

### Curriculum Instructional Council Actions Approved – April 14, 2022

**Subject: Alcohol And Other Drug Studies (AODS) Discipline: Addiction Paraprofessional Training, and Counseling, or Psychology**

**153 Chemical Dependency Family Counseling Techniques**  
**48 - 54 hours lecture, 3 units**  
**Grade Only**

**REQUISITES:**

*Advisory:* English 101 with a grade of "C" or better, or equivalent.  
*Advisory:* Completion of or concurrent enrollment in Alcohol and Other Drug Studies 150 and Alcohol and Other Drug Studies 154, each with a grade of "C" or better, or equivalent.  
*Limitation on Enrollment:* This course is not open to students with previous credit for Alcohol and Other Drugs Studies 158.  
This course is a study of the theories and practices related to the family dynamics involved when a member has a substance use problem. Emphasis is placed on therapeutic techniques designed to facilitate effective intervention strategies for the family as a system and for individuals within that system. Topics include assessment, family role delineation, family rules, co-dependency, open and closed family systems, intervention techniques and treatment modalities. This course is intended for students in the Alcohol and Other Drug Studies program and all students interested in the family dynamics in chemical dependency.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.

**Offered At:** City  
**Action(s) Proposed:** Course Revision  
(May Include Activation)  
*Distance Education*  
**Approved**  
**Proposed for College(s):** City  
**Originating Campus:** CITY  
**Effective:** Fall 2022

**Subject: Alcohol And Other Drug Studies (AODS) Discipline: Addiction Paraprofessional Training, and Counseling, or Psychology**

**156 Case Management in Alcohol and Other Drug Counseling**  
**48 - 54 hours lecture, 3 units**  
**Grade Only**

**REQUISITES:**

*Advisory:* Alcohol and Other Drug Studies 150 and Alcohol and Other Drug Studies 154, each with a grade of "C" or better, or equivalent; English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50.  
This course is a study of the theory and practical application of case management skills and techniques in alcohol and other drug counseling. Emphasis is placed on preparing students to work effectively in substance use treatment. Topics include clinical evaluation, treatment planning, referral, service coordination, counseling, client and community education, documentation, and professional and ethical responsibilities for alcohol and other drug counselors. This course is intended for students in the Alcohol and Other Drug Studies program. The material presented in this course is clinical in nature and may not be suitable for the general population of students.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.

**Offered At:** City  
**Action(s) Proposed:** Course Revision  
(May Include Activation)  
*Distance Education*  
**Approved**  
**Proposed for College(s):** City  
**Originating Campus:** CITY  
**Effective:** Fall 2022

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### Curriculum Instructional Council Actions Approved – April 14, 2022

Subject: Alcohol And Other Drug Studies (AODS) Discipline: Addiction Paraprofessional Training, Counseling, Psychology

**159 Co-Occurring Disorders in Alcohol and Other Drug Counseling**  
**48 - 54 hours lecture, 3 units**  
**Grade Only**

**REQUISITES:**

*Advisory:* Alcohol and Other Drug Studies 150, Alcohol and Other Drug Studies 154, and Psychology 101, each with a grade of "C" or better, or equivalent and; English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50.

This course is a study of co-occurring disorders, a condition which occurs when a person has a substance use disorder and a separate psychiatric diagnosis or other mental health-related symptoms or problems. Students learn the definitions and terms related to co-occurring disorders and the principles that guide systems of care for persons with co-occurring disorders. Emphasis is placed on identifying the most current, evidence-based practices for treating co-occurring disorders and applying screening, assessment, referral, and treatment protocols for persons with co-occurring disorders who enter substance use treatment facilities. Students demonstrate the skills necessary to apply for California state certification as an alcohol and drug counselor as they relate to treating co-occurring disorders and familiarity with the terminology, diagnoses, and treatment conditions of the mental health field. This course is intended for students in the Alcohol and Other Drug Studies program. Note that material presented in this course is clinical in nature and may not be suitable for the general population of students.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.

**Offered At:** City

**Action(s) Proposed:** Course Revision  
(May Include Activation)  
*Distance Education*

**Approved**

**Proposed for College(s):** City

**Originating Campus:** CITY

**Effective:** Fall 2022

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Approved

## Curriculum Instructional Council Actions Approved – April 14, 2022

**Subject: Alcohol And Other Drug Studies (AODS) Discipline: Addiction Paraprofessional Training, and Counseling, or Psychology**

**162 Internship Seminar: Alcohol and Other Drug Counseling**

**48 - 54 hours lecture, 3 units**

**Grade Only**

**REQUISITES:**

*Prerequisite:* Alcohol and Other Drug Studies 150, Alcohol and Other Drug Studies 153, Alcohol and Other Drug Studies 154, Alcohol and Other Drug Studies 156, Alcohol and Other Drug Studies 160 and Psychology 161, each with a grade of "C" or better, or equivalent.

*Corequisite:* Alcohol and Other Drug Studies 164 or Alcohol and Other Drug Studies 270.

*Advisory:* Completion of or concurrent enrollment in Alcohol and Other Drug Studies 157 and Alcohol and Other Drug Studies 159, each with a grade of "C" or better, or equivalent.

This course is a study of substance use treatment with an emphasis on developing the skills and abilities of the student-as-intern alcohol and drug counselor. Emphasis is placed on supporting students enrolled in the Alcohol and Other Drug Counseling internship or work experience in substance use treatment. Throughout this course, students engage in critical analysis of their strengths and weaknesses as interns and as potential professionals in the field. Students must be accepted for an internship at an approved substance abuse treatment facility in order to participate in this course. This course is intended only for students in their final semester of the Alcohol and Other Drug Studies Program.

**FIELD TRIP REQUIREMENTS:** May be required

**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU.

**Offered At:** City

**Action(s) Proposed:** Course Revision  
(May Include Activation)  
*Distance Education*

***Approved***

**Proposed for College(s):** City

**Originating Campus:** CITY

**Effective:** Fall 2022

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## Curriculum Instructional Council Actions Approved – April 14, 2022

**Subject: Alcohol And Other Drug Studies (AODS) Discipline: Addiction Paraprofessional Training, and Counseling, or Psychology**

<p><b>164 Internship: Alcohol and Other Drug Counseling</b></p> <p style="text-align: right;"><b>255 hours other, 5 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Alcohol and Other Drug Studies 150, Alcohol and Other Drug Studies 153, Alcohol and Other Drug Studies 154, Alcohol and Other Drug Studies 156, Alcohol and Other Drug Studies 160, and Psychology 161, each with a grade of "C" or better, or equivalent.  <i>Corequisite:</i> Alcohol and Other Drug Studies 162.  <i>Advisory:</i> Completion of or concurrent enrollment in Alcohol and Other Drug Studies 157 and Alcohol and Other Drug Studies 159, 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 Alcohol and Other Drug Studies 163.                      This course provides students with a hands-on learning experience via a directed field study resulting from the cooperative effort of a provider agency, the instructor, and the student. Emphasis is placed on enabling the student intern to learn and experience the work of an alcohol and other drug counseling professional while receiving college credit. Students must be accepted for an internship at an approved substance use treatment facility. This course is intended only for students in their final semester of the Alcohol and Other Drug Studies Program.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Distance Education</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2022</p>
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**Subject: Chicana And Chicano Studies (CHIC) Discipline: Chicano Studies**

<p><b>130 Mexican Literature in Translation</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Letter Grade or Pass/No Pass Option</b></p> <p>This course is a survey of Mexican literature in translation. Students are introduced to authors of the novel, short story, poem, essay, and folklore within the context of Mexican history, politics and society. This course is designed for Chicano Studies majors and anyone interested in literature.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.</p>	<p><b>Offered At:</b> City, Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City, Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Spring 2023</p>
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**Curriculum Instructional Council  
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**Subject: Chicana And Chicano Studies (CHIC) Discipline: Chicano Studies**

<p><b>150 History of Mexico</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units</b> <b>Letter Grade or Pass/No Pass Option</b></p> <p>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><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.</p>	<p><b>Offered At:</b> City, Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i> <i>Discipline Change</i> <i>Texts</i> <b>Approved</b></p> <p><b>Proposed for College(s):</b> City, Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Spring 2023</p>
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**Subject: Communication Studies (COMS) Discipline: Communication Studies**

<p><b>160 Argumentation</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units</b> <b>Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b> <i>Prerequisite:</i> 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.</p> <p>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 presentation of constructive and refutation cases. This course is designed for communications studies majors and anyone interested in argumentation and debate.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. CSU General Education. IGETC. UC Transfer Course List.</p>	<p><b>Offered At:</b> City, Mesa, Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation) <i>Six Year Review</i> <i>Texts</i> <b>Approved</b></p> <p><b>Proposed for College(s):</b> City, Mesa, Miramar</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Spring 2023</p>
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## Curriculum Instructional Council Actions Approved – April 14, 2022

**Subject: Electricity (ELCT) Discipline: Electricity**

<p><b>111 Electrical Theory I</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Corequisite:</i> Electricity 111L.  <i>Advisory:</i> English 101 and Mathematics 98, each with a grade of "C" or better, or equivalent.                      This course is a study of the fundamentals of electrical theory, including basic safety practices and a history of industrial electricity and electronics. Emphasis is placed on theory and application of fundamental units of measurement, wire splicing, permanent magnets, electromagnets, and electrical/electronic symbols. Topics include a study of the theory of electricity sources (including batteries, mechanical generators, photocells, and thermocouples), basic Ohm's Law theory, as well as calculations of Direct Current (DC), DC voltage, DC current, resistance, DC power, inductance, and capacitance in DC circuits. This course is designed as preparation for the major in electricity.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Course Description</i>  <i>Methods of Instruction</i>  <i>Reading Assignments</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Electricity (ELCT) Discipline: Electricity**

<p><b>111L Electrical Laboratory I</b></p> <p style="text-align: right;"><b>96 - 108 hours lab, 2 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Corequisite:</i> Electricity 111.  <i>Advisory:</i> English 101 and Mathematics 98, each with a grade of "C" or better, or equivalent.                      This course involves laboratory practice in basic electricity. Laboratory time includes instruction and laboratory assignments in the proper use and care of electrical tools, meters, instruments, and equipment with an emphasis on safe working habits. Laboratory assignments include the application of basic direct and alternating current (AC) circuitry and wattage of fabricated circuits. Students gain additional practice in the development of electrical diagrams using proper symbols and nomenclature. An introduction to inductance and capacitance in direct current (DC) circuits is included. This course is designed as preparation for the major in electricity.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Course Description</i>  <i>Methods of Evaluation</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Electricity (ELCT) Discipline: Electricity**

<p><b>121 Electrical Theory II</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Electricity 111 and Electricity 111L, each with a grade of "C" or better, or equivalent.  <i>Corequisite:</i> Electricity 121L.                  This course involves a detailed study of the theory of alternating current (AC) including the generation of AC; electrical degrees, effective and average values; addition and subtraction of phasors; resistance, inductance, and capacitance in AC circuits; reactance; and impedance. This course also includes an in-depth study of single-phase series and parallel circuits, three-phase power generation, current and voltage relationships in wye and delta connected power sources and loads. A study of three-phase transformers with various connections and under various load conditions is also included. This course is designed as preparation for the major in electricity.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Methods of Instruction</i>  <i>Reading Assignments</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Electricity (ELCT) Discipline: Electricity**

<p><b>121L Electrical Laboratory II</b></p> <p align="right"><b>96 - 108 hours lab, 2 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Electricity 111 and Electricity 111L, each with a grade of "C" or better, or equivalent.  <i>Corequisite:</i> Electricity 121.                  This course involves laboratory practice in direct current and alternating current circuits. Activities include practice with basic direct current (DC) or DC motor circuits, power transmission lines, and instruction in the safe use of three-phase power supplies. This course also includes practice using alternating circuits (AC) or AC voltmeters, AC ammeters, and AC wattmeters to measure phase angle, real power, apparent power, watts, vars, volt-amps, and power factor in single-phase and poly-phase circuits including three-phase circuits with wye and delta connections. This course is designed as preparation for the major in electricity.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Methods of Instruction</i>  <i>Reading Assignments</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Electricity (ELCT) Discipline: Electricity**

<p><b>131 Electrical Theory III</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Electricity 121 and Electricity 121L, each with a grade of "C" or better, or equivalent.  <i>Corequisite:</i> Electricity 131L.</p> <p>This course involves practice in planning the installation of electrical circuits on construction jobs according to the National Electrical Codes (NEC) and Blueprints. This course also includes practice in making detailed drawings of electrical wiring circuits using standard symbols and estimating the wiring material required to complete a single family dwelling. Planning the installation of communication circuits, heating systems, service entrance equipment, remote control systems, motor starting equipment, circuit protective devices, control components, and pilot devices is also included. This course is designed as preparation for the major in electricity.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Methods of Instruction</i>  <i>Reading Assignments</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Electricity (ELCT) Discipline: Electricity**

<p><b>131L Electrical Laboratory III</b></p> <p align="right"><b>96 - 108 hours lab, 2 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Electricity 121, and Electricity 121L, each with a grade of "C" or better, or equivalent.  <i>Corequisite:</i> Electricity 131.</p> <p>This course involves laboratory practice in the installation of construction wiring materials including installation and connection of lighting circuits, receptacle circuits, special purpose circuits, communication circuits, heating systems, service entrance equipment, remote control systems, electric motor circuits, and pilot devices. Safety is emphasized through practice in the installation electrical equipment according to blueprints and local and national codes. Instruction and practice in fire prevention and construction site safety habits are also included. This course is designed as preparation for the major in electricity.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Methods of Instruction</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Spring 2023</p>
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**Curriculum Instructional Council  
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**Subject: Electricity (ELCT) Discipline: Electricity**

<p><b>141 Electrical Theory IV</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Electricity 131 and Electricity 131L, each with a grade of "C" or better, or equivalent.  <i>Corequisite:</i> Electricity 141L.                  This course involves the advanced theory of the characteristics and uses of direct current generators, direct current motors, direct current motor controls, alternating current generators, and three-phase motors. This course also includes the advanced theory of the characteristics and uses of three-phase motors and three-phase controllers, single-phase motors and single-phase controllers, electronic devices, and static controls. Digital and logic controls are also investigated. This course is designed as preparation for the major in electricity.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Methods of Evaluation</i>  <i>Outside Assignments</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Electricity (ELCT) Discipline: Electricity**

<p><b>141L Electrical Laboratory IV</b></p> <p align="right"><b>96 - 108 hours lab, 2 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Electricity 131 and Electricity 131L, each with a grade of "C" or better, or equivalent.  <i>Corequisite:</i> Electricity 141.                  This course involves laboratory practice and experimentation with direct current (DC) generators, DC motors, three-phase alternators, squirrel-cage induction motors, and wound rotor induction motors. This course also includes laboratory practice and experimentation with induction motors, synchronous motors, and single-phase motors, including split phase, capacitor start, universal, and repulsion-start induction run motors. Additionally, experiments are conducted with phase sequence, frequency, selsyn systems, and silicon controlled rectifier (SCR) speed controls. This course is designed as preparation for the major in electricity.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Outside Assignments</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Electricity (ELCT) Discipline: Electricity**

<p><b>200 Electrical Control Systems</b></p> <p align="right"><b>48 - 54 hours lecture, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Electricity 121 and Electricity 121L, each with a grade of "C" or better, or equivalent.  <i>Corequisite:</i> Electricity 200L.                  This course is a study of electrical control system theory emphasizing standard motor controls, transducers, static control devices, programmed controllers, and remote electronic controls. This course is intended for students majoring in electricity as well as for working electricians who want to further their skills and/or fulfill state certification and accreditation requirements.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Methods of Evaluation</i>  <i>Student Learning Objectives</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Electricity (ELCT) Discipline: Electricity**

<p><b>200L Electrical Control Systems Laboratory</b></p> <p align="right"><b>96 - 108 hours lab, 2 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Electricity 121 and Electricity 121L, each with a grade of "C" or better, or equivalent.  <i>Corequisite:</i> Electricity 200.</p> <p>This course is a hands-on laboratory in electrical control systems. Emphasis is placed on standard motor controls, transducers, static control devices, programmed controllers, and remote electronic controls. This course is intended for students majoring in electricity as well as for working electricians who want to further their skills and/or fulfill state certification and accreditation requirements.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> City</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Methods of Evaluation</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2023</p>
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Actions Approved – April 14, 2022**

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

<p><b>126B Cardio Conditioning II</b></p> <p align="right"><b>32 - 54 hours lab, 0.5-1 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Exercise Science 126A 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 123X.                      This course provides instruction in exercise programming through moderately intense activities including cross training, basic boxing, plyometrics, speed and agility, core stability, dynamic flexibility and nutrition. This course is designed to provide students the opportunity to continue the fundamental principles of physical fitness and their impact on life-long health and wellness. This class is designed for students interested in a healthy lifestyle as well as Kinesiology majors.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. CSU General Education. UC Transfer Course List.</p>	<p><b>Offered At:</b> City, Mesa, Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Student Learning Objectives</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa, Miramar, City</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Exercise Science (EXSC) Discipline: Physical Education**

<p><b>126C Cardio Conditioning III</b></p> <p align="right"><b>32 - 54 hours lab, 0.5-1 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Exercise Science 126B 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 123Y.                      This course is designed to provide students the opportunity to develop and implement a personalized fitness plan to help them pursue their lifelong commitment to life-long health and wellness. Topics include goal setting, training zones, and body specific training principles through moderate/highly intense activities. This class is designed for students interested in a healthy lifestyle as well as Kinesiology majors.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. CSU General Education. UC Transfer Course List.</p>	<p><b>Offered At:</b> City, Mesa, Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Distance Education</i>  <i>Student Learning Objectives</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> City, Mesa, Miramar</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2023</p>
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\*Requires Board of Trustees approval prior to implementation  
 ~Course requires CCCC submission

## Curriculum Instructional Council Actions Approved – April 14, 2022

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

<p><b>126D Cardio Conditioning IV</b></p> <p style="text-align: right;"><b>32 - 54 hours lab, 0.5-1 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Exercise Science 126C 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 123Z.                      This course is the fourth in a series of Cardio Conditioning courses. Students develop, analyze and implement advanced group fitness plans. Topics include agility and jump training, running, sports cross training, advanced core training, stress management and nutrition. Data gathering and assessment methods are also covered. This class is designed for students interested in a healthy lifestyle as well as Kinesiology majors.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. UC Transfer Course List. CSU General Education.</p>	<p><b>Offered At:</b> City, Mesa, Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Course Description</i>  <i>Distance Education</i>  <i>Student Learning Objectives</i>  <i>Texts</i></p> <p style="text-align: center;"><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa, Miramar, City</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Geology (GEOL) Discipline: Earth Science**

<p><b>290 Independent Study</b></p> <p style="text-align: right;"><b>48 - 162 hours other, 1-3 units Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Geology 100 and Geology 101, each with a grade of "C" or better, or equivalent.  <i>Limitation on Enrollment:</i> Obtain Permission Number from Instructor.                      This course is for students who wish to conduct additional research, a special project, or learning activities in the field of geology. It is not intended to replace an existing course in the discipline. In this course students will have a written contract with their instructor for activities such as preparing problem analysis, engaging in primary research, preparing reports, and meeting with the instructor at specific intervals.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar, City, Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i></p> <p style="text-align: center;"><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa, City, Miramar</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Spring 2023</p>
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\*Requires Board of Trustees approval prior to implementation

~Course requires CCCC submission

**Curriculum Instructional Council  
Actions Approved – April 14, 2022**

**Subject: Mathematics (MATH) Discipline: Mathematics**

<p><b>~ 150L Calculus I Laboratory</b> <b>48 - 54 hours lab, 1 units</b> <b>Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b> <i>Prerequisite:</i> Mathematics 141 with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Mathematics 150.</p> <p>This course is a workshop, project-oriented course dealing with exploration and development of the calculus topics introduced in Calculus and Analytic Geometry I. This course directly supports the calculus lectures by having hands-on, collaborative assignments where technology is strongly incorporated throughout all the in-class assignments. Students work individually and in small groups on explorations and applications thus extending the material presented in Mathematics 150. Topics including geometric, analytic and numeric applications of limits, derivatives and integrals as well as calculus applications found in the physical and life sciences. This course is intended for all students currently enrolled in Mathematics 150.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. UC Transfer Course List.</p>	<p><b>Offered At:</b> City, Mesa</p> <p><b>Action(s) Proposed:</b> Course Deactivation *(Active at another College)*</p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> City</p> <p><b>Originating Campus:</b> CITY</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Multimedia (MULT) Discipline: Multimedia**

<p><b>*~ 139 3D Animation II: Character Design &amp; Development</b> <b>48 - 54 hours lecture, 3 units</b> <b>Grade Only</b></p> <p><b>REQUISITES:</b> <i>Advisory:</i> Multimedia 137 with a grade of "C" or better, or equivalent; English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone R50 and W50.</p> <p>This course is a guided digital studio approach to 3D character animation and production. This course combines exercises and individual and group projects to develop necessary skills and techniques in digital studio production. The course is intended for students who are preparing for more advanced study in 3D modeling, animation, and game design.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Deactivation (Not at any College)</p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2023</p>
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\*Requires Board of Trustees approval prior to implementation  
~Course requires CCCC submission

### Curriculum Instructional Council Actions Approved – April 14, 2022

**Subject: Multimedia (MULT) Discipline: Multimedia**

<p><b>150 Beginning Unity Game Development</b>  <b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units</b>  <b>Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Multimedia 100 and Multimedia 211, 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 Multimedia 112.  This is a project-based course designed to develop skills in 2D and 3D game development and introductory gameplay programming. Emphasis is placed on developing interactive environments and games. This course is intended for students interested in the conceptualization, design, and development of 2D &amp; 3D games and applications.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Multimedia (MULT) Discipline: Multimedia**

<p><b>152 Intermediate Unity Game Development</b>  <b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units</b>  <b>Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Multimedia 150 and Multimedia 213, 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 Multimedia 114.  This is a project-based intermediate Unity course designed to develop skills in game design and gameplay programming. Emphasis is placed on developing interactive games incorporating C#, sound, video and digital assets at the intermediate level. This course is intended for students interested in creating interactive 2D &amp; 3D games.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2023</p>
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**Curriculum Instructional Council  
Actions Approved – April 14, 2022**

**Subject: Multimedia (MULT) Discipline: Multimedia**

<p><b>154 Advanced Unity Game Development</b>  <b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Multimedia 152 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 Multimedia 116.                  This is a project-based course using Unity for creating online and stand-alone games. Emphasis is placed on the game development processes, including design, story and character development, physics audio, optimization, and deployment. This course is designed for students interested in advanced game development.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Spring 2023</p>
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**Subject: Multimedia (MULT) Discipline: Multimedia**

<p><b>160 Beginning Unreal Engine</b>  <b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Multimedia 121 and Multimedia 211, 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 Multimedia 130.                  This course is a guided digital studio approach to developing skills in the use of industry standard game engine software for use in digital interactive game environments. Emphasis is placed on game design and development, optimized 3D design and visualization, interactive 3D scenes and levels, and general multimedia. This course is intended for multimedia majors and anyone pursuing a career in video game development or general multimedia.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Texts</i></p> <p><b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2023</p>
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**Curriculum Instructional Council  
Actions Approved – April 14, 2022**

**Subject: Multimedia (MULT) Discipline: Multimedia**

<p><b>162 Intermediate Unreal Engine</b>  <b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Multimedia 160 and Multimedia 213, 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 Multimedia 131.                  This course is a guided digital studio approach to 3D character &amp; game level design and production. This course combines exercises and individual and group projects to develop necessary skills and techniques in video game production. The course is intended for students who are preparing for more advanced study in 3D modeling, animation, and game design.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2023</p>
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**Subject: Multimedia (MULT) Discipline: Multimedia**

<p><b>164 Advanced Unreal Engine</b>  <b>32 - 36 hours lecture, 48 - 54 hours lab, 3 units</b>  <b>Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> Multimedia 162 and Multimedia 213, 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 Multimedia 132.                  This class engages the student of Video Game Development in an exploration of interactive environments using methodologies and concepts drawn from both inside and outside the traditional realms of interactive game design. It provides an opportunity for students to engage an audience by channeling their conceptual ideas into interactive digital environments via technologies incorporating programming, sound, compositing, virtual reality, interactivity, and three-dimensional modeling &amp; animation. Emphases include an in-depth examination of contemporary examples of interactive gaming and a cross-sectioned exposure to the art, design, and programming involved in the creation of interactive games. This course serves as a preparatory environment for students to design and create a fully functional interactive game.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> Required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2023</p>
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*Approved*

**Curriculum Instructional Council  
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***PROGRAM CHANGES***

(Note: To view from *Proposals* screen, click *Program Search* button, scroll down to program name, then option title, if appropriate, and click *PR* icon.)

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