**Sustainability-Focused Courses**

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| **Title** | **School** | **Level** | | **Description** |
| [**AUTC 2250 - Transportation Alternative Fuels**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27523) | AT | UG | Presents the history, present practices, political issues, and future of alternative fuels for the transportation industry. Includes discussions and hands-on demonstrations of hybrid, CNG/propane, electric, hydrogen (fuel cell), and biodiesel technologies. May include guest speakers from local industries. | |
| [**BA 2284 - Strategic Management**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BA&filter%5B29%5D=2284&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | BIT | UG | Explores strategic management activities undertaken by the leadership of a business organization and focuses on the integration of ethics, sustainability, globalization and technology in planning, implementing and evaluating different strategies. Examining the external and internal environments, students will analyze and apply problem- solving skills to situations that affect business operations. | |
| [**BIO 1110 - Environmental Science**](http://catalog.cnm.edu/portfolio_nopop.php?ireg=1&edit_profile=1&email=camartinez@cnm.edu&catoid=13) | MSE | UG | Presents an academic study of the environment, including basic ecology, a comparison of scientific approaches and world views with respect to ecology and the environment, relationship of humans to the environment and solutions to local, regional and global environmental problems. | |
| [**BIO 1192 - Environmental Science Laboratory**](http://catalog.cnm.edu/portfolio_nopop.php?ireg=1&edit_profile=1&email=camartinez@cnm.edu&catoid=13) | MSE | UG | Investigates in optional laboratory setting the principles discussed in [**BIO 1110**](http://catalog.cnm.edu/portfolio_nopop.php?ireg=1&edit_profile=1&email=camartinez@cnm.edu&catoid=13#tt9146); emphasizes analysis of water, soil and air pollutants. Moderately strenuous field trips to special interest sites may be scheduled outside regular laboratory hours. | |
| [**BIO 2410/2492 - Ecology & Evolution w/Laboratory**](http://catalog.cnm.edu/portfolio_nopop.php?ireg=1&edit_profile=1&email=camartinez@cnm.edu&catoid=13) | MSE | UG | Presents various topics associated with the principles of ecology and evolutionary biology. Darwinian principles, origin theory, the fossil record and patterns of diversification of ancient life, evolution of populations, speciation, phylogenetics, basics of ecology and study of the biosphere, behavioral ecology, population ecology, community ecology, ecosystem ecology and conservation biology. | |
| **CHEM1010/1092**  Chemistry and Our Community | MSE | UG | New for Fall 2014.  The study of chemistry through the lenses of society and the environment. | |
| [**CST 1150 - Introduction to Cultural Studies**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27910) | CHSS | UG | Explores cultural constructions of differences, including but not limited to gender, race, ethnicity, social class and sexual orientation in contemporary U.S. society. | |
| [**ECON 2201 - Microeconomics**](http://catalog.cnm.edu/portfolio_nopop.php) | CHSS | UG | Emphasizes laws of demand and supply and the workings of price systems in a free market. Applies basic economic theories to problems of production, monopoly, taxation, consumer welfare and the environment.[**CloseClose**](javascript:void(0)) | |
| [**ECON 2203 - Society and the Environment**](http://catalog.cnm.edu/content.php?filter%5B27%5D=ECON&filter%5B29%5D=2203&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | CHSS | UG | Introduces students to environmental and natural resource issues of both global and local scale. No prior economics coursework is required; basic economic tools will be introduced and then applied to a variety of environmental problems. This course will cover a variety of topics, including water & energy conservation, pollution taxes, tradable pollution permits and global warming. | |
| [**ELTR 1210 - Electrical Theory II**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28084) | AT | UG | Covers the application of the National Electrical Code, local codes and regulations for installation of branch circuits, services, feeders, temporary services and associated materials and equipment for residential and light commercial applications | |
| [**ELTR 1215 - Blueprint Reading I**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28083) | AT | UG | Provides instruction in reading and interpreting blueprints and specifications. Emphasizes terminology, symbols, notations, scaling, dimensioning and basic blueprint drawing techniques. | |
| [**ELTR 1220 - Residential Wiring Lab**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28085) | AT | UG | Covers safety, tools, materials, single pole switches, receptacles, overcurrent protection, three- and four-way switches, pilot switches, door chimes, dryer and range receptacles and swamp coolers. NEC requirements for light commercial applications. | |
| [**ELTR 1230 - Residential Electrical Services**](http://catalog.cnm.edu/content.php?filter%5B27%5D=ELTR&filter%5B29%5D=1230&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | AT | UG | Presents the study and building of residential services, installation of circuit panels, hand bending and installation of EMT conduit in adherence to the National Electrical Code. | |
| [**ELTR 2620 - Photovoltaic Theory/Design and Installation**](http://catalog.cnm.edu/portfolio_nopop.php) | AT | UG | Photovoltaic installation topics and aspects of PV overview, electrical principles, solar resource, electrical load analysis, PV site analysis, PV design, PV components, PV system wiring, grid tie vs. stand alone systems, battery backup systems, installation considerations. | |
| [**ELTR 2630 - Advanced PV Theory /Design/ Installation/ Maintenance and Commissioning**](http://catalog.cnm.edu/portfolio_nopop.php) | AT | UG | Photovoltaic installation topics and aspects of: Safety, electrical lock out tag out, maximum system voltage, disconnects, series fusing, service panel connections, inverters, layout and mounting, grounding and ground fault/surge protection, system sizing, NEC considerations, commissioning and production analysis, maintenance and troubleshooting are covered in this course. | |
| [**ELTR 2692 - PV Installation Lab**](http://catalog.cnm.edu/portfolio_nopop.php) | AT | UG | Photovoltaic installation practices and safety are emphasized covering lockout tag out, testing high voltage, hazards, safety equipment, site safety, first aid, PV panel layout, pitch roof mounting systems, flat roof mounting systems, pole mount systems, disconnect installation, wiring sizing and installation, inverter installation, commissioning checklist. | |
| [**CST 1150 - Introduction to Cultural Studies**](http://catalog.cnm.edu/content.php?filter%5B27%5D=CST&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | CHSS | UG | Explores cultural constructions of differences, including but not limited to gender, race, ethnicity, social class and sexual orientation in contemporary U.S. society. | |
| **ENG 2096 Special Topics** | CHSS | UG | Literature and the Environment | |
| [**FS 2103 - Hazardous Materials II**](http://catalog.cnm.edu/portfolio_nopop.php) | HWPS | UG | Covers recognition and identification of hazardous materials and defensive actions to prevent additional injuries and property and/or environmental damage. This course meets selected NFPA and OSHA requirements at the Hazardous Materials Operations level. Students will receive a national IFSAC certification. | |
| [**GEOG 1101 - Physical Geography**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28364) | MSE | UG | Introduces the physical elements of world geography through study of climate and weather, vegetation, soils, plate tectonics and the various landforms as well as the environmental cycles and distributions of these components with emphasis on their significance to humans. | |
| [**GEOG 1102 - Human Geography**](http://catalog.cnm.edu/content.php?filter%5B27%5D=GEOG&filter%5B29%5D=1102&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Introduces the human elements of world geography, providing a systematic analysis of world population, religion, language, ethnicity, economic development, political units and resource issues. | |
| [**GEOG 1192 - Physical Geography Lab**](http://catalog.cnm.edu/content.php?filter%5B27%5D=GEOG&filter%5B29%5D=1192&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | This laboratory course introduces the physical elements of world geography and the study of climate and weather, vegetation, soils, plate tectonics, various landforms, the environmental cycles and spatial distributions of these components through the use of maps, aerial photographs, and laboratory specimens. | |
| [**GNHN 2211 - Utopian and Dystopian Thought**](http://catalog.cnm.edu/portfolio_nopop.php) | CHSS | UG | Examines utopian and dystopian texts from a social, political, economic, and environmental perspective. | |
| [**HT 1101 - Introduction to Tourism**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28429) | HWPS | UG | Provides a broad overview of travel and tourism development, operations, and career opportunities. | |
| [**HVAC 1420 - Energy Efficiency & Green Building Standards I**](http://catalog.cnm.edu/portfolio_nopop.php) | AT | UG | This section covers the training needed for a standardize set of building performance procedures. During the course, students will apply theory, knowledge, and techniques to actual projects using duct blaster testing warm air equipment. | |
| [**HVAC 1425 - Energy Efficiency & Green Building Standards II**](http://catalog.cnm.edu/portfolio_nopop.php) | AT | UG | Weatherization Training with Concentration on Building Performance. This section covers the Training needed for a standardize set of Building Performance Procedures. During the course, students will apply theory, knowledge, and techniques to actual projects using Blower Door testing equipment. | |
| [**NS 2010 - Environmental Science for Teachers**](http://catalog.cnm.edu/content.php?filter%5B27%5D=NS&filter%5B29%5D=2010&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Introduces major issues in environmental science with emphasis on science process, scientific investigations and field-based activities and the integration of technology. Course topics include current issues on population, healthy ecosystems and natural resources. Various teaching methods are modeled and practiced by students. | |
| [**PHIL 2246 - Environmental Ethics**](http://catalog.cnm.edu/content.php?filter%5B27%5D=PHIL&filter%5B29%5D=2246&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | CHSS | UG | Provides a forum for discussion of the ethical and social problems concerning the relationship between human activity (farming, industry, etc.) and the Earth’s environment.**Close** | |
| [**PLMB 1320 - Solar Thermal Systems**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28770) | AT | UG | Introduces Solar Thermal Systems including accessing, installing and evaluating fully operational solar water heating systems. | |
| [**PLMB 1330 - Energy and Water Conservation Systems**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28771) | AT | UG | Introduces the newest energy-saving techniques for homes and commercial applications as they relate to the plumbing field. Including gray water, geo- thermal, energy design and application (LEED). Emphasis on energy-saving appliances and low water consumption fixtures. | |
| **SUST1134-Intro. To Sustainability** | CHSS/SUST | UG | **New for Fall 2014** | |

**Sustainability –Related Courses**

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| [**ANTH 1101 - Intro Anthropology**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27445) | CHSS | UG | Surveys the breadth of anthropology, including archaeology, biological anthropology, cultural anthropology and linguistic anthropology.  [**Close**](javascript:void(0)) |
| [**ANTH 1120 - Archaeology: Discovering Our Past**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27447) | CHSS | UG | Surveys archaeological theory and methods including data from selected archaeological sites in various geographical areas and from different time periods. |
| [**ANTH 1121/1192 - Archaeological Field Methods with Laboratory**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=29518) | CHSS | UG | Archaeological Field Methods with Laboratory surveys the scientific techniques and methods used by archaeologists to make inferences about the human past. Students will learn how and why archaeologists design research projects, and receive hands-on training in field techniques, artifact identification, and archaeological analysis. In addition, the course will cover ethical issues in archaeology as well as explain federal and state preservation laws and describe their impact on archaeological sites. |
| [**ANTH 2096-2996 - Special Topics**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27450) | CHSS | UG | Presents various topics.\*\*\* |
| [**BA 2284 - Strategic Management**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27627) | BIT | UG | Explores strategic management activities undertaken by the leadership of a business organization and focuses on the integration of ethics, sustainability, globalization and technology in planning, implementing and evaluating different strategies. Examining the external and internal environments, students will analyze and apply problem- solving skills to situations that affect business operations. |
| [**AUTC 2111 - Air Conditioning and Heating**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27518) | AT | UG | Covers testing, evacuating and charging air conditioning systems while maintaining an awareness of potential environmental concerns caused by automotive refrigerants. Addresses cooling and heating diagnosis, climate control trouble-shooting and component repair. |
| [**BIO 1010 - Biology for Non-Majors**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27639) | MSE | UG | Emphasizes biological principles and current topics for non- biologists or liberal arts students: cellular and molecular biology, microbiology, human genetics, ecology, complexity theory and animal behavior.**Close** |
| [**BIO 1092 - Biology for Non-Majors Lab**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27640) | MSE | UG | Provides in optional laboratory setting lab the use of microscopes, culturing bacteria, chemical analysis of biomolecules, plant and animal behavior. |
| [**BIO 1310 - Human Anatomy and Physiology for Non-Majors**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=1310&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Examines the structure (anatomy) and function (physiology) of the human body. Investigates molecular, cellular, tissue and organ levels and study of organ systems. Course available online. |
| [**BIO 1392 - Human Anatomy and Physiology for Non-Majors Laboratory**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=1392&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Introduces lab exercises, which complement concepts presented in [**BIO 1310**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=1392&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt5869) , including histological study, biochemical processes, mammal organ dissections and use of models to illustrate anatomical arrangement. Course available online. |
| [**BIO 1410 - Biology for Health Sciences**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27645) | MSE | UG | Presents principles of cell biology, cell chemistry, genetics and organismic biology with an emphasis on human systems. |
| [**BIO 1492 - Biology for Health Sciences Laboratory**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27646) | MSE | UG | Introduces exercises and demonstrations related to cell biology, biochemical processes and genetics. |
| [**BIO 1510/1592 - Molecular and Cell Biology w/Laboratory**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=1510&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Introduces a number of related cell biology topics. The scientific method, the role of water in cell biology, diversity of organic molecules and macromolecules, introduction to metabolism, cellular respiration and photosynthesis, cell structure and functions, cell communication and the cell cycle. |
| [**BIO 1610/1692 - Genetics w/Laboratory**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27648) | MSE | UG | Builds upon concepts presented in [**BIO 1510/1592**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=1610&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt4986) to explore a wide range of materials related to genetics. Mitosis, meiosis, Mendelian genetics, chromosomal inheritance, molecular inheritance, replication, transcription and translation, genetics of viruses, bacteria and eukaryotes, genomics, developmental genetics and human genetics. |
| [**BIO 2110 - Microbiology**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=2110&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Introduces concepts of microbiology, host-parasite relationships, infection and immunity. |
| [**BIO 2192 - Microbiology Laboratory**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=2192&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Investigates a variety of techniques designed to facilitate the growth, identification and control of microorganisms. |
| [**BIO 2210 - Anatomy and Physiology I**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=2210&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Anatomy and Physiology I is an integrated study of human structure and function that covers the integumentary, skeletal, muscular, and nervous systems. |
| [**BIO 2292 - Anatomy and Physiology I Laboratory**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=2292&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Introduces lab exercises in anatomy and physiology, which complement topics covered in [**BIO 2210 - Anatomy and Physiology I**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=2292&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt5114), including specimen dissection and cadaver study. |
| [**BIO 2310 - Human Anatomy and Physiology II**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=2310&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Continues course of study begun in [**BIO 2210**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=2310&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt5843), covering structure and function of the cardiovascular, respiratory, digestive, urinary, reproductive and endocrine systems. |
| [**BIO 2392 - Human Anatomy and Physiology II Laboratory**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27655) | MSE | UG | Provides lab exercises in anatomy and physiology, which complement [**BIO 2310**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=2392&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt5268), including specimen dissection and cadaver study. |
| [**BIO 2510/2592 - Plant & Animal Form and Function w/Laboratory**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27657) | MSE | UG | Focuses on comparative botany and zoology. Topics covered are plant structure and growth, transport, nutrition, reproduction and development in plants. Introduction to animal form and function, animal nutrition, circulation and gas exchange, immune system function and evolution, control of the internal environment, chemical signaling, reproduction and development, nervous systems, sensory and motor mechanisms. |
| [**BIO 2710 - Pathophysiology I**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=2710&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Focuses on building a basic understanding of pathophysiology for health science students. Presents diseases of the circulatory, nervous, musculoskeletal and dermal systems. |
| [**BIO 2711 - Pathophysiology II**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27659) | MSE | UG | Continues course of study begun in [**BIO 2710**](http://catalog.cnm.edu/content.php?filter%5B27%5D=BIO&filter%5B29%5D=2711&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt9530), covering pathology of cardiovascular, pulmonary, gastrointestinal, urinary and endocrine systems. |
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| [**CARP 1005 - Carpentry Blueprint Reading I**](http://catalog.cnm.edu/content.php?filter%5B27%5D=CARP&filter%5B29%5D=1005&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | AT | UG | Includes lumber sizing, scaling, centering and triangle theory, interpretation of elevations drawings, floor plans, symbols, notations, dimensions and structural information. |
| [**CHEM 1410 - Introduction to Chemistry**](http://catalog.cnm.edu/content.php?filter%5B27%5D=CHEM&filter%5B29%5D=1410&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Introduces qualitative and quantitative aspects of general chemistry: atomic and molecular structure, periodic table, acids and bases, mass relationships, solutions and brief introduction to organic chemistry. |
| [**CHEM 1492 - Introduction to Chemistry Laboratory**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27720) | MSE | UG | Introduces experiments complementing [**CHEM 1410**](http://catalog.cnm.edu/content.php?filter%5B27%5D=CHEM&filter%5B29%5D=1492&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt1648). |
| [**CHEM 1710 - General Chemistry I**](http://catalog.cnm.edu/content.php?filter%5B27%5D=CHEM&filter%5B29%5D=1710&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | First term of a two-term sequence for students in sciences, engineering and many health occupations. Introduces atomic and molecular structure, chemical periodicity, mass and energy relationships and chemical reactions. |
| [**CHEM 1792 - General Chemistry I Lab**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27722) | MSE | UG | A three-hour per week laboratory class containing experiments complementing the [**CHEM 1710**](http://catalog.cnm.edu/content.php?filter%5B27%5D=CHEM&filter%5B29%5D=1792&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt4126)lecture class. |
| [**CHEM 2210 - Organic Chemistry and Biochemistry**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27726) | MSE | UG | Introduces organic and biochemistry for students in health or environmental occupations: survey of organic functional groups including chemistry of living organisms. Emphasis on medical aspects. |
| [**CULN 1100 - Introduction to Culinary Skills**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27920) | BIT | UG | Provides theoretical foundation for executing basic kitchen operations, including cooking methods, proper use of tools and equipment, knife skills, sauce, stock, and soup production, quick breads, and breakfast items in a professional environment. Introduces students to applied mathematics as it applies to recipe production, yield adjustment, food costs, and cost ratios.[**Close**](javascript:void(0))  [**Close**](javascript:void(0))  [**Close**](javascript:void(0))  [**Close**](javascript:void(0))  **Close** |
| [**CULN 1110 - Culinary Skills**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27922) | BIT | UG | Introduces students to basic culinary skills, including principles of cooking methods, knife skills, identification and proper use of tools and equipment, production of soups, stocks and sauces, quick breads, and egg cookery. Instruction focuses on applying principles of mise en place, sanitation, teamwork, and time management to all kitchen operations. |
| [**DETC 1230 - Medium/Heavy Duty Air Conditioning and Heating**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=27962) | AT | UG | Covers testing, evacuating and charging air conditioning systems while maintaining an awareness of potential environmental concerns caused by medium/heavy equipment refrigerants. Addresses cooling and heating diagnosis, climate control trouble shooting and component repair. |
| Dental Assistant Dept. | HWPS | UG | Part of a healthcare system dedicated to making the lives of their communities better and healthier through access and sustainability of care. |
| Diagnostic Medical Sonography Dept. | HWPS | UG | Part of a healthcare system dedicated to making the lives of their communities better and healthier through access and sustainability of care. |
| [**ECON 2200 - Macroeconomics**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28018) | CHSS | UG | Surveys theories and problems of economic policy, including the contrast of the Classical and Keynesian models, money and banking, inflation, unemployment and economic growth.[**Close**](javascript:void(0))**Close** |
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| [**ELEC 1022 - Soldering Standards**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28051) | HWPS | UG | Industry standard soldering techniques for high reliability connections. Soldering certification is covered. |
| [**EMS 2507 - Environmental Theory**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28126) | HWPS | UG | Provides the level of classroom instruction needed to provide advanced care for patients with experiencing environmental emergencies. Includes instruction on toxicology, hazardous materials and weapons of mass destruction. Meets or exceeds the cognitive objectives of the National EMS Education Standards. |
| Emergency Medical Tech. Department | HWPS | UG | Part of a healthcare system dedicated to making the lives of their communities better and healthier through access and sustainability of care. |
| [**ENG 0750 - Practical Writing**](http://catalog.cnm.edu/content.php?filter%5B27%5D=ENG&filter%5B29%5D=0750&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | SAGE | UG | Focuses on writing tasks related to daily life, school, and the workplace to achieve a variety of practical and academic goals. Presents English grammar, usage and punctuation in the context of the students’ own writing. |
| [**EPS 1101 - Introduction to Geology**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28175) | MSE | UG | In this physical geology course, students will learn about the materials (rocks and minerals) that make up Earth and the processes that drive and shape our planet: how mountains are formed, how volcanoes erupt, and how water, wind, and ice can shape the landscape. This course will explore the Earth’s 4.6 billion year history. EPS 1101 serves as an introduction to the geological sciences and is a prerequisite for advanced study in geology. |
| [**EPS 1192 - Introduction to Geology Laboratory**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28176) | MSE | UG | Introduction to Geology Laboratory is the lab component of [**EPS 1101 - Introduction to Geology**](http://catalog.cnm.edu/content.php?filter%5B27%5D=EPS&filter%5B29%5D=1192&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt5970). In this hands-on course, students will learn to identify samples of rocks and minerals, work with aerial photographs, topographic maps and geological maps, and participate in a field trip that ties many of the lab activities together. |
| [**ESOL 0551 - Basic Reading/Writing Skills for Speakers of Other Languages**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28217) | SAGE | UG | Provides speakers of other languages the opportunity to develop academic language skills. Students practice reading strategies, improve their sentence and paragraph skills in organized pieces of writing, use computers for word processing and research, practice oral language skills, and improve English language usage. |
| Fire Science Dept. | HWPS | UG | Uses knowledge of the management of fires to positively impact the environment around us. |
| [**FS 2003 - Hazardous Materials I**](http://catalog.cnm.edu/portfolio_nopop.php) | HWPS | UG | Covers recognition and identification of hazardous materials and defensive actions to prevent additional injuries and property and/or environmental damage. This course meets selected NFPA and OSHA requirements at the Hazardous Materials Awareness level. |
| [**HIST 1161 - History of the United States I**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28398) | CHSS | UG | Surveys economic, political, intellectual and social development of the U.S. from 1492 to 1877.  [**Close**](javascript:void(0))  [**Close**](javascript:void(0)) |
| [**HIST 1162 - History of the United States II**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28399) | CHSS | UG | Continues study begun in [**HIST 1161**](http://catalog.cnm.edu/content.php?filter%5B27%5D=HIST&filter%5B29%5D=1162&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt8332) , covering 1865 to the present. |
| [**HVAC 1115 - Refrigerant Management**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28447) | AT | UG | Stresses accepted practices and procedures of refrigerant handling, containment, safety, leak detection, evacuation, recovery and charging systems. Students must take and pass the EPA Universal CFC Certification exam. |
| [**HVAC 1130 - Code and Safety I**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28449) | AT | UG | Investigates code requirements and safety practices related to refrigeration. Code and safety searches are an integral part of the course.[**Close**](javascript:void(0)) |
| [**HVAC 1420 - Energy Efficiency & Green Building Standards I**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28466) | AT | UG | This section covers the training needed for a standardize set of building performance procedures. During the course, students will apply theory, knowledge, and techniques to actual projects using duct blaster testing warm air equipment. |
| [**HVAC 1425 - Energy Efficiency & Green Building Standards II**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28467) | AT | UG | Weatherization Training with Concentration on Building Performance. This section covers the Training needed for a standardize set of Building Performance Procedures. During the course, students will apply theory, knowledge, and techniques to actual projects using Blower Door testing equipment. |
| [**HVAC 1430 - Energy Efficiency & Green Building Code Compliance**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28468) | AT | UG | The study of Energy Efficiency & Green Building Code Compliance, Course will cover Federal, State, and local Green Building Codes. |
| [**IT 0850 - Basic Computer/Keyboarding Skills**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28472) | SAGE | UG | Introduces basic skills in computer applications, computer concepts, Internet navigation and keyboarding. Recommended for entry level students with limited to low computer skills. |
| [**IT 1010 - Introduction to Computers**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28473) | BIT | UG | Introduces fundamental computer literacy, which includes hardware and software topics, with lecture and hands-on instruction. Computer applications include operating systems, word processing, spreadsheets, databases and the basics of using networked computers (e.g., e-mail and the Internet). |
| Nursing Dept. | HWPS | UG | Part of a healthcare system dedicated to making the lives of their communities better and healthier through access and sustainability of care. |
| [**NS 1010 - Physical Science for Teachers**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28627) | CHSS | UG | Introduces the science of geology, chemistry, physics and astronomy, with emphasis on the sciences processes, inquiry and the integration of technology. This course is activity based utilizing problems and issues based approach, various teaching methods are modeled and practiced by students. Some field trips may be required. |
| [**NUTR 1010 - Personal Practical Nutrition**](http://catalog.cnm.edu/content.php?filter%5B27%5D=NUTR&filter%5B29%5D=1010&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | MSE | UG | Presents nutrition concepts from a practical viewpoint that can be applied to personal goals. Includes current and controversial topics: individual nutrient needs, alternative eating patterns, nutrition as part of disease prevention and applications of these principles in food preparation. Fulfills nutrition requirement for culinary arts but is not the required course for nursing or other health science majors. |
| [**NUTR 2110 - Human Nutrition**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28650) | MSE | UG | Introduces nutrition as it affects normal body function and total health. Designed for health majors who will use this information in various professions. |
| [**OSH 2006 - Occupational Safety for Construction I**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28190) | AT | UG | Introduces students to OSHA policies, procedures and standards, construction safety and health principles. The scope and application of the OSHA Construction Safety Standard will be addressed with emphasis on high hazard areas. Students successfully completing the course will receive a Department of Labor card acknowledging completion of the 10-hour awareness course for 29 CFR 1926. |
| [**OSH 2010 - Occupational Safety for Construction - 30 Hour**](http://catalog.cnm.edu/content.php?filter%5B27%5D=OSH&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | AT | UG | Introduces students to Occupational Safety and Health Act policies, procedures, standards, construction safety and health principles. The scope and applicatoin of the OSHA Construction Safety Standard will be addressed with emphasis on high hazard areas. |
| [**OSH 2016 - Occupational Safety I**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28194) | AT | UG | Introduces inspections, personal protective equipment, fire protection, hazardous materials, walking/working surfaces, electrical standards and bloodborne pathogens. An OSHA General Industry Outreach Program 10-hour certificate is awarded on successful completion. |
| [**OSH 2017 - Occupational Safety II**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28195) | AT | UG | Covers lock-out/tag-out, material handling, hazardous communication (MSDS and labeling), machine guarding, welding/cutting/brazing, confined spaces, hearing conservation and general environmental controls. |
| [**OSH 2018 - Occupational Safety III**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28196) | AT | UG | Introduces hazardous substances, respiratory standards, hazard analysis, record keeping and workers\compensation. An OSHA General Industry Safety and Health Outreach Program 30-hour certificate will be awarded on successful completion of [**OSH 2016**](http://catalog.cnm.edu/content.php?filter%5B27%5D=OSH&filter%5B29%5D=2018&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt9882), [**OSH 2017**](http://catalog.cnm.edu/content.php?filter%5B27%5D=OSH&filter%5B29%5D=2018&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt5031) and ESH 2018. |
| Patient Care Technician Dept. | HWPS | UG | Part of a healthcare system dedicated to making the lives of their communities better and healthier through access and sustainability of care. |
| [**PHIL 1102 - Ethics in Society**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28674) | CHSS | UG | Examines important ethical theories and contemporary moral issues such as war and violence, the death penalty, euthanasia, privacy, animal rights and world hunger. Assists students in critically examining their own views and those of others, past and present, on these issues.**Close** |
| [**PHIL 2245 - Business Ethics**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28679) | CHSS | UG | Provides a forum for discussion of the ethical and social problems affecting the business community. Examines differing views of economic justice.**Close** |
| [**PHIL 2247 - Biomedical Ethics**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28681) | CHSS | UG | Provides a forum for discussion of the ethical and social problems affecting the medical professional and the practice of medicine.**Close** |
| [**PHIL 2248 - Ethics Of Technology**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28682) | CHSS | UG | Provides a forum for discussion of the ethical and social problems arising from the uses of computers and technology.**Close** |
| Physical Therapy Assistant Dept. | HWPS | UG | Part of a healthcare system dedicated to making the lives of their communities better and healthier through access and sustainability of care. |
| [**PLMB 1130 - Water Piping Systems**](http://catalog.cnm.edu/content.php?filter%5B27%5D=PLMB&filter%5B29%5D=1130&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | AT | UG | Introduces layout and design of water piping systems as well as the installation of plumbing fixtures. |
| [**PLMB 1210 - Commercial Plumbing**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28762) | AT | UG | Presents the different aspects of the commercial plumbing industry. |
| [**PSCI 1110 - The Political World**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28788) | CHSS | UG | Introduces politics, emphasizing how people can understand their own political systems and those of others.**Close** |
| [**PSCI 2200 - U.S. Politics**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28790) | CHSS | UG | Surveys American politics: theory of democracy and political institutions, governmental branches and their bureaucracies.**Close** |
| [**PSCI 2240 - International Politics**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28793) | CHSS | UG | Examines political behavior between and among nations, including various significant factors in international politics: nationalism, ideology, deterrence, balance of power, international law, and international conflict and collaboration.**Close** |
| [**PSCI 2260 - Political Ideas**](http://catalog.cnm.edu/content.php?filter%5B27%5D=PSCI&filter%5B29%5D=2260&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | CHSS | UG | Surveys classical and contemporary political ideas and ideologies; introduces many of the enduring political issues, which are presented in descriptive, analytical and normative terms.**Close** |
| PSCI 2270-Introduction to Public Policy | CHSS | UG | New For 2014-2015 Academic Year. This course will provide an overview of the U.S. political system as it is related to the formulation of public policy. The Introduction to public policy provides a basic vocabulary of concepts and approaches to understand processes of public policy making. |
| PSCI 2280-Introduction to Political Analysis | CHSS | UG | This course will introduce students to political science methodology and its logical usage for discovering causal patterns in political behavior and evaluating political reforms. Students will analyze of the logic of scientific research, gain experience in the development and interpretation of public opinion research and be introduced to related topics. |
| Respiratory Therapy | HWPS | UG | Part of a healthcare system dedicated to making the lives of their communities better and healthier through access and sustainability of care. |
| [**SOC 1101 - Introduction To Sociology**](http://catalog.cnm.edu/content.php?filter%5B27%5D=SOC&filter%5B29%5D=1101&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | CHSS | UG | Introduces basic concepts and theories of contemporary sociology: culture, socialization, social groups, deviance, race and ethnicity gender, age, family, medicine and religion. |
| [**SOC 2205 - Crime Public Policy and the Criminal Justice System**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28885) | CHSS | UG | Discusses key criminological concepts, the measurement of crime and delinquency, the distribution of crime in society, victimization, public opinion, the criminal justice system, crime control strategies and policies. |
| [**SOC 2221 - Global Issues**](http://catalog.cnm.edu/content.php?filter%5B27%5D=SOC&filter%5B29%5D=2221&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1) | CHSS | UG | Examines the global context of patterns of development and the consequences of globalization. Topics include global conflict, the rise of global capitalism, the impact of globalization on government, and inequality. |
| Surgical Technician | HWPS | UG | Part of a healthcare system dedicated to making the lives of their communities better and healthier through access and sustainability of care. |
| [**TRDR 1120 - Basic Operational Theory and Practices**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=29515) | AT | UG | Covers the fundamentals of control systems, public and employer relations, accident procedures, defensive driving techniques, written commercial driver’s licensing needs and state and federal regulations governing the professional truck driver. Also starts to cover on-the-driving-range inspection, basic control, backing, coupling and uncoupling, hazard perception, visual search. Students will received a minimum of 10 hours behind-the-wheel driving time. |
| [**TRDR 1220 - Intermediate Truck Driving Theory and Practice**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=29516) | AT | UG | Covers hours of service requirements, trip planning, defensive driving techniques, the fundamentals of control systems, on-the-driving-range inspection, basic control, shifting, backing, coupling and uncoupling, hazard perception, visual search, speed and space management, preventative maintenance and handling cargo. Students will receive a minimum of 10 hours behind-the-wheel time. This course will build on coverage of items from [**TRDR 1120**](http://catalog.cnm.edu/content.php?filter%5B27%5D=TRDR&filter%5B29%5D=1220&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=13&expand=&navoid=952&search_database=Filter&filter%5Bexact_match%5D=1#tt4771) which includes public and employer relations, accident procedures, written commercial driver’s licensing needs and state and federal regulations governing the professional truck driver. |
| [**TRDR 1392 - Advanced Operational Practices**](http://catalog.cnm.edu/preview_course_nopop.php?catoid=13&coid=28945) | AT | UG | Presents skills needed to cope with hazards of the roadway environment. Course sessions are scheduled during the day, evening and night hours and include driving on mountain grades, urban and rural roads, interstates and docking facilities. Students will receive a minimum of 30 hours behind-wheel-driving time. |
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