basic D.C. Electronics Theory</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30. <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Electronic Systems 124 or 124L or Electronics 120 or 120A or Electricity 111 or 111L. This course provides instruction in direct current electronics theory. Topics include atomic theory, direct current concepts, series, parallel, and circuit analysis, magnetism, and electromagnetism. The course emphasizes the theoretical application of Ohm's and Kirchoff's laws. This course is intended for students majoring in Aviation Maintenance Technology or those seeking a Federal Aviation Administration (FAA) Mechanics Certificate with Airframe or Powerplant rating.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Course Description</i> <i>Outside Assignments</i> <i>Prerequisite (New)</i> <i>Texts</i></p> <p style="text-align: center;">Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2014</p>
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Subject: Aviation Maintenance Technology (AVIM) Discipline: Aeronautics or Electricity or Electronic Technology or Electronics

<p>121A Applied Basic D.C. Electronics</p> <p style="text-align: right;">72 - 81 hours lab, 1.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30. <i>Corequisite:</i> Completion of or concurrent enrollment in Aviation Maintenance Technology 120 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 Assessment Skill Levels R5 and W5. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Electronic Systems 124 or 124L or Electronics 121, 121A or 123 or Electricity 111 or 111L. This course provides instruction in practical applications of direct current electronics theory. Topics include atomic theory, direct current concepts, series, parallel, and circuit analysis, magnetism, and electromagnetism. The course emphasizes the proper use of multimeters and the troubleshooting of direct current circuits. This course meets the minimum requirements of Federal Aviation Regulation (FAR) Part 147, Appendix B, Subject A. It is intended for students majoring in Aviation Maintenance Technology or those seeking a Federal Aviation Administration (FAA) Mechanics Certificate with Airframe or Powerplant rating.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Course Description</i> <i>Methods of Evaluation</i> <i>Prerequisite (New)</i> <i>Reading Assignments</i> <i>Supplies</i> <i>Texts</i> <i>Writing Assignments</i></p> <p style="text-align: center;">Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2014</p>
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 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

Subject: Banking And Finance (BANK) Discipline: Banking and Finance

<p>106 Loan Underwriting</p> <p align="right">80 - 90 hours lecture, 5 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30. <i>Advisory: Completion of or concurrent enrollment in</i> Banking and Finance 102 and Banking and Finance 104, each with a grade of "C" or better, or equivalent. This course introduces Federal Housing Administration (FHA), Veterans Administration (VA), Conventional, and other loan underwriting processes. Other topics include the place of underwriting in the mortgage process; underwriting components, risks, comparative state laws, rules, and regulations; appraisal review and analysis; and quality control and the fundamental importance of ethics in loan underwriting. Course content relates specifically to California regulations for residential 1-4 unit properties. This course is intended for students interested in real estate, banking, and finance.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review Advisory (New) Course Description Equivalency (End) Limitation on Enrollment (Remove) Methods of Evaluation Methods of Instruction Outline of Topics Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: MIRAMAR</p> <p>Effective: Fall 2014</p>
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Subject: Computer Business Technology (CBTE) Discipline: Office Technologies

<p>161 Learning the Internet</p> <p align="right">12 - 13.5 hours lecture, 12 - 13.5 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Computer Business Technology 103 and Computer Business Technology 114, each with a grade of "C" or better, or equivalent. This course is a basic, hands-on study of the internet. Emphasis is placed on the fundamental skills and techniques required to use the Web efficiently in personal, professional and business settings. This course is intended for students majoring in a variety of applied computer fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review Advisory (New) Course Description Methods of Evaluation Methods of Instruction Outline of Topics Reading Assignments Student Learning Objectives Supplies Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

Subject: Chicano Studies (CHIC) Discipline: Ethnic Studies

<p>150 History of Mexico</p> <p align="right">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. This course is a survey of Mexican history from the ancient times to the present. Special emphasis is given to major historical developments from the time of the Spanish Conquest to the Revolution of 1910 and its aftermath. Special consideration is given to the economic, political, social, and cultural factors which have shaped modern Mexico. This course is designed for students majoring in Chicano Studies or History and prepares students for careers dealing with Mexico and/or Mexican culture and the relationships between Mexico and the United States.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: CITY</p> <p><i>This course is being proposed at City and Mesa for:</i></p> <ul style="list-style-type: none"> • CSU General Education: D3 Area D-Social Sciences Ethnic Studies • IGETC: Area 4. Social and Behavioral Sciences- 4F: History <p>Effective: Fall 2014</p>
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Subject: Fashion (FASH) Discipline: Fashion and Related Technologies

<p>121 Ethnic Costume: History and Design</p> <p align="right">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. This course is a study of historical and contemporary ethnic costume from around the world. Emphasis is placed on silhouette, design, construction and embellishment. This course is designed for fashion majors and all students interested in ethnic costume.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

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

<p>140 Clothing Design and Flat Pattern I</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Fashion 130 with a grade of "C" or better, or equivalent.</i> <i>Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 34A with a grade of "C" or better, or equivalent or Assessment Skill Level M20.</i> This course is a study of clothing design through flat pattern making. Students make patterns by manipulation of a basic sloper to create a variety of designs. This course is designed for all fashion design majors and students interested in creating original clothing designs.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Corequisite (New)</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Fashion (FASH) Discipline: Fashion and Related Technologies

<p>155 Fashion Field Studies</p> <p align="right">48 - 216 hours lab, 1-4 units Grade Only</p> <p>REQUISITES: <i>Advisory: English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6.</i> This course is a field study of the fashion industry. Emphasis is placed on field trip outings to a variety of fashion merchandising and design businesses in San Diego and Los Angeles, and/or other domestic markets. This course is designed for students majoring in fashion and those who wish to explore employment opportunities in the fashion industry.</p> <p>FIELD TRIP REQUIREMENTS: Required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Student Learning Objectives</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

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

<p>173 Fashion Marketing on the Internet</p> <p align="right">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Fashion 105 and Fashion 175, each with a grade of "C" or better, or equivalent. This course is a study of fashion marketing on the Internet. Emphasis is placed on the development of webpages and a survey of social media used to promote business in the fashion field. Students develop a marketing plan and web site structure for a fashion-oriented business and create a simple web site that effectively markets a fashion or design product. This course is intended for fashion students and anyone interested in promoting a fashion business.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Outline of Topics</i> <i>Student Learning Objectives</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Geographic Information Systems (GISG)

<p>*~ 90 Introduction to GIS for Fire Fighters</p> <p align="right">16 - 18 hours lecture, 24 - 27 hours lab, 1.5 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> Computer Business Technology 114 or Computer Business Technology 101, each with a grade of "C" or better, or equivalent. This course covers the fundamentals of Geographic Information Systems (GIS) for fire fighters, using spatial information and software to map and analyze information associated with fire planning. Labs include hands-on experience with ArcGIS software in the subject areas of map making; scanning, georeferencing, and digitizing fire pre-plans; GIS data creation and management, and working with geoprocessing tools. This course provides the skills and knowledge to create basic spatial data and GIS maps, particularly with reference to fire pre-plans. Students also learn basic GIS skills, a foundation for further study in GIS or to pursue a GIS degree or certificate.</p> <p>FIELD TRIP REQUIREMENTS: Required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Deactivation (Not at any College)</p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

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

<p>64 Medical Ethics and Legal Issues for the Allied Health Professional 16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Medical Assisting 101. This course presents future Allied Health professionals with an overview of ethical and legal practices related to the medical field. Guidelines pertaining to the laws, policies and regulations associated with medical issues and clinical practice within the various Allied Health professions, as well as those established by their associated accrediting/licensing agencies, are described and discussed. The impact of the cultural, social, ethical differences and the expectations from the patient's perspective are analyzed and assessed.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Reading Assignments</i> <i>Text</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>68 Human Behavior for Allied Health Students 48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Medical Assisting 102. This course introduces students in the allied health professions to the basic principles of psychology as they relate to human behavior and personality development from birth to old age. Emphasis is placed on cultural, social, hereditary and environmental influences on human behavior and personality development, including behavior associated with death, dying and grieving. Topics include an exploration of varied cultural beliefs, values and practices regarding health and illness, concepts of mental wellness and mental disorders, and methods of treatment and therapy used in the rehabilitation and recovery of patients with mental illnesses.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

Approved

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

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

<p>76 Principles of Infection Control and Sterile Technique 16 - 18 hours lecture, 24 - 27 hours lab, 1.5 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is not open to students with previous credit for Medical Assisting 106. This course provides an overview and application of current Occupational Safety and Health Administration (OSHA) policies and regulations and Standard Precautions related to infection control in the clinical setting. This course is designed to meet OSHA and blood-borne pathogen control for medical assisting and other allied health students who have potential exposure to infectious material such as blood, urine and other body fluids. The evolution of asepsis and infection control is presented as a basis for understanding the need for protection in health care and service environments. The application and use of personal protective equipment (PPE), medical and surgical aseptic handwashing techniques, disposal of biohazard material and other related topics is explored and practiced. This course also covers the differences between disinfection and sterilization. Students sterilize instruments, materials and equipment using a variety of methods and set-ups to maintain and work in a sterile field.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
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**Curriculum Instructional Council
Actions Approved – October 10, 2013**

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

<p>78 Principles of Patient Care</p> <p style="text-align: right;">16 - 18 hours lecture, 48 - 54 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Medical Assisting 55, Medical Assisting 76, Medical Assisting 82, and Medical Assisting 110, each with a grade of "C" or better, or equivalent.</i> <i>Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.</i> <i>Limitation on Enrollment: This course is not open to students with previous credit for Medical Assisting 112.</i> <i>Limitation on Enrollment: Special Admission - must be admitted to program.</i> This course provides Medical Assisting students with the fundamentals of patient care in the clinical setting. Students practice the communication skills needed to obtain patient information, as well as instruct and educate patients. Students apply the principles of medical documentation to record information obtained from patient interviews, measuring vital signs, procedures performed or other pertinent patient information as an entry in the patient's medical record. Correct body mechanics needed to assist, move and position patients are presented and students practice positioning patients, preparing trays, measuring a patient's vital signs and assisting with general and specialized clinical procedures performed in the medical setting and within the "Scope of Practice" for the Medical Assistant.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Outline of Topics</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

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

<p>82 Diagnostic Testing</p> <p align="right">48 - 54 hours lab, 1 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in Medical Assisting 55, Medical Assisting 78 and Medical Assisting 110, each with a grade of "C" or better, or equivalent. Limitation on Enrollment: Special Admission - must be admitted to program. This course is not open to students with previous credit for Medical Assisting 113.</i> This course presents the principles of diagnostic testing to students in the medical assisting program. Students are introduced to the various types of medical laboratories and methods of quality control for specimen collection, transport, and testing while they learn to screen patients for various diagnostic tests and to follow-up test results. Emphasis is placed on the application of laboratory safety practices in accordance with Standard Precautions and Occupational Safety & Health Administration (OSHA) regulations. Students use common laboratory equipment to perform Clinical Lab Improvement Act (CLIA) approved tests for medical assistants, including hematology, chemistry, immunology and microbiology tests, urinalysis, and respiratory function testing and result analysis. Topics also include the principles of radiological tests, such as X-rays, computerized axial tomography (CT) scanning and magnetic resonance imaging (MRI).</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review Outline of Topics Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Medical Assisting (MEDA) Discipline: Health Care Ancillaries

<p>86 Administrative Medical Assisting II</p> <p align="right">24 - 27 hours lecture, 24 - 27 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Prerequisite: Medical Assisting 110 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, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 46 with a grade of "C" or better, or equivalent or Assessment Skill Level M40. Limitation on Enrollment: This course is not open to students with previous credit for Medical Assisting 205, 240 and 245.</i> This course introduces and instructs Allied Health students in the use of accounting systems for medical and dental offices (including the pegboard and computerized accounting systems) and health insurance procedures. Emphasis is placed on medical accounting terminology, ledgers, methods used in payroll accounting, preparation of account charts and correct completion of benefit and claim forms. This course also prepares students to work with insurance forms in medical offices, hospitals and other clinical settings and in the proper use of procedural and diagnostic coding utilizing the most current editions of Physicians Current Procedural Terminology and International Classification of Diseases.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review Advisory (New) Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

Curriculum Instructional Council
Actions Approved – October 10, 2013

Subject: Multimedia (MULT) Discipline: Multimedia

<p>101 Introduction to Multimedia</p> <p style="text-align: right;">48 - 54 hours lecture, 48 - 54 hours lab, 4 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. This course provides an overview of the dynamic field of multimedia. Emphasis is placed on design theory, processes, hardware, software, and career opportunities in multimedia production. This course is intended for students interested in creating web sites, animation, video production, and graphic design.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Methods of Instruction</i> <i>Reading Assignments</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Multimedia (MULT) Discipline: Multimedia

<p>112 Beginning Flash</p> <p style="text-align: right;">48 - 54 hours lecture, 48 - 54 hours lab, 4 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Multimedia 101 with a grade of "C" or better, or equivalent. This is a projects-based beginner Flash course designed to develop skills in digital image media design and beginning ActionScript. Emphasis is placed on developing interactive web-based and mobile devices incorporating ActionScript, sound, video and graphics at the beginning level. This course is intended for students interested in creating interactive web sites, 2-dimensional (2-D) animation, games and applications.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

Subject: Multimedia (MULT) Discipline: Multimedia

<p>114 Intermediate Flash</p> <p align="right">48 - 54 hours lecture, 48 - 54 hours lab, 4 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Multimedia 112 with a grade of "C" or better, or equivalent. This is a projects-based intermediate Flash course designed to develop skills in digital image media design and intermediate ActionScript. Emphasis is placed on developing interactive web-based multimedia presentations incorporating ActionScript, sound, video and graphics at the intermediate level. This course is intended for students interested in creating interactive web sites, 2-dimensional (2-D) animation, games and mobile applications with ActionScript.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Multimedia (MULT) Discipline: Multimedia

<p>116 Flash Game Development</p> <p align="right">48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Multimedia 114 with a grade of "C" or better, or equivalent. This is a project-based advanced-level course in Flash for online and stand-alone game creation. Emphasis is placed on the game development process, including design, story and character development, the physics and motion of a game, audio issues, optimization, and deployment. This course is designed for students with a strong foundation in Flash ActionScripting.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Student Learning Objectives</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

Subject: Multimedia (MULT) Discipline: Multimedia

<p>122 Vector Image Editing</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5. This is a project-based course designed to develop skills in the use of vector media design software applications. Emphasis is placed on producing vector media elements for a diverse range of applications. This course is intended for multimedia, art, and graphic design students who plan to pursue a career in the multimedia industry.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Methods of Instruction</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Multimedia (MULT) Discipline: Multimedia

<p>123 Digital Video</p> <p align="right">48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</p> <p>REQUISITES: <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Multimedia 112 with a grade of "C" or better, or equivalent. This course is a project-based course in the use of nonlinear digital video editing systems. Emphasis is placed on the process of digital video development and production using non-linear video editing techniques. Topics also include the history of film and traditional filmmaking as they relate to current practices. This course is intended for students pursuing careers in the multimedia industry.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

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

<p>91 Directed Clinical Practice</p> <p align="right">150 - hours other, 2 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Culinary Arts/Culinary Management 101, Culinary Arts/Culinary Management 115, Hospitality 115, Nutrition 150 and Nutrition 180 or Nutrition 89, each 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 Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Nutrition 391. This directed clinical practice course applies previously learned knowledge and skills through supervised dietary services at a healthcare facility. The supervision of the student is shared by the college faculty and the staff of the affiliating institution. This course is for students enrolled in the Dietetic Service Supervisor program, certified by the California State Department of Public Health for long term care food service.</p> <p>FIELD TRIP REQUIREMENTS: Required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Corequisite (Remove)</i> <i>Prerequisite (New)</i> <i>Methods of Instruction</i> <i>Reading Assignments</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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Subject: Nutrition (NUTR) Discipline: Nutritional Science/Dietetics

<p>180 Nutrition and Diet Therapy</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 101 and Mathematics 38, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R6, W6 and M30. This course is a study of the concepts of nutrition in relationship to diet therapy. Emphasis is placed on nutrition assessments of individuals with various diseases and/or conditions and related therapeutic diets. Topics include nutritional support for patients who cannot or will not eat and drug/nutrient interactions. This course is intended for nutrition and allied health majors.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Reading Assignments</i> <i>Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
 ~Course requires CCCC submission

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

Subject: Nutrition (NUTR) Discipline: Nutritional Science/Dietetics Tabled for further discussion at the 11/14/13 CIC Meeting

<p>270 Work Experience</p> <p align="right">60 - 300 hours other, 1-4 units Grade Only</p> <p>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.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Methods of Instruction</i></p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2014</p> <p style="color: red;">Tabled for further discussion at the 11/14/13 CIC Meeting</p>
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Subject: Supervision (SUPR)

<p>*~ 101 Introduction to Supervision</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 48 or English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5 or R5; Business 92 with a grade of "C" or better, or equivalent. This course introduces students to the fundamentals of management, the functions and concepts of supervision, and the role of the supervisor in the organization.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) <i>Approved</i></p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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Subject: Supervision (SUPR)

<p>*~ 115 Management and Organization for Supervisors</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 48 or English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5 or R5; Business 92 with a grade of "C" or better, or equivalent. An analysis of the managerial functions of organizing, staffing, directing, planning, controlling and the principles pertaining to those functions.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Deactivation (Not at any College) <i>Approved</i></p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCCCO submission

Approved

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

Subject: Supervision (SUPR)

<p>*~ 170 Supervisor/Employee Communications</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 48 or English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5 or R5; Business 92 with a grade of "C" or better, or equivalent. This course is designed to develop communications skills for supervisors, consistent with good human relations principles. The emphasis will be on listening and speaking in a variety of on-the-job situations such as one-to-one, small group, and large group communications.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Deactivation (Not at any College)</p> <p>Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2014</p>
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*Requires Board of Trustees approval prior to implementation
~Course requires CCCC submission

Approved

**Curriculum Instructional Council
Actions Approved – October 10, 2013**

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.)

*Animal Health Technology

Program Revision- *Approved*

Animal Health Technology- Mesa, PID 1775: Effective Fall 2014

Animal Health Technology Associate in Science

*Business Studies

Program Deactivation- *Approved*

Business- City, PID 2655: Effective Fall 2014

Supervision 1 Certificate of Performance

*Sustainable Urban Agriculture

Program Revision- *Approved*

Agriculture- City, PID 2542: Effective Fall 2014

Urban Farming Professional Certificate of Achievement

*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission