

**Curriculum Instructional Council
Actions Approved – April 25, 2019**

Subject: American Sign Language/Interpreting (AMSL) Discipline: Sign Language, American

<p>240 Interpretation II</p> <p align="right">48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> American Sign Language/Interpreting 214, American Sign Language/Interpreting 230, and American Sign Language/Interpreting 235, each with a grade of "C" or better, or equivalent. <i>Corequisite:</i> Completion of or concurrent enrollment in American Sign Language/Interpreting 155 and American Sign Language/Interpreting 225, 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 American Sign Language/Interpreting 207. This course is designed to provide development of skills in receiving signed messages and presenting an equivalent message using spoken English. Emphasis is placed on Sign Language receptivity, appropriate English word choices, vocal inflection, and English structure at the beginner voice interpreter level. Instructor may use ASL to English and/or English to ASL techniques when teaching this course. This course is designed for Interpreting majors and accommodates those seeking the Certified Deaf Interpreter (CDI) certificate.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Corequisite (Change)</i> <i>Prerequisite (New)</i> <i>Supplies</i> <i>Texts</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2020</p>
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Subject: Computer And Information Sciences (CISC) Discipline: Computer Information Systems

<p>~ 150 Introduction to Computer and Information Sciences</p> <p align="right">48 - 54 hours lecture, 3 units Grade Only</p> <p>This course is a survey of computers, computer systems and information sciences. Emphasis is placed on the use of computers in business and technical fields. Topics include computer equipment and programming systems, systems study, design, development, and implementation. The course also explores careers in the computer science field. This course is intended for all students interested in computers and how to use them.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Funding Agency</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): City, Mesa</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2020</p>
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**Curriculum Instructional Council
Actions Approved – April 25, 2019**

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

<p>187 Data Structures in C++</p> <p align="right">48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Computer and Information Sciences 192 with a grade of "C" or better, or equivalent. This course introduces students to data structures and object-oriented software engineering. Emphasis is placed on basic data structures, including collections and linked structures (stacks, queues, lists, arrays, trees, and hashes) from the perspective of object-oriented implementation. Topics also include object-oriented analysis, design, and implementation in popular programming languages, such as C++, C#, and Java. This course is designed for students majoring in computer information systems and professionals in the field who want to update their skills.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Methods of Evaluation</i> <i>Supplies</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: CITY</p> <p>Effective: Fall 2020</p>
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Subject: Computer And Information Sciences (CISC) Discipline: Computer Information Systems

<p>201 Advanced C++ Programming</p> <p align="right">48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Computer and Information Sciences 192, and Computer and Information Sciences 205, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Computer And Information Sciences 196. This course is an advanced hands-on study of the C++ language programming best practices currently used in the industry. Emphasis is placed on generic programming through the use of templates and object-oriented programming. Robust and reliable coding practices are promoted through the disciplined use of exception handling and unit testing. This course is designed for computer science students and anyone interested in advancing their C++ programming skills.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU. UC Transfer Course List.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City, Mesa</p> <p>Originating Campus: CITY</p> <p>Effective: Spring 2020</p>
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Curriculum Instructional Council Actions Approved – April 25, 2019

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

<p>*~ 78 Solar Electric Systems</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>This course is designed for students interested in examining the theories and design practices of solar electric systems in the context of utility and commercial-scale applications. Emphasis is placed on solar photovoltaic (PV) electric systems feasibility, design, and commissioning. Topics include conceptual design of solar electric systems, solar electric technologies, inverter and power management technologies, design theory and economic analysis tools, system design processes for grid-tied and off-grid systems, integration of energy storage and demand response systems, construction project management, permitting, safety and commissioning, system monitoring, and maintenance. This course is designed for students interested in Green Building Energy Professional certification and Energy and Geo-Environmental Engineering (EGEE).</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Dist. Ed Proposed For College(s): City</p> <p>Effective: Fall 2020</p>
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Subject: Energy And Geo-Environmental Engineering (EGEE) Discipline: Engineering Technology or Environmental Technologies

<p>*~ 80 Energy Storage</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>This course provides a broad overview of electric energy storage technologies, benefits, economics, California Policies, and a discussion of energy storage in microgrid systems. Emphasis is placed on electric energy storage versus other types of energy storage. Topics include energy storage technology, performance, benefits, and cost. This course is designed for students interested in Green Building Energy Professional certification, Environmental Resource Management, Energy and Power Technology, and Energy and Geo-Environmental Engineering (EGEE).</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: CITY</p> <p>Dist. Ed Proposed For College(s): City</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 101 Basic Electroencephalography</p> <p style="text-align: right;">48 - 54 hours lecture, 96 - 108 hours lab, 5 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course covers the fundamentals of electroencephalography (EEG). The application of electrodes, basic waveforms, artifacts and introduction to the EEG machine are covered. The course is designed for students enrolled in the Neurodiagnostic Technology Program.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2020</p>
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Curriculum Instructional Council Actions Approved – April 25, 2019

Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 121 Neurodiagnostic Lab Practice 24 - 27 hours lab, 0.5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Neurodiagnostic Technology 101 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is an application of basic technical skills to successfully record routine electroencephalographic (EEG) and Evoked Potential (EP) procedures according to published American Clinical Neurophysiology Society's (ACNS) guidelines. This course is designed for students enrolled in the Neurodiagnostic Technology Program.</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 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 131 Advanced Electroencephalography 48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Neurodiagnostic Technology 101 and Health Information Technology 130, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course builds upon knowledge and skill acquired in basic electroencephalography (EEG) and is an introduction to the abnormal EEG, maturational changes, and the basic electronic principles upon which successful electroencephalographic techniques are based. The course is designed for students enrolled in the Neurodiagnostic Technology program.</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>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 133 Introduction to Neuroanatomy and Neurophysiology 48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Medical Assisting 55, Biology 160 or Biology 230, and Biology 235, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is an introduction to the anatomy and physiology of the central and peripheral nervous systems. Related symptoms and pathologies are presented. This course is designed for students enrolled in the Neurodiagnostic Technology program.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 135 EEG Record Review 40 - 45 hours lecture, 2.5 units Grade Only</p> <p>REQUISITES: <i>Corequisite:</i> Completion of or concurrent enrollment in Neurodiagnostic Technology 131 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is a practice in electroencephalograph (EEG) record review of normal adult and pediatric patients, and progresses to EEG record review of neurological patients. Technical description of normal EEG patterns lays the foundation for the remainder of the course. Emphasis is placed on abnormal EEG patterns, their classification and their correlation to clinical disorders. This course is designed for students enrolled in the Neurodiagnostic Technology Program.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 140 Directed Clinical Practice I</p> <p style="text-align: right;">240 - hours other, 5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Neurodiagnostic Technology 101 and Medical Assisting 78, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is the beginning clinical experience of electroencephalographic (EEG) testing on patients at an affiliated neurodiagnostic laboratory. The clinical experience provides students a supervised application of previously-learned techniques and skills. These include application of electrodes, performance of EEG testing on clinical patients, medical recordkeeping and clinical history reporting in a timely manner. The focus is on safe, legal and professional behavior. This course also fosters the development of communication skills and interpersonal relationships required for the healthcare field. Supervision of the students is provided by a neurodiagnostic technologist and/or physician of the affiliating institution and is coordinated by the college faculty. This course is designed for students enrolled in the Neurodiagnostic Technology Program.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 150 Directed Clinical Practice II</p> <p style="text-align: right;">240 – 270 hours other, 5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Neurodiagnostic Technology 131 and Neurodiagnostic Technology 140, each with a grade of "C" or better, or equivalent <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is the second clinical experience in electroencephalographic (EEG) testing at an affiliated healthcare facility. The clinical experience provides students a supervised application of previously learned techniques and skills. The course builds on skills attained in the first clinical experience course including performance of EEG testing on clinical patients, medical record keeping and clinical history taking in a timely manner. The focus is on safe, legal and professional behavior. This course also fosters the development of communication skills and interpersonal relationships required for the healthcare field. Supervision of the students is provided by a neurodiagnostic technologist and/or physician of the affiliating institution and is coordinated by the college faculty. This course is designed for students enrolled in the Neurodiagnostic Technology Program.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 201 Evoked Potentials</p> <p style="text-align: right;">48 - 54 hours lecture, 48 - 54 hours lab, 4 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Neurodiagnostic Technology 101 and Neurodiagnostic Technology 133, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course includes terminology, concepts and techniques of evoked potential (EP) recording with testing modalities of visual, auditory and somatosensory systems are presented. An overview of EP instrumentation and technical concepts is included. Analysis of the clinical correlations of evoked potential testing and waveform analysis correlating to common neurological diseases is emphasized. This course is designed for students enrolled in the Neurodiagnostic Technology Program.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 203 Neurologic Disorders</p> <p style="text-align: right;">48 - 54 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Neurodiagnostic Technology 131 and Neurodiagnostic Technology 133, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. Clinical and electroneurodiagnostic correlations to various physical conditions and disease states which are commonly dealt with in neurodiagnostic technology are covered in this course. The relationship of technologists to various medical specialties (including neurology, neurosurgery, pathology, radiology, internal medicine, and psychiatry) is emphasized. This course is designed for students enrolled in the Neurodiagnostic Technology Program.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 206 Introduction to Transcranial Doppler</p> <p style="text-align: right;">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Neurodiagnostic Technology 133 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is an introduction to transcranial Doppler (TCD) procedures and recording techniques. The basic set-up for TCD as well as changes that may be seen and heard during TCD are covered. The course is designed for students enrolled in the Neurodiagnostic Technology Program.</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>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 209 Introduction to Nerve Conduction Velocity</p> <p style="text-align: right;">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is an introduction to nerve conduction velocity (NCV) testing procedures and recording techniques. The basic set-up for NCV and the most common changes seen during NCV are covered. The course is designed for students enrolled in the Neurodiagnostic Technology Program.</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>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 220 Polysomnography Basics</p> <p style="text-align: right;">16 - 18 hours lecture, 1 units Grade Only</p> <p>REQUISITES: <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is an introduction to the pathology of a variety of sleep-related disorders. The basic set-up for a polysomnogram and treatment modalities is covered. The course is designed for students enrolled in the Neurodiagnostic Technology Program.</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>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 223 Introduction to Intraoperative Monitoring 28 - 31.5 hours lecture, 12 - 13.5 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Neurodiagnostic Technology 201 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is an introduction to intraoperative neurophysiologic monitoring (IONM) recording strategies. Analysis of signal changes during an operation are correlated with anesthetic agents, metabolic effects, and/or the effects of surgical trauma. IONM scenarios are demonstrated and practiced in the classroom laboratory. This course is designed for students enrolled in the Neurodiagnostic Technology Program.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 226 Microcomputer Applications in Neurodiagnostics 28 - 31.5 hours lecture, 12 - 13.5 hours lab, 2 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Neurodiagnostic Technology 131 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course covers specialized computer applications in neurodiagnostic technology. Testing modalities of electroencephalography (EEG), evoked potentials (EP), epilepsy monitoring and automated diagnostic techniques are presented. Opportunities for hands-on use of digital equipment are integrated into the classroom and during field trips. This course is designed for students enrolled in the Neurodiagnostic Technology Program.</p> <p>FIELD TRIP REQUIREMENTS: Required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: MESA</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p>Effective: Fall 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 250 Directed Clinical Practice III</p> <p style="text-align: right;">240 – 270 hours other, 5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Neurodiagnostic Technology 150 with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is the third clinical experience in electroencephalographic (EEG) testing at an affiliated healthcare facility. The clinical experience provides students a supervised application of previously learned techniques and skills at an intermediate level. The course builds on skills attained in the second clinical experience course including performance of EEG testing on clinical patients, medical record keeping and clinical history taking in a timely manner. The focus is on safe, legal and professional behavior. This course also fosters the development of communication skills and interpersonal relationships required for the healthcare field. Supervision of the students is provided by a neurodiagnostic technologist and/or physician staff of the affiliating institution and is coordinated by the college faculty. This course is designed for students enrolled in the Neurodiagnostic Technology Program.</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 2020</p>
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Subject: Neurodiagnostic Technology (NDTE) Discipline: Diagnostic Medical Technology

<p>*~ 260 Directed Clinical Practice IV</p> <p style="text-align: right;">240 – 270 hours other, 5 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Neurodiagnostic Technology 201 and Neurodiagnostic Technology 250, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Special Admission - must be admitted to program. This course is the fourth clinical experience in the Neurodiagnostic Technology Program and takes place at an affiliated healthcare facility. The emphasis for this course is on evoked potential (EP), advanced skills in electroencephalographic (EEG) recording and analysis, and more specialized diagnostic testing procedures (as available). The specialized areas may include intraoperative neurophysiologic monitoring (IONM), neonatal testing, long-term epilepsy monitoring, pediatric tests, transcranial doppler (TCD) studies, nerve conduction (NCV) studies and others. The clinical experience provides students a supervised application of previously learned techniques and skills at an advanced level and progressing toward entry level. The focus is on safe, legal and professional behavior. This course also fosters the development of communication skills and interpersonal relationships required for the healthcare field. Supervision of the students is provided by a neurodiagnostic technologist and/or physician of the affiliating institution and is coordinated by the college faculty. This course is designed for students enrolled in the Neurodiagnostic Technology Program.</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 2020</p>
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PROGRAM CHANGES

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

*Neurodiagnostic Technology

New Program- *Approved*

Neurodiagnostic Technology- Mesa, PID 3793: Effective Fall 2020

Neurodiagnostic Technology Associate of Science

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