

# 2017-18 catalog



**my**life

**my**future

**my**ENMU-Ruidoso







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## CONTACT INFORMATION

Administration .....	257-3006	Marketing .....	257-2120
Student Services Center .....	257-2120	NM Workforce Connection .....	258-1730
Business Office .....	257-3011	Toll Free .....	800-854-4712
Community Education .....	257-2120	Fax .....	630-0416
ENMU-Ruidoso Foundation .....	257-2120 ext. 309	Proctoring .....	257-3014
ENMU Toll Free .....	866-934-ENMU (3668)	Research and Records .....	257-2120 ext. 311
Fax .....	257-9409	Student Accounts/Cashier .....	257-3016 ext. 314
HSE Classes .....	258-1730		
HSE (Test Info Only) .....	257-2120		
Information .....	257-2120		
Library / Learning Commons .....	257-3014		

ENMU-*Ruidoso* Branch Community College  
709 Mechem Drive · Ruidoso, NM 88345  
575-257-2120  
[www.ruidoso.enmu.edu](http://www.ruidoso.enmu.edu)



## GENERAL INFORMATION

### MISSION

The overarching mission of ENMU-*Ruidoso* is to enhance the lives of our student(s) and the communities we serve, now and into the future.

ENMU-*Ruidoso* Branch Community College combines a traditional learning environment with twenty-first century instructional technology to provide an enhanced educational experience. ENMU-*Ruidoso* emphasizes liberal education, freedom of inquiry, cultural diversity and whole student life. Scholarships, cultural enrichment, excellent teaching and enriched learning define the College community's relationship and contributions.

*The mission of ENMU- Ruidoso Branch Community College includes seven purposes:*

- To offer general academic studies for students wishing to transfer to a University.
- To offer career and technical education programs leading to gainful employment for students in their chosen field.
- To offer a dual credit enrollment, Early College Program for qualified high school students.
- To offer workforce education and training services and provide institutional leadership in the economic development of the region.
- To offer programs of instruction leading to Associate degrees and Certificates of Completion.
- To offer lifelong learning opportunities for all citizens through continuing education and community service programs.
- To offer adult basic education for those wishing to achieve literacy skills, complete a high school equivalency diploma and obtain English proficiency.

### FOCUS

- Prepare students for meaningful career and advanced study.
- Impart citizenship and leadership for the betterment of the community.
- Support and expand the role of higher education and excellent teaching.
- Empower citizens to respond to a rapidly changing world.
- Contribute to the economic viability and well-being of our community.

### VALUES

ENMU-*Ruidoso* is guided by the following values:

- Teaching and learning is central to everything we do.
- Personalized attention and customer service define how we work.
- Institutional responsiveness to students and community is core to our success.

### VISION STATEMENT

ENMU-*Ruidoso* Branch Community College will provide opportunities for all citizens to achieve and realize their potential.

Five vision statements guide ENMU-*Ruidoso* in accomplishing its mission. They include the following:

- ENMU-*Ruidoso* will be the first choice for students pursuing higher education in the south-central mountain region of New Mexico.
- ENMU-*Ruidoso* will create strategic alliances and be a driving force in support of community and economic development in the Ruidoso Valley, Lincoln County and neighboring Mescalero Apache Reservation.
- ENMU-*Ruidoso* embraces excellence in providing programs and services, and is committed to delivering high quality educational programs and services.
- ENMU-*Ruidoso* is dedicated to the development of students' self-esteem and self-sufficiency.
- ENMU-*Ruidoso* is committed to continuous improvement in all aspects of our enterprise.

### STRATEGIC PLANNING GOALS

ENMU-*Ruidoso* strategic goals include the following:

- Serve student needs.
- Maintain high-quality programs to satisfy the needs of our students.
- Make ENMU-Ruidoso an integral part of Lincoln County and the Mescalero Apache Reservation.
- Maintain effective and efficient campus operations.
- Develop facility and technology plans to anticipate future needs.

### CATALOG OF RECORD

This catalog is a guide to the academic regulations and the curricula of ENMU-*Ruidoso*.

### HISTORY

Established in 1991, the Ruidoso Off-Campus Instruction Center offered Lincoln County residents access to two-year College academic and career/technical curriculum. In July 2005, the Ruidoso Campus was legislatively created as a Branch of Eastern New Mexico University becoming the 18<sup>th</sup> two-year College in New Mexico. ENMU-*Ruidoso* is a comprehensive two-year College offering Certificates of Completion, Associate of Science, Associate of Arts and Associate of Applied Science degrees.

Undergraduate course work completed at ENMU-*Ruidoso*, offered on-site or through the ENMU system, is fully transferable to ENMU-Portales. Additionally, ENMU-*Ruidoso* offers community education classes, customized training workshops, adult basic education courses and operates a One-Stop Career Center providing free employment services for employers and those seeking career information.





## LOCATION

Located in the heart of the multicultural “playground of the Southwest,” Ruidoso has long been the favorite recreation destination in New Mexico’s spectacular Sacramento Mountains. From the All-American Futurity (America’s richest quarter horse race) to the breathtaking grandeur of the two million acre Lincoln National Forest, the region has something to offer everyone. Rich in heritage and history, Ruidoso and Lincoln County witnessed the epic close of the American Frontier. Today, tens of thousands of tourists from all over North America visit the Ruidoso area each year. Nearby is the 460,000 acre Mescalero Apache Reservation with its spectacular Inn of the Mountain Gods and Ski Apache resort. Since 1991, ENMU-*Ruidoso* has become a favorite place to pursue higher education in the “tall cool pines” of Ruidoso. ENMU-*Ruidoso*’s service area is identical with that of the Ruidoso Municipal School District. The outlying communities of Alto, Mescalero, Tularosa, Cloudcroft, the Hondo Valley, Lincoln, Capitan, Carrizozo and Corona are also served, but residents pay out-of-district tuition rates.

## ACCREDITATION

Eastern New Mexico University is accredited by The Higher Learning Commission, 230 South LaSalle Street, Suite 7-500, Chicago, Illinois 60604-1413, hlcommission.org, 800-621-7440.

## NOTICE OF CHANGES

Since programs, policies, statements, fees, College calendar dates and/or courses contained herein are subject to continuous review and evaluation, the College reserves the right to make changes at any time, through appropriate administrative procedure, without prior notice. The information contained within this catalog is a description of programs and courses active at the time of publication.

## AFFIRMATIVE ACTION AND EQUAL OPPORTUNITY EMPLOYER STATEMENT

ENMU-*Ruidoso* is an affirmative action and equal opportunity employer. The College does not discriminate on the basis of race, color, religion, national origin, sex, age, disability or veteran status in its programs, activities or employment. Persons seeking information

about the College’s nondiscrimination policy should contact the Affirmative Action Officer at (575) 562- 2905 or ENMU Station 21, 1500 S. Ave. K, Portales, NM 88130.

## TITLE IX STATEMENT

“No person in the United States, shall, on a basis of sex, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.” Title IX of the Education Amendments of 1972, and its implementing regulation at 34 C.F.R. Part 106 (Title IX).

ENMU-*Ruidoso* subscribes to Title VI of the Civil Rights Act of 1964 that prohibits discrimination based on race, color or national origin in any program or activities receiving federal financial assistance.

## RELEASE OF STUDENT INFORMATION POLICY

If a student fails to maintain his/her financial obligation to the University or violates non-academic regulations, ENMU-Ruidoso may withhold transcripts and statements of student status. Also see the “Family Education Rights and Privacy Act” in this catalog. Since programs, policies, statements, fees and/or courses contained herein are subject to continuous review and evaluation, the University reserves the right to make changes at any time, through appropriate administrative procedures, without prior notice.

The information contained within this catalog is a description of programs and courses current at the time of publication. The catalog is not intended to be construed as contractual in nature.

Students may contact Student Services regarding disclosure of student data in compliance with Family Educational Rights and Privacy Act (FERPA).

## STUDENT CODE OF CONDUCT

The Student Code of Conduct is printed in its entirety in the Student Handbook and can be found on the ENMU-*Ruidoso* website at [http://www.ruidoso.enmu.edu/files/StudentHandbook\\_2017\\_small.pdf](http://www.ruidoso.enmu.edu/files/StudentHandbook_2017_small.pdf).

## TYPES OF DEGREE

### ASSOCIATE OF ARTS OR ASSOCIATE OF SCIENCE

The Associate of Arts or Associate of Science degrees are two-year degrees designed to provide general education courses consistent with those required of freshmen and sophomores in four-year universities. By careful course planning, students may also enhance their employability in certain fields. Maximum transferability can be assured when students carefully coordinate their Associate of Arts or Associate of Science degrees course work with the general education requirements of the four-year institution in which they plan to transfer.

Students pursuing an Associate of Arts or Associate of Science degree programs may design a degree program that allows flexibility in

various fields, or they may plan concentrations in arts and humanities, business, or science and mathematics.

## ASSOCIATE OF ARTS AND ASSOCIATE OF SCIENCE DEGREE REQUIREMENTS:

- 60 hours minimum.
- 2.00 institutional GPA.
- Grades of “C” or higher are required for all courses.
- 15 hours minimum earned from ENMU-*Ruidoso*.
- 35-36 hours minimum of General Education courses.
- Subject matter curricula specified in degree plan.
- Three hours of UNIV 101 Freshman Seminar are required for all degree seeking students with fewer than 30 credit hours successfully completed. Course must be taken in the first semester of enrollment at ENMU-*Ruidoso*.
- If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.

**NOTE:** The maximum number of hours which may be applied to the associate degree from ACT, advanced standing, CLEP or challenge examinations or from military credit is 32.

## ASSOCIATE OF APPLIED SCIENCE

- Students may earn an Associates of Applied Science degree through ENMU-*Ruidoso* by completing programs as specified under the program headings. Students who contemplate earning this degree should keep in mind that it is generally regarded as a degree denoting occupational competence and that other colleges and universities accept transfer work only at their discretion. Fifteen hours minimum earned from an ENMU campus and an institutional GPA of 2.0 is required for graduation. Programs offering the Associate of Applied Science degree and its requirements are noted in the program description section.
- 60 hours minimum.
- 2.00 institutional GPA.
- Grades of “C” or higher are required for all courses.
- 15 hours minimum earned from ENMU-*Ruidoso*.
- Subject matter curricula specified in degree plan.
- Three hours of UNIV 101 Freshman Seminar are required for all degree seeking students with fewer than 30 credit hours successfully completed. Course must be taken in the first semester of enrollment at ENMU-*Ruidoso*.
- If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.

## ACADEMIC PROGRAMS

ENMU-*Ruidoso* students can pursue the following associate degrees and certificates:

### Associate of Arts Degree

Business Administration  
Criminal Justice  
Early Care and Education  
General Studies  
Hotel, Restaurant & Tourism Management  
Psychology  
Teacher Education Transfer Program  
University Studies

### Associate of Applied Science Degree

Emergency Medical Services  
Information Systems  
Information Systems – Cybersecurity  
Police Science  
Structural Fire Science  
Wildland Fire Science

### Associate of Science Degree

Natural Science  
Pre-Nursing

### Certificate of Completion

Bookkeeping/Accounting  
Childhood Development  
Computer and Network Security Certification Program  
Core Curriculum  
Health Information Technology  
Hotel, Restaurant & Tourism Management  
Human Services Alcohol & Drug Abuse Studies  
Pre-Nursing  
Structural Fire Science  
Welding Technology  
Wildland Fire Science

### Certificate of Occupational Training

Emergency Medical Technician  
Emergency Medical Technician Advanced  
Nursing Assistant

## ADMISSIONS

ENMU-*Ruidoso* has an open admissions policy. Applicants may be admitted to the College all individuals who are 18 years of age or older who have a high school diploma, obtained an equivalency (HSE or GED), not enrolled in high school, or are non-degree seeking are admitted upon completion of an ENMU-*Ruidoso* application. High School students please see the Early College Program section for admissions process. Students who do not have a high school diploma or HSE are not eligible for financial aid. ENMU-*Ruidoso* reserves the right to deny admission to any person when admission is determined not to be in the best interest of the College, or when there is reason to believe that the person presents a danger to himself or herself or other members of the College community.

**Home Schooled Students:** Students enrolled in a home school program may be accepted to ENMU-*Ruidoso* if they meet the requirements for regular admission. In addition, the home school educator must submit a transcript or document that lists the courses completed and grades earned by the student as well as indicate the date the student completed or graduated from the home school program. Home school students who are New Mexico residents and wish to participate in the Lottery Success Scholarship program are required to submit official New Mexico HSE test results.

In order to allow sufficient time for the preparation of registration materials, students are urged to apply for admission well in advance of registration and the start of classes. It is highly recommended that students needing accommodations schedule an appointment with the Students with Disabilities Liaison during completion of the admissions process and/or no later than two weeks prior to the start of the semester for each semester of attendance at the College.

**NOTE:** A student misrepresenting or failing to disclose information in the completion of the admission form will be subject to disciplinary action and possible dismissal from ENMU-*Ruidoso*. Students with missing transcripts will not receive financial aid.

## DEGREE SEEKING ADMISSIONS

### REGULAR STUDENT (first time at any college)

*Requirements for admission as a regular student include the following:*

- Submit a formal application for admission.
- Submit an official copy of their final high school or High School Equivalency (HSE) transcript..

Final transcripts must be sent directly from the high school or HSE Testing Center to:

ENMU-*Ruidoso*  
Research and Records  
709 Mechem Drive  
Ruidoso, NM 88345

Transcript request forms are available at [https://ruidoso.enmu.edu/files/Transcript\\_Request\\_Mar2017.pdf](https://ruidoso.enmu.edu/files/Transcript_Request_Mar2017.pdf) or can be obtained from Research and Records.

## TRANSFER STUDENTS

*Requirements for admission as a transfer student include the following:*

- Formal application for admission.
- Transfer students from other colleges or universities must submit an official transcripts from all colleges previously attended
- An official copy of their final high school or HSE transcript. However, this will be waived if a student transfers 30 credit hours from another institution.

**NOTE:** These transcripts may be required for Financial Aid.

Any transfer student who has less than a 2.0 cumulative grade point average (GPA) from his/her previous college(s), and/or vocational

school(s) must submit a letter of appeal to the Admissions Appeal Board for admission to ENMU-*Ruidoso*. In addition, the student admitted on Academic Probation or Suspension Waiver will be required to sign a Probation Agreement for the first semester.

**NOTE:** A student who conceals the fact that he/she has attended another college or university and who does not submit an official transcript for each institution, whether or not credit was earned, will be subject to immediate suspension.

**Academic Dismissal or Suspension:** Students on academic suspension from the last college or university attended who wish to enroll at ENMU-*Ruidoso* must follow the procedures outlined in the Satisfactory Academic Progress (SAP) policy. Transfer students admitted on Academic Probation or Suspension Waiver may be required to complete an Action Plan to be developed by the Vice President of Student Learning. Failure to disclose this information on admissions application may result in suspension.

**Non-Academic Dismissal or Suspension:** Transfer students who were disqualified for admissions/registration at any college or university must provide documentation disclosing the circumstances for the Non-Academic Dismissal or Suspension. Students must appeal to Vice President of Student Learning for approval for admissions. Failure to disclose this information on admissions/registration forms may result in suspension.

**Transfer Credit:** Acceptance of transfer credits by the College does not guarantee these hours will satisfy requirements in a specific degree. To determine course transfer eligibility, students must contact Research and Records. Grades of D, if accepted, cannot be used to meet requirements for a major or minor but may meet other requirements.

**Grade Point Calculation:** Transfer grades will be calculated for admission requirements, honors for graduation and professional licensing.

## NON-DEGREE STUDENT

### REQUIREMENTS

- Students wanting to take credit courses without meeting the full requirements for admission to a degree program may apply for non-degree status. Non-degree students do not qualify for financial aid.
- Non-degree students are subject to all ENMU-*Ruidoso* policies and regulations governing registration, attendance, disciplinary probation or suspension and academic standing.

Non-degree students wanting to take a mathematics or English class must take the college placement exam or transfer in qualifying courses.

No more than 30 credit hours taken as a non-degree seeking student will count towards a degree unless credit was obtained through the Early College Program.

Non-degree students must re-apply to become a degree seeking student and submit their HS /GED/College transcripts to Research and Records.

**Appeal Transfer Evaluation:** If courses are not accepted for transfer to ENMU-*Ruidoso*, the student may appeal. A student who wishes to appeal the transfer evaluation should follow the steps outlined below:

1. File a written appeal (letter with Research and Records, providing information regarding the course(s) being appealed). This information includes the following:
  - a. A course description
  - b. Syllabus from the course at the time it was taken, and/or
  - c. Other documentation about the content of the course being appealed.
2. Within 30 days of the written appeal, the file will be reviewed and the student will be contacted in writing. If the appeal is denied, the letter will explain the reason for the denial.
3. If the student is denied and wants to continue the appeal, the student must indicate this in writing to the Vice President of Student Learning. The second appeal must be submitted within 30 days of the first appeal decision letter.
4. The second appeal letter will be reviewed within the next 30 days after receipt, and the student will be notified in writing as to the decision.
5. If the student is denied a second time, and wishes to continue the appeal, the student may appeal directly to the New Mexico Higher Education Department.

## MILITARY PERSONNEL

ENMU-*Ruidoso* defines military personnel as active duty or veterans and has three admission programs designed for military personnel. They are the Active Duty Military program (ADM), Servicemen's Opportunity College (SOC), and the Military Admissions Programs (MAP). For guidelines on credit for military service, go to the "Prior Learning Assessment" section of the catalog.

## READMISSION

Students who have not attended ENMU-*Ruidoso* for one or more semesters are required to make formal application for readmission. Readmission does not require an additional admission fee.

Former students who attended another institution prior to readmission are required to provide official transcripts from that institution if student is degree seeking.

**Readmission to Degree-Seeking Status:** A student who is seeking readmission and who's last ENMU-*Ruidoso* admission status was degree-seeking (regular), must complete an Application for Undergraduate Admission form and select Readmission as his/her enrollment status. Academic admission status at the time of readmission will normally be determined by previous ENMU-*Ruidoso* academic standing. However, academic performance at other institutions attended during the applicant's absence from ENMU-*Ruidoso* may be considered when determining the student's academic admission status.

**Readmission to Non-degree Status:** A student who is seeking readmission and who previously attended ENMU-*Ruidoso* under a non-degree admission status must complete an Application for Undergraduate Admission form and select Readmission as his/her enrollment status and Non-degree as his/her Intended degree. However, if the student wants to be readmitted under a degree (regular) status, the student must submit a Change Form to request a change-of-status at the time of readmission.

**NOTE:** ENMU-*Ruidoso* students who have not attended classes in the past five years or more may be eligible for Clemency. Refer to ENMU-*Ruidoso* Clemency policy under Academic Standing.

## ENMU PORTALES OR ROSWELL CAMPUSES

ENMU-*Ruidoso* students wanting to change attendance to either the Portales or Roswell campus must follow the admissions procedures of each campus.

## INTERNATIONAL STUDENTS

International students may be admitted into an online ENMU-*Ruidoso* program. For admission information, go to [www.ruidoso.enmu.edu](http://www.ruidoso.enmu.edu). However, if an international student wishes to attend courses in the U.S., this process is facilitated by ENMU-Portales campus. Complete instructions are available by calling the ENMU International Student Services 800-367-3668; refer to the ENMU-Portales online catalog, at [www.enmu.edu](http://www.enmu.edu).

## TUITION AND FEES

### GENERAL REQUIREMENTS

Tuition and fees are charged according to the number of credit hours enrolled each semester. Students enrolled in courses for non-credit, pay the same tuition and fees as students enrolled for credit. Tuition and fees are payable by the end of the add/drop deadline unless prior arrangements have been made with the Cashier. An up-to-date tuition and fee listing may be found on the ENMU-*Ruidoso* website at <https://ruidoso.enmu.edu/index.php/students/current-students>. ENMU-*Ruidoso* offers a Deferred Tuition Payment Plan. For details, contact the ENMU-*Ruidoso* Cashier. Students are not officially enrolled until they have made a partial payment and have signed a contract with the Cashier. Student registration is not complete and enrollment is not official until payment or payment arrangements are made.

Tuition and fees are subject to change without notice by Board of Regents of ENMU-*Ruidoso*.

Tuition rates are determined by student's residency. New Mexico In-District rates apply to students living within ENMU-*Ruidoso*'s college district (Ruidoso Municipal School District, Zip Codes 88345 and 88346). New Mexico Out-of District rates are applicable for students who live in-state but outside of ENMU-*Ruidoso*'s college district. Non-Resident rates apply to students who are not residents of New Mexico. There are different rates for Non-Residents based on the number of enrolled credit hours.



During fall and spring semesters, if an out-of-state student is enrolled in 6 or less credit hours, tuition will be charged at the in-state tuition rate. However, if an out-of-state student enrolls in more than 6 hours at any time during the semester all credit hours will be adjusted to the out-of-state tuition rate.

## **RESIDENCY REQUIREMENTS FOR TUITION**

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Residency for tuition purposes is determined at the time of admission. The Commission on Higher Education defines a NM resident as a financially independent adult at least 19 years of age, who has lived in New Mexico for a minimum of one year prior to the semester for which resident status is requested and who has met all other residency requirements.

For more detailed information on the above and other circumstances related to these regulations please contact Research and Records or go to <http://www.hed.state.nm.us/uploads/files/Residency%20Brochure%20FINAL.pdf>.

Students who wish to change their official residency status must complete a "Petition for In-State Tuition Classification" form. Petitions for changes in residency status will be accepted from the time of registration up to the third Friday after the start of the semester. Petition forms and further information may be obtained from Research and Records.

## **SENIOR TUITION**

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New Mexico residents who are 65 or older may attend ENMU-Ruidoso at reduced tuition rates. Admission to the College is required and all other student fees apply. Individuals must apply and qualify for this program through the ENMU-Ruidoso Research and Records office. The tuition cost is \$5.00 per credit hour tuition rate. Senior students may register for a maximum of 6 credit hours at the reduced rate. Per state law, senior students who take more than 6 credit hours at any time during the semester must pay full price for all credits based on in-district or out-of-district or out-of-state residency.

Students are responsible for payment of fees, books, and other costs associated with their class. Contact the Research and Records office for more information.

## **SPECIAL/ADDITIONAL FEES**

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Graduation, class and institutional fees may apply. Please refer to ENMU-Ruidoso website at <http://ruidoso.enmu.edu/files/TuitionMatrix20162017.pdf>.

## **TEST PROCTORING FOR ONLINE COURSES**

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Some courses at ENMU-Ruidoso may require students to complete their quizzes, assignments, or exams in a proctored setting. There are resources in New Mexico, and nationally, that can assist you in locating an appropriate exam site or test proctoring option. With the instructor's permission, a proctored setting can be arranged at a local library or school or (for a fee) at a testing center. Online options (for a fee) are also available for proctored testing. You are responsible for arranging

for this proctoring session and paying any fees. ENMU-Ruidoso does not officially endorse any proctoring entity or location. Your instructor will provide you with options for having an exam proctored.

## **PAYMENT OPTIONS**

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- Pay at the Cashier's office with cash, check, money order or credit card.
- Mail check or money order to: Cashier, ENMU-Ruidoso, 709 Mechem Dr., Ruidoso, NM 88345.
- Pay by credit card. Call the Cashier at (575) 257-3016 or 800-834-ENMU (3668). ENMU-Ruidoso accepts Discover, MasterCard, VISA and American Express.
- Set up a payment plan.
- Pay online at <http://ruidoso.enmu.edu/index.php/students/current-students>. Or log onto the MyENMU-Ruidoso portal and click on Student Links.

## **REFUND POLICY: TUITION AND STUDENT/COURSE FEE**

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*The refund schedule begins on the official first day of the academic calendar for the semester.* Tuition and student fees charged for more than 18 hours in a regular semester and more than nine (9) in a summer semester will not be refunded.

Refund schedule for fall or spring: please refer to ENMU-Ruidoso refund schedule at <http://ruidoso.enmu.edu/index.php/new-page/87-prospective-students-sub#Refunds>.

## **TUITION REFUND APPEALS PROCEDURE**

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A student must submit a written appeal to the Business office explaining individual circumstance that would warrant an exception to the published refund policy. The Business Office will make the final decision to approve or deny the appeal.

## **WITHDRAWAL FROM THE COLLEGE – FINANCIAL RESPONSIBILITY**

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Once a student registers, he or she is responsible for the total charges assessed regardless of whether an installment payment plan is used. Refund percentages are applied to total charges assessed and not the amount paid. This means that a student who withdraws before paying all installment plan payments may receive a bill rather than a refund. **Not attending classes does not constitute official withdrawal or relieve students of their financial obligations.**

## **STUDENT DELINQUENT ACCOUNTS AND LOANS**

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Transcripts and/or other information relating to the College records of any student or former student will not be released or delivered to the student or to any other person, entity or institution until all debts owed by the student to the College and all of its affiliates have been paid. This policy is applicable to all debts as allowed by law including, but not limited to, student loans.

## COLLECTION OF STUDENT DELINQUENT ACCOUNTS AND LOANS

During each semester, students who have delinquent account balances may receive a series of itemized statements requesting payment. Failure to receive a bill from ENMU-*Ruidoso* does not relieve the student of the responsibility for payment. If payments or arrangements to pay are not made on a timely basis, the account may be placed with a collection agency. Collection fees will be added to the account, for which the student will be responsible. If ENMU-*Ruidoso* obtains a judgment from a court of competent jurisdiction, the debtor shall also be liable for the court costs and attorney's fees.

## FINANCIAL AID

The U.S. Department of Education Federal Student Aid programs and the State of New Mexico provide grants, loans, and work-study employment assistance to qualifying students. Federal and State aid can help cover expenses such as tuition and fees, room and board, books and supplies, personal expense and transportation. Go to [www.studentaid.gov](http://www.studentaid.gov) or [www.hed.state.nm.us](http://www.hed.state.nm.us) for more information on these programs.

- The Free Application for Federal Student Aid (FAFSA) should be completed annually at [fafsa.edu.gov](http://fafsa.edu.gov).
- Verification processing must be finished before federal student aid will be awarded.
- The FAFSA academic aid year at ENMU-*Ruidoso* is fall, spring and summer.

## SOURCES OF FINANCIAL AID

**Merit-Based Aid:** Based on academic achievement or performance, usually a scholarship.

**Need-Based Aid:** Awarded to students who can show need according to a formula. The three types of need-based aid are:

- **Grants** – aid that does not have to be paid back. Examples of grants available at ENMU are Pell Grants, SEOG, and NMSIG.
- **Loans** – aid that is borrowed and has to be paid back over a period of time, usually after a student leaves school or is enrolled less than half-time.
- **Work-Study** – aid that a student earns by working part-time.

Information concerning types of aid and eligibility criteria can be found at <http://www.ruidoso.enmu.edu>, go to Students, Financial Aid, or by contacting the student advisors at (575) 257-2120.

**How to Apply:** Students applying for financial aid should complete a Free Application for Federal Student Aid (FAFSA). The FAFSA is designed to determine, in accordance with state and federal guidelines, the difference between what students or their families are expected to contribute and the cost of attending ENMU-*Ruidoso*. A current FAFSA must be on file at the Office of Financial Aid for any type of federal or state student aid including work-study and loans. Students should complete the FAFSA online at [www.fafsa.gov](http://www.fafsa.gov). To be reviewed for financial aid at ENMU-*Ruidoso*, students must list Eastern New Mexico

University as a school of interest. ENMU's school code is 002651.

**When to Apply:** Since some funds are limited, students should complete a FAFSA as soon as possible each year.

### Financial Aid Award Process:

1. Complete the FAFSA.
2. Receive a Student Aid Report (SAR) by mail or e-mail. ENMU-*Ruidoso* will receive the same information and request additional information from the student if necessary.
3. Receive an ENMU Financial Aid and Scholarship Notification listing awards and amounts, sent by mail and ENMU email.
4. Additional steps are required if students wish to accept workstudy and borrow loans.
5. Aid is applied to student's account.

**Verification:** The verification process confirms that reported FAFSA information matches tax return, transcripts and other documents. Such documentation may include copies of the most recent IRS income tax return transcript for students, and/or spouse or parents of students. Proof of citizenship, copies of Social Security benefit statements and W-2 forms may also be requested along with other required documents.

FAFSA applications are selected for verification by the Federal Processor. The Office of Financial Aid will contact students who are selected for verification via mail and email once the college is notified by the Department of Education. FAFSA processing will be postponed until the required information and/or forms are provided.

Verified FAFSAs will be processed in date order. Documentation is logged as it is received, so time sensitive funds can be awarded accordingly. Once documentation is reviewed and all data matches, the FAFSA will be released for the next awarding cycle. If corrections are necessary, the Office of Financial Aid will submit them electronically to the Federal Processor. Once confirmation is received that the changes were accepted, the FAFSA will be released for the next awarding cycle.

**Awards:** Once the FAFSA file is complete, aid will be awarded based on the following:

- Estimated Cost of Attendance.
- Expected Family Contribution (EFC).
- Other Financial Assistance (Resources).
- Financial Need.
- Availability of Funds.

**Estimated Cost of Attendance:** These components are used to determine the estimated cost of attendance:

- Tuition and Fees.
- Room and Board.
- Books and Supplies.
- Personal and Miscellaneous Expenses.
- Transportation.

The estimated cost of attendance is used for calculating financial aid. Please contact the ENMU-*Ruidoso*'s Business Office/Cashier for the actual costs.

**Expected Family Contribution (EFC):** One of the principles behind need-based aid is that students and their families should pay what they can afford for educational expenses. A standard formula is used to calculate a student's Expected Family Contribution based on information submitted through the FAFSA. The federal funding formula takes into consideration family size, number of household members who are attending college at least half time (excluding parents), family income and assets.

**Other Financial Assistance (Resources):** Other financial assistance refers to any outside scholarships, tuition waivers, stipends, State or Federal program award (including WIA or DVR), participation awards or grants or assistance received by the student other than federal financial aid. These amounts are required by law to be included as financial aid resources for the academic aid year even if they are not paid through the ENMU Office of Financial Aid. Failure to notify ENMU about these resources could jeopardize your financial aid awards and lead to adjustments in the amount of aid you receive. To report additional resources please email the Financial Aid Office at [financial.aid@enmu.edu](mailto:financial.aid@enmu.edu) or call (575) 562-2194 or 1-800-FOR-ENMU (367-3668).

**Need Calculation:** Financial need is the difference between students estimated cost of attendance and the amount the student and family are expected to contribute:

$$\begin{array}{r} \text{Estimated Cost of Attendance} \\ (-) \text{ Expected Family Contribution} \\ \hline (-) \text{ Resources} \\ \hline = \text{ Need-Based Aid Eligibility} \end{array}$$

**Availability of Funds:** Some funds are limited so they are awarded to students whose FAFSAs are completed first. New FAFSAs and those which go through the verification process are tracked to ensure they go through the award cycle in order.

Many Financial aid awards are based on the financial need resulting from the costs of the academic year. Therefore, awards for the aid year will be split evenly between the fall and spring semesters. Outside scholarships are also applied this way unless the donor stipulates otherwise.

- Summer financial aid is available to students who have eligibility remaining for the academic aid year which was not used in the fall and spring semesters.
- Students who plan to leave ENMU-*Ruidoso* during the academic year should advise the Office of Financial Aid in writing as soon as possible so any future term's aid may be canceled.
- Students entering ENMU-*Ruidoso* in the spring or summer term should notify the Office of Financial Aid about awards already received at another school within the same academic aid year.
- Fall/spring awards are made to students who are admitted to

ENMU-*Ruidoso*. Summer awards are made to students who are admitted and registered for classes.

- Students may view their financial aid awards and eligibility status online in the student portal.

Please remember all financial aid offers are based on information provided by students, and/or spouses and parents of students, availability of funds and eligibility requirements. Any award may be revised based on changes in enrollment, cost of attendance, family contribution or failure to meet satisfactory academic progress. Withdrawals or reductions in enrollment may affect an award or any future awards. Financial aid will not pay for audited courses or some repeats. Offers are subject to revision due to changes in policy, law, regulations, additional resources, and calculation or funding.

### Eligibility Requirements

- Students must be fully admitted into a degree seeking program and meeting the Satisfactory Academic Progress (SAP) requirements of their degree program to receive federal student aid funds.
- Students must have FAFSA and be enrolled before their SAP status will be updated for new term.
- Students must agree annually to the ENMU-*Ruidoso* terms and conditions via MyENMU.
- Students must be registered for courses before remaining aid eligibility will be received.
- There are maximum eligibility limits for some federal student aid funds. Students will not be awarded in excess of any federal limitations. Students can view their financial aid history at [nslds.ed.gov](http://nslds.ed.gov).
- Federal student aid will pay one time for students to repeat a previously passed course. Grades of "A," "B," "C," "D," "S" and "CRE" are considered passing whether that is the grade required by the degree program or not.

### Required Enrollment

- Disbursement will prorated for students who are enrolled part-time (less than 12 credit hours).
- Student loans require a minimum half-time enrollment, 6 credit hours for undergraduates, 5 credit hours for graduates.
- Students classified as graduates of levelers must be taking at least 6 hours of coursework toward their program of study.
- Student attendance will be reported by faculty at the end of the drop/add period. If reported enrollment is less than full time, federal aid awards will be recalculated.

### Scholarship Continuation

- Students should review their award letters for scholarship continuation criteria. These criteria should be considered before making any changes to enrollment.
- Continuing ENMU-*Ruidoso* scholarships will be reviewed after grades post at the end of each semester.
- Transfer students should provide any required forms and/or



transcripts from their prior school if they have scholarships which will continue at ENMU- *Ruidoso*.

### Student Action

- Transfer students must have all transcripts from all prior institutions to Research and Records before their file will be released to financial aid for awarding.
- Students should register for all classes as early as possible so that financial aid awards will be accurate and made in a timely manner. Summer aid review requires students to be registered.
- Students should monitor ENMU- *Ruidoso* email for correspondence from Office of Financial Aid. Respond to any requests quickly so there will be plenty of time to process required items.

**Notification:** As soon as the FAFSA is processed by ENMU- *Ruidoso*, a Financial Aid and Scholarship Notification will be mailed to the student's current address and ENMU- *Ruidoso* email. Any time awards are increased, decreased, canceled or new awards added, students will receive a new notification. Students should compare any new notification to the previous one so they understand changes. Registered students should be able to view their awards by logging into MyENMU at [www.ruidoso.enmu.edu](http://www.ruidoso.enmu.edu).

**Aid Disbursement:** At the end of the drop/add period each semester, ENMU- *Ruidoso* will automatically transfer student's financial aid and scholarship awards to pay allowable College costs for courses the student is attending. Allowable college costs may include: tuition, student fees, room and board, bookstore charges, library fines and returned check fees. Student may also authorize their aid to pay a portion of non-institutions; charges for the current or prior year's expenses.

Any aid received in excess of posted, allowable College costs will be refunded to students in the form of a check or direct deposit from the Office of Student Accounts approximately 10 days after the beginning of each semester. If financial aid and scholarship awards will not cover the entire semester's expenses, students are liable for the balance.

**Returning Title IV Federal Student Aid (R2T4):** Title IV Federal Student Aid funds are awarded under the assumption students will attend classes for the entire period for which the aid is awarded. When students completely withdraw, officially or unofficially, they may no longer be eligible to receive the full amount of Title IV aid originally awarded. Academically related attendance activities are recorded by physically attending classes, taking exams, submitting required assignments, attending school-assigned study groups, etc. When students who begin the academic period do not complete at least 60 percent of the period, a recalculation must occur to show the percentage of aid which was earned. This percentage is derived by dividing the number of day's students attended by the number of days in the period.

If the amount of aid disbursed to students is greater than the amount of aid students earned, any unearned funds must be returned to the

appropriate aid program. If the amount disbursed to students is less than the amount students earned, and for which he/she is otherwise eligible, any earned funds may be made available to students as a post-withdrawal disbursement.

Students who receive all F's for the semester will be unofficially withdrawn.

Unearned funds will be returned to the Department of Education in this order:

- Unsubsidized Stafford Loan
- Subsidized Stafford Loan
- Perkins Loan
- Graduate PLUS Loan
- PLUS Loan
- Pell Grant
- SEOG Grant
- TEACH Grant Iraq and Afghanistan Service Grant

Students withdrawing from classes are liable for any balance due to ENMU- *Ruidoso* after the return of Federal Student Aid funds. ENMU's R2T4 policy can be found at [www.enmu.edu](http://www.enmu.edu) or by contacting the Office of Financial Aid at 575-562-2194.

## SATISFACTORY ACADEMIC PROGRESS (SAP)

**Requirements:** Satisfactory academic progress (SAP) standards are measured at the end of each semester to ensure students receiving Title IV Federal Student Aid funds – Grants, Work study, Direct PLUS and Perkins Loans – are meeting both qualitative (grade) requirements:

- Completion Rate – Attempted hours should be completed.
- GPA – Grades earned should be sufficient to apply to degree or certificate plan.
- Maximum Time Frame – Degree program must be completed in a timely manner.

Following is the policy used by Eastern New Mexico University in compliance with federal regulations to determine students are meeting SAP and should be considered to receive Federal Student Aid:

Degree	ENMU Completion Rate	ENMU GPA	Overall Maximum Time Frame
2-year Certificate	67%	2.0	56 attempted hours
Associates	67%	2.0	106 attempted hours
Bachelors	67%	2.0	196 attempted hours
Second Bachelors	67%	2.5	196 attempted hours
Teacher Certification	67%	3.0	30 attempted hours
Masters	67%	3.0	70 attempted hours

**Cumulative Completion Rate:** The percentage of work a student has successfully completed at all post-secondary institutions. All

attendance including remedial coursework, repeated coursework and periods when students did not receive federal student aid are counted in the total hours attempted and other SAP rules.

$$\text{Completion Rate} = \frac{\text{Cumulative Hours Passed}}{\text{Cumulative Hours Attempted}}$$

Example:  $\frac{60 \text{ Hours Passed}}{74 \text{ Hours Attempted}} = 81\%$

**Cumulative Grade Point Average (GPA):** Cumulative grade point average earned on coursework at all post-secondary institutions.

**Maximum Time Frame:** Maximum time frame is calculated as 150 percent of the hours necessary to complete the degree program and includes all attempted hours from all post-secondary institutions. Title IV Federal Student Aid expires when students appear to lack more hours than they can complete within the maximum time frame limit for their degree program. Students will begin to be monitored when they reach 120 percent of the hours necessary to complete their program. Once students lack more hours than can be completed before reaching the maximum time frame limit, they may request extension of federal student aid by following the procedure for reinstatement of financial aid which includes submitting a Petition for Reinstatement, an Academic Success Action Plan (ASAP) and a current Degree Plan Checklist or CAPP Degree Evaluation Report. Students granted an extension must complete only the hours listed on their ASAP and all attempted hours must be completed with the GPA required by their program. Students pursuing a second bachelors or second or subsequent masters must petition for reinstatement and should thoroughly explain and document the need for the subsequent degree and any extreme mitigating circumstances.

**Teacher Certification and Preparatory Leveling:** Teacher Certification applies to students who already have a Bachelor's Degree and are returning for certification only. Preparatory Leveling applies to students who already have a bachelor's degree but must complete undergraduate prerequisite courses before enrolling in an eligible program. Prerequisite courses must be completed with a grade of "B" or above for the student to continue receiving federal student aid funds for one calendar year.

**Grade Calculation and Completion:** Grades of "F", "I", "U", and "W" are considered unsuccessful completion of the course and count against completion rate and maximum time frame calculations. Grade of "S" will count as work completed and will be counted as successful completion of the course. Since no grade point is given for the grade, is not calculated into the GPA. Successful completion of the term is defined as completion of all attempted hours with grades sufficient to satisfy the degree plan checklist. Federal Student Aid funds may be awarded once for a previously passed course.

**ENMU Financial Aid SAP Status:** Once grades are posted at the end of each semester, Financial Aid SAP Status will be updated for the next term for those students who are registered and have a current FAFSA. Students will be assigned a new status based on the semester's results.

SAP Status		
Academic Progress	Status	Result
Meeting Completion Rate and GPA	Eligible - Meeting SAP Policy	Eligible
First Failure Completion Rate and/or GPA	Warning - Meet SAP by Next Term	One Semester Provisional Eligibility
Second Failure Completion Rate and/or GPA	Ineligible - Rate/GPA	Not Eligible
May Exceed Maximum Time Frame	Ineligible - May Exceed Max Time Limit	Not Eligible
Exceed Maximum Time Frame	Ineligible - Over Max Time Limit	Not Eligible
Approved Petition/Academic Plan	Probation/Follow Plan	One Semester Provisional Eligibility

Students may review their financial aid academic progress online by accessing their MyENMU account at [www.ruidoso.enmu.edu](http://www.ruidoso.enmu.edu) and following links to the financial aid area. Students with Provisional Eligibility should not waste this opportunity to make successful progress. Ineligible students will lose Title IV Federal Student Aid funding eligibility meeting the SAP requirements or completing a successful reinstatement request.

**Reinstatement:** The Financial Aid and Scholarship Committee will review written requests for reinstatement from students who have extreme mitigating circumstances which prevented them from complying with ENMU- *Ruidoso*'s SAP Policy. Mitigating circumstances are defined as unanticipated and unavoidable events beyond a student's control.

Petitions for Reinstatement will not be accepted beyond the ninth week of each semester. Contact ENMU- *Ruidoso*'s Student Services Aid or the ENMU Office of Financial Aid at 575-562-2194 for more information.

**Academic Standing:** Academic Progress maintained by the Office of Financial Aid is not the same as Academic Standing which is maintained by the ENMU- *Ruidoso* system. Students must be academically eligible and registered at ENMU- *Ruidoso* before written request concerning academic progress will be reviewed.

## SCHOLARSHIPS

A variety of local and regional scholarships are available for students attending ENMU- *Ruidoso*. Graduating high school seniors, continuing Ruidoso students, working adults and recent HSE recipients are all eligible to apply for scholarships. Students should submit applications for the upcoming year's scholarship awards in ENMU- *Ruidoso* Foundation drop box in front of the Foundation office by the posted deadline. If a student is selected to be awarded a scholarship, they must first send a thank you letter before they can receive the scholarship. Scholarships money is posted to the student account if all above requirements are met on the add/drop date of the semester.

Many clubs, civic organizations, churches and other agencies provide scholarships to students each year. Interested students should check the ENMU- *Ruidoso* website for any updates to the ENMU- *Ruidoso* scholarship guide at <http://www.ruidoso.enmu.edu/~enmu/index.php/students/finaid-2>. Withdrawal from courses prior to the completion of

the semester may require repayment of the total scholarship amount. Students are encouraged to access free scholarship information on the Internet by visiting the FastWeb! Site at: <http://www.fastweb.com>.

## STATE SCHOLARSHIP PROGRAMS

### 1. Bridge to Lottery Success Scholarship

This is a first-semester “bridge” to the New Mexico Lottery Success Scholarship. This scholarship will cover tuition for the first regular semester, based upon available funds. The funds are given to the college from the state for this program. Students must be a New Mexico resident and U.S. Citizen or permanent resident, graduate from a NM public (or accredited private) high school or be a NM HSE recipient, achieve minimum high school GPA (2.5) or HSE score (530), and enroll full-time in a public New Mexico college or university as a degree-seeking student the first regular semester after high school graduation or successfully completing the General Equivalency Exam. Students who do not complete 12 credit hours with a 2.5 grade point average their first semester, will not be eligible for the New Mexico Legislative Lottery Success Scholarship. Therefore it is extremely important that you meet the eligibility requirements.

### 2. ENMU- *Ruidoso* Boost to Success Scholarship

This is a first-semester scholarship to help those students who would not otherwise qualify for the “Bridge to Lottery” scholarship. This scholarship will cover tuition for the first regular semester, based upon available funds. Students must be a New Mexico resident and U.S. Citizen or permanent resident, graduate from a NM public (or accredited private) high school or be a NM HSE recipient, achieve a minimum high school GPA of 2.0 or HSE score of 500, and enroll full-time (12 credit hours) with ENMU- *Ruidoso* as a degree-seeking student the first regular semester after high school graduation or successfully completing the General Equivalency Exam.

### 3. New Mexico Legislative Lottery Scholarships

The Lottery Scholarship is funded from the New Mexico Lottery and covers the cost of tuition at any NM public college or university. New Mexico residents, who attend classes at ENMU- *Ruidoso* on a full time basis during the next regular semester after receiving a NM high school diploma or HSE, or having completed a state recognized, accredited home school correspondence program, are eligible to participate. There is no deadline and students need not apply to this program. It is automatic if a student completes the necessary criteria. Students maintain their eligibility for the scholarship by completing 12 or more credit hours with a 2.5 or higher GPA each semester. Scholarships will be awarded during the second semester of the first year of enrollment and will continue three consecutive regular semesters (Fall and Spring) if the student meets all eligibility criteria. The scholarship continues for an additional four semesters if the eligible student enrolls full time at a four-year institution and continues to meet the scholarship requirement. The amount of tuition covered by the NM Lottery Scholarship is dependent on state laws and funding. If you have questions, please call ENMU- *Ruidoso* Student Services at (575) 257-3007 or the New Mexico Higher Education Department at (505) 476-8400.

### 4. New Mexico scholars scholarship program

This scholarship was created by the 1989 New Mexico Legislature to assist outstanding New Mexico high school graduates. The scholarship covers tuition, books and fees per academic year, excluding lab, and course fee, and is awarded for four consecutive years.

#### Eligibility Requirements (New Mexico residents):

- Graduate from New Mexico high school in the top 5% of their class or score 25 on ACT.
- Attend eligible college of university by the end of 21<sup>st</sup> birthday.
- Undergraduate.
- Enroll full-time.
- Combined family income may not exceed \$30,000 per year.

**NOTE:** Students who receive the New Mexico Scholars are not eligible for the New Mexico Lottery Success Scholarship.

## VETERAN'S STANDARDS OF PROGRESS

The State Approving Agency in Santa Fe, NM, approves courses in the ENMU- *Ruidoso* undergraduate catalog for veterans claiming benefits under the Montgomery GI Bill. Entitlement programs are offered for honorably discharged veterans, active duty personnel and dependents of medically discharged or disabled veterans.

To apply for Veterans Education Benefits the recipient must apply online at [www.gibill.va.gov](http://www.gibill.va.gov). Once recipient has applied for educational benefits the potential recipient must interview with the Veterans Administration Certifying Official (VASCO) located in Student Services and provide required documentation for approval from the Veterans Administration Regional Office (VARO). Once approval has been granted, the student must follow the VARO written guidelines given at the time of the interview which included satisfactory standards of progress. Failure to comply with the VARO guidelines may result in discontinuation of benefits.

## STUDENT SERVICES

### ACADEMIC ADVISING

The ENMU- *Ruidoso* Student Services provides students assistance with academic advising, career counseling, job training counseling and degree planning. While many incoming students are certain about their career goals, others need assistance in developing educational plans. One of the first steps new students take before they register for classes is to discuss their educational goals with a Student Services staff member or an assigned advisor. Assistance is provided to new and returning students in completing class schedules to ensure that course selections are appropriate for each student's degree plan. Student Services staff works closely with the faculty to help students plan a series of courses and activities which will move students toward their educational goals. Through this learning process and with staff support, independent planning is encouraged.



This support includes:

- Considering and discussing academic goals and career education.
- Being familiar with and providing information about skill requirements, opportunities, forecasts, for employment, etc.
- Suggesting, when appropriate, counseling, testing or career exploration classes.

Although advice and counseling are available, students are ultimately responsible for their decisions. For more information, please call 257-2120 or 800-934-ENMU (3668).

## CAREER SERVICES

ENMU-*Ruidoso* Student Services uses interest inventories, such as the O'Net software program and other career resources to help students and community residents learn more about career interests, decide what college programs might be suitable for their goals and select an appropriate major. The O'Net software program is a career information system with extensive information about occupations and career planning. O'Net helps students and job seekers implement their career plans with connections to job banks and tools for writing resumes, practicing for interviews and job searches. More information can be found online at <https://ruidoso.enmu.edu/index.php/news-and-events-2/career-advising-resources>.

## DUAL CREDIT/EARLY COLLEGE PROGRAM

The Early College Program (ECP) provides qualified high school students the opportunity to earn college credit while still enrolled in high school by taking college level courses. ECP includes dual credit and concurrently enrolled students.

**NOTE:** Admission into ECP is not considered "Early Admission" to the College and students are classified as non-degree status. Students desiring to continue in degree status after high school graduation must fulfill regular admission requirements described under ADMISSIONS of this catalog.

### ELIGIBILITY REQUIREMENTS

- Student must be at least 16 years old or currently enrolled as a **junior** or **senior** in high school.
- Students must have a minimum 2.5 GPA.
- Students must complete a College Skills Placement Test for reading, writing, and mathematics prior to enrolling in class.
- Students can use their ACT score for placement when enrolling into classes. Students will need to bring in a copy of their ACT scores to Student Services.

**Dual Credit Student:** "Dual Credit Program" is defined as a program that allows high school students to enroll in college-level courses offered by a college that may be academic or career technical but not remedial or developmental, and simultaneously to earn credit toward high school graduation and a postsecondary degree or certificate. Dual credit students do not pay ENMU-*Ruidoso* tuition. However, the student is responsible for any fees (institutional or class). Textbooks

are provided by the student's high school. Further information regarding textbooks should be directed to the student's high school counselor. More information may be obtained from the ENMU-*Ruidoso* Student Services office.

**Concurrent Enrollment for High School Students:** A high school student earns college credit through ENMU-*Ruidoso* while still enrolled in high school. Credits cannot be used toward high school graduation. More information may be obtained from the ENMU-*Ruidoso* Student Services office.

**NOTE:** Concurrently enrolled students typically pay for their own tuition, books, and fees but may receive scholarships to cover some or all of those costs.

**NOTE:** ECP participants are not obligated in any way to continue enrollment at ENMU-*Ruidoso* after high school graduation. Credits earned in Dual Credit and Concurrent enrollment may be applied to an ENMU-*Ruidoso* undergraduate degree only after the student applies and is admitted as a degree seeking student.

## \*\* IMPORTANT INFORMATION \*\*

- Dual Credit and Concurrent students are subject to the same rights and responsibilities and academic standards expected of all college students. All course work attempted is recorded on the student's permanent college transcript. Dual Credit grades will be included in the Legislative Lottery Scholarship GPA calculations. All courses must be taken for letter grades. The "audit" option is not allowed.
- Students are responsible for registering for classes. ENMU-*Ruidoso* makes no guarantee of availability of classes. Enrollment is on a first come-first served basis and some classes may be canceled or changed as a result of enrollment demands. The high school counselor and ENMU-*Ruidoso* must approve all requested courses.
- HPE classes and remedial classes are not approved classes for the ECP program.
- ECP students must release an official ENMU-*Ruidoso* transcript to the high school. High school credit is awarded by the high school.

**Enrollment for Students in Home Schooling:** High school students enrolled in a Home Schooling Program may be eligible to participate in the Early College Program as a concurrent student. They must provide appropriate documentation that they are registered with the state of New Mexico as a Home School student. The person validating their home schoolwork must sign as the student's counselor.

**HPE classes and remedial classes are not approved classes for the Dual Credit program.**

**Enrollment for Students in HSE Program:** Students enrolled in the HSE Program who are under the age of 18 and who wish to enroll as a concurrent student at ENMU-*Ruidoso* must take the College Skills Placement Test to show they have sufficient academic ability to perform at the level required for the courses in which they wish to enroll. Information may be obtained in the Student Services office.

## STUDENTS WITH DISABILITIES

ENMU-*Ruidoso* is committed to helping students reach their academic goals. Student Services concerns itself with maximizing the educational experience for students with disabilities. If you have a documented disability or you believe that you have a disability then please contact Research and Records (575) 257-2120, ext. 323 to schedule an appointment. If you have documentation, bring it with you to your appointment.

Eligibility for academic support services is based upon need and disability documentation.

The need for additional testing and/or additional documentation of a disability will be determined during the intake appointment. In general, the less obvious the disability, the more information needed.

A confidential file, which is not a part of the permanent student record, will contain this information. Providing the services may require communicating with appropriate college personnel who have a legitimate educational need to know about the disability in order to provide these additional services.

**How soon can I start receiving services?** Once approved, most services can begin immediately. However, students are expected to make timely and appropriate disclosures to make their needs known. Delays may result from missing, incomplete or outdated documentation and from unclear or untimely requests.

## STUDENT'S RIGHTS, RESPONSIBILITIES & EXPECTATIONS

Student's Rights and Responsibilities may serve as a policy statement for problems that develop between a staff or faculty member and a student. Usually a conflict is the result of a simple misunderstanding of what is expected from the other person. Direct communication between the student and the staff or faculty member will usually resolve these matters. The following regulations incorporate a definition of Student's Rights and Responsibilities and both formal and informal means of due process and conflict resolution.

### STUDENT'S RESPONSIBILITIES

- Responsible for selecting a program of study that is consistent with his/her interests, skills and abilities.
- Responsible for selecting courses that are consistent with his/her program objective and readiness levels.
- Responsible for enrolling in a schedule of courses in accordance with the time and effort allocated to academic requirements.
- Responsible for being punctual and attending classes.
- Responsible for being attentive and for appropriately participating in class activities.
- Responsible for completing all class assignments as directed by the instructor.
- Responsible for consulting with the instructor as soon as possible if problems arise.

- Responsible for complying with official announcements.
- Responsible for seeking appropriate support services, to improve his/her level of academic achievement and to enhance the quality of College life.
- Responsible for behaving in a humane, ethical and unbiased manner both in the classroom and in all communication and contact with the instructors, staff members and other students.

### STUDENT'S RIGHTS

ENMU-*Ruidoso* students have the right:

- Of access to scheduled class meetings and appropriate instructional and support services.
- To a syllabus describing course objectives; evaluation procedures; major course requirements such as term papers, book reviews, field trips and reports; and rules of attendance, grading and conduct.
- To have instruction that begins promptly; is presented in a clear concise manner; and provides relevant, structured activities consistent with the contact hour requirement of the course.
- To be treated in a humane, ethical, fair and unbiased manner, both in the classroom and in all communication and contact with the instructor.

### RELEASE OF STUDENT INFORMATION POLICY

Students with outstanding balances or in violation of college non-academic regulations may have transcripts or statements of student status withheld.

Students may contact Student Services regarding disclosure of student data in compliance with Family Educational Rights and Privacy Act (FERPA).

### FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

The Family Educational Rights and Privacy Act of 1974 give students certain rights regarding their records:

- A. To inspect records in their files.
- B. To petition to change their records upon proof of error.
- C. To only release student records with the student's written consent except:
  1. To school officials who have a legitimate educational interest in the records.
  2. To officials of another school, upon request, in which a student seeks or intends to enroll.
  3. To certain officials of the U.S. Department of Education, the Comptroller General, and state and local educational authorities in connection with certain state and federally supported education programs.
  4. In connection with a student's request for or receipt of financial aid, as necessary to determine the eligibility, amount or conditions of the financial aid, or to enforce

the terms and conditions of the aid.

5. If required by a state law requiring disclosure that was adopted before November 19, 1974. To organizations conducting certain studies for or on behalf of the educational institutions to:
    - a. Develop, validate, or administer predictive tests.
    - b. Administer student aid programs; or
    - c. Improve instruction.
  6. To accrediting organizations to carry out their functions.
  7. To comply with a judicial order or a lawfully issued subpoena.
  8. To appropriate parties in a health or safety emergency.
  9. To the alleged victim of any crime or violence, the results of any institutional disciplinary proceedings against the alleged perpetrator of that crime.
  10. Information to the parent or legal guardian regarding a student's violation of any law or institutional rule or policy governing the use or possession of alcohol or a controlled substance if the student is under 21 and the institution determines that the student has committed a disciplinary violation.
- D. To have directory information withheld (Directory information includes: name, local and permanent mailing addresses, e-mail addresses, telephone number, date and place of birth, most recent previous school attended, major field of study, classification, date of attendance, honors awarded, degrees and dates conferred, participation in officially recognized activities and sports, weight and height of members of athletic teams). Requests for withholding directory information are to be made by completing the proper form, which must be filed at Student Services for each enrollment period (fall, spring and summer) within the first two weeks of the fall or spring semester and the first week of an interim or summer session.

## ATTENDANCE

Each student is expected to attend all class sessions of each course for which he/she enrolls. Faculty members will establish and state in the syllabus the attendance, grading and make-up policies for their courses. It is the responsibility of the student to adhere to the policies of the instructor.

Participation in sponsored College activities is considered to be authorized absences. However, students are responsible for communicating the absence to their instructor(s). Sanctioned activities are those which have been approved in advance by the Vice President of Student Learning.

Participation in sponsored activities does not relieve the student of the obligation to meet the stated requirements of the course. It is the responsibility of the student to make arrangements with the instructor for any make-up work. Arrangements for make-up work will be made in advance of the absence.

## ACADEMIC INTEGRITY

Students are responsible for achieving academic and course goals and objectives as prescribed by their instructors and for demonstrating attainment in an honest manner. Failure to do so may result in two different outcomes. Misrepresentation of knowledge can influence a course requirement. Cheating, plagiarism or other acts of academic dishonesty compromise the integrity of the academic process and community and are subject to disciplinary action. An act of academic dishonesty may result in both grade changes and/or disciplinary action.

**Cheating:** Cheating behavior includes but is not limited to:

- Dishonesty of any kind on examinations, quizzes, written assignments and projects.
- Unauthorized possession of examinations, quizzes or instructor records.
- Use of unauthorized notes or information during an examination or quiz exercise.
- Obtaining information during an examination or assignment from another individual and/or assisting another to cheat.
- Alteration of grades on an examination or assignment or on instructor or College records.
- Illegal entry or unauthorized presence in an office of the College or residence of an instructor or unauthorized access to grade records or examination and assignment requirements.

**Plagiarism:** Plagiarism includes but is not limited to:

- Offering the work of another as one's own;
- Offering the work of another without proper acknowledgment; and/or
- Failing to give credit for quotations or essentially identical expression of material taken from books, encyclopedias, magazines, other reference works, term papers, reports or other sources of another individual.

**Penalties for Academic Dishonesty:** It is the responsibility of instructors to determine what constitutes academic dishonesty and identify its occurrence. Although the following procedures represent potential penalties for academic dishonesty, instructors have the responsibility to enforce policies distinct to their classes programs, and/or academic departments. Students should refer to individual course syllabi for instructors' policies regarding Academic Dishonesty.

Any student aiding another student in academic dishonesty will be potentially subject to the following actions. Students who help other students cheat, plagiarize or perform other acts of academic dishonesty are as responsible as the students who take and use the information. Written records documenting academic dishonesty, provided by the instructor, will be added to the student's permanent file in Research and Records.

For the offense of academic dishonesty, one or all of the following actions may be taken:

- The student will receive zero credit for the assignment(s).



- The student, if enrolled in an online course not already requiring monitored testing, will be required to complete assessments in a proctored environment approved by the instructor. It is the student's responsibility to find an eligible proctor.

- The student will sign, and thereby agree to, a written statement listing the consequences for further acts of academic dishonesty either in the current course or any other courses taken at ENMU-*Ruidoso*. \*

*\*If a student is involved in a second act of academic dishonesty, determined by review of the student's Admissions and Records file by the Vice President of Student Learning, the case will be forwarded to the Academic Council. The Council will review the prior and current acts of academic dishonesty and assign appropriate penalties. Student appeals of the Academic Council ruling should be directed to the Vice President of Student Learning.*

- The student will be removed from the course in which the infraction occurred and will receive a semester grade of F. **NOTE:** *Avoiding a grade of F through a withdrawal will not be allowed.*
- The student will be administratively withdrawn from all coursework for the remainder of the semester except the course in which the infraction occurred where a grade of F will be assigned.

*\*An instructor can request that a student be removed from his or her class by petitioning the Vice President of Student Learning and the President. Therefore, a student must meet with these individuals if a faculty member requests that the student be suspended from the College.*

**Appealing Academic Dishonesty Penalties:** The student may appeal ENMU-*Ruidoso* academic penalties to the ENMU-*Ruidoso* Academic Council. The appeal should be in the form of a written letter stating the student's description of the events, his or her role and why the enforced penalties should be overturned.

The appeal letter must be turned into Student Services within 5 school days after the academic penalties are applied. The Academic Council will assemble and provide a ruling within 12 working days of receiving the letter. To obtain a clear understanding and accurate ruling, the Council will request the faculty member's version of the events, in either written or verbal form; and may request to speak with the student in person. While the appeal process is taking place, the course instructor reserves the right to deny the student access to the class. However, if the academic penalties are overturned, the instructor must provide the student the opportunity to complete missed assignments.

Student appeals of the Academic Council rulings should be directed to the Vice President of Student Learning. **NOTE:** *If a suspension from the College stands, the student must appeal again to the Academic Council to be readmitted prior to the start of the next semester.*

## SCIENCE LABORATORIES

Students participating in laboratory courses should be aware that such participation may expose them to contact with a variety of chemicals. Students should adhere to the rules of the laboratory to

ensure the safety of everyone involved in the laboratory. The effects of such chemicals and/or their fumes upon the human embryo and fetus are often unknown and may be harmful. Students who are pregnant should consult with a physician before enrolling in laboratory courses.

## DRUG-FREE CAMPUS

ENMU-*Ruidoso* is a drug-free campus. Drug and alcohol abuse on campus poses a serious threat to the health and welfare of faculty, staff, and students; impairs work and academic performance; jeopardizes the safety and well-being of other students and members of the general public; and conflicts with the responsibility of ENMU-*Ruidoso* to foster a healthy atmosphere for the pursuit of education and service.

The unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited on the premises of ENMU-*Ruidoso*, including but not limited to its campus grounds, facilities, vehicles, or any activity held on campus premises. As a condition of enrollment, any student of ENMU-*Ruidoso* shall abide by the terms of the Drug-Free Campus Policy.

## LEGAL SANCTIONS

Legal sanctions will be in accordance with applicable state laws and local ordinances. Students and employees engaged in unlawful possession, distribution or use of controlled substances may also be subject to expulsion or termination of employment and referral for prosecution for violations of the standards of conduct.

## SMOKE-FREE CAMPUS

ENMU-*Ruidoso* is a tobacco- and vapor-free college; therefore, the use of any form of tobacco, electronic and/or vapor cigarettes are prohibited in the College buildings and vehicles.

## REQUIRED SUPERVISION OF MINORS ON CAMPUS

Minors under the age of 18 must be accompanied by an adult unless enrolled in a course, an approved activity, or has legitimate business with ENMU-*Ruidoso*. In addition, minors are not allowed in the classroom or on campus while the responsible adult is attending courses. The responsible adult must provide appropriate supervision, even if this means the adult must leave class and the campus.

## COLLEGE SKILLS

### PLACEMENT TEST (Accuplacer)

The Community Education office offers free testing services for both college students and individuals in the community. The College Skills Placement Test is an assessment tool designed to provide placement, advisement and guidance information and helps students determine their skill levels in Reading, English, and Math. It is **not** pass/fail. It is a tool in which advisors will assist students in selecting the appropriate classes based on their placement test results. The test will be administered to all entering students enrolling in college classes with

the following exceptions:

- Students who have already earned a minimum of 30 hours of college credit, which must include English and mathematics, are exempt from the placement test.
- Students with fewer than 30 hours of college credit who transfer with a passing grade in freshman level courses in English and mathematics are exempt from those portions of the placement test, but will be required to take the reading portion of the test.
- Non-degree students are not required to take the placement test. However, they are *strongly encouraged* to take the placement test prior to enrolling for classes in English and/or mathematics. Students who change their status from non-degree to full-time or degree seeking will be required to take the placement test.

Appointments to take the tests may be scheduled by contacting Community Education at 257-3012 or 800-934-ENMU (3668). A valid photo ID must be presented in order to take the placement test. Students may study for the placement test. The placement test can be completed in approximately 1½ - 2 hours. Students will review individual test results with advisors before enrollment to determine course selection that meets student and degree program requirements.

## PRIOR LEARNING ASSESSMENT

Special credit is credit earned through American Council of Education (ACE), ACT, Advanced Placement (AP) Examinations, CLEP, Course Challenge, Credit for Prior Learning, Dantes DSST Exams, and Military Service Credit.

- Students who are admitted to the college and have declared a major in either a certificate or degree program are eligible to participate in prior learning assessment.
- A student can earn PLA credit for multiple classes if they have relevant industry credentials, experience or knowledge. In order to complete a degree at least 15 of the total credits must be earned in courses taken at ENMU-Ruidoso. Credits earned through prior learning assessment are never considered part of the residency requirement.

Fees are charged for review and administrative costs. These fees apply regardless of the results of the assessment. Note: fees do not include charges for individual national for credit examination programs.

PLA Assessment Fees per Certificate or Degree Program:

- CPL for industry credentials- \$50.00 one-time fee.
- Course challenging- \$50.00 fee per course.
- National for-credit examination programs (example CLEP) - \$25.00 fee per course.

## ADVANCED PLACEMENT (AP) EXAMINATIONS

Students may earn college credit from successful completion of Advanced Placement (AP) Examinations. Credit may be awarded to entering freshmen who complete AP examinations before registering in the first semester. AP credit will be accepted for transfer students as recorded on official transcripts from accredited colleges.

ENMU Advanced Placement			
	AP Exam Score Level	Sem. Hrs.	ENMU Course Equivalent
<b>Art History</b>	3 4,5	3 6	Art 165 Art 165 and 166
<b>Biology</b>	4,5	4	BIOL 113/L
<b>Chemistry</b>	4,5	4	CHEM 151/L
<b>Computer Science</b>			
A	3 4,5	3 6	CS 123 CS 123 and CS 234
<b>Economics</b>			
Microeconomics	3,4,5	3	ECON 222
Macroeconomics	3,4,5	3	ECON 221
<b>English</b>			
Language & Composition	3,4,5	3	ENG 102
Literature & Composition	3 4,5	3 6	ENG 102 ENG 102 & ENG 211
<b>French</b>			
Language and Culture	4 5	8 7	FR 101 and 102 FR 102 and 201
<b>German</b>	3 4,5	4 6	Lower Division language elective Lower Division language elective
<b>Latin-Vergil</b>	3 4.5	4 6	Lower Division language elective Lower Division language elective
<b>Government &amp; Politics</b>			
United States	4,5	3	PSCI 02
Comparative	4,5	3	PSCI 207
<b>History</b>			
United States	4,5	6	HIST 101 and 102
European	4,5	6	HIST 121 and 122
<b>Mathematics</b>			
Calculus AB	3 4,5	4 8	MATH 124 MATH 124 and 132
Calculus BC	3 4,5	8 12	MATH 124 and 132 MATH 124, 132, and 202
<b>Physics</b>			
B	3 4,5	4 8	PHYS 151/L PHYS 151/L & 152/L
C	3 4,5	4 4	PHYS 151/L PHYS 151/L
(mechanics)	4,5	4	PHYS 151/L
(electricity & magnetism)	4,5	4	PHYS 151/L
<b>Psychology</b>	3,4,5,	3	PSY 101
<b>Spanish</b>			
Language	4 5	8 7	SPAN 101 and 102 SPAN 102 and 201
Literature	4 5	8 7	SPAN 101 and 102 SPAN 102 and 201
<b>Statistics</b>	3,4,5,	4	STAT 213

For students who take both the language and literature tests and earn a 4 or higher on both tests, 11 credits will be awarded, SPAN 101, 102, and 201.

## ACT CREDIT EXAMINATION PROGRAM

ENMU- *Ruidoso* will accept up to 9 hours of credit for:

ACT Course	Credit Score	Applied	To
English	31	3 hours	ENG 102
Math	31	8 hours	MATH 104 and 113

- Credit is given to beginning or transfer freshmen who take the ACT examination *before* their first registration at ENMU- *Ruidoso*. High school students participating in the early admission program must have taken the examination before the first full-time registration. Credit is awarded only after successful completion of twelve (12) or more credit hours at ENMU- *Ruidoso*.
- Any credit earned through CLEP and ACT must be mutually exclusive. For example, a student cannot earn three (3) hours of English credit through ACT and another three (3) hours of credit for English through CLEP. The total number of credits accepted from any combination of ACT, AP, CLEP, Challenge, Validation of Credit, and Military Service Credit. Contact Student Services for further details.

## CHALLENGE EXAMINATIONS IN ACADEMIC PROGRAMS

Regularly enrolled students at ENMU- *Ruidoso* have the option of passing a course in their degree plan by challenge examination without class attendance. A challenge examination may take the form of tests, projects, writing assignments and other measures of course competency. To arrange a challenge examination for credit, the student must obtain and complete the following:

1. The Course Challenge Form from Student Services confirming that the student (1) has not previously enrolled in the course for credit or audit and (2) has a cumulative GPA of 2.5 or higher.
2. Agreement of an instructor currently teaching the course to complete the administration of the course challenge by the last day of the semester.
3. Approval by Department Chair and Vice President of Student Learning.
4. Proof of payment prior to taking the examination: the fee is nonrefundable.
5. Signatures of the (1) Student, (2) Instructor, (3) Department Chair and (4) Vice President of Student Learning.

Once the Vice President of Student Learning has returned the completed form to the Instructor, a separate course reference number is created. In order for the faculty member to administer the challenge, the student must present a completed Challenge Request including proof of payment to the instructor. If the student receives a grade of "C" or higher after completing the course challenge, the course

will appear on the transcript with a CRE designation. If the student receives lower than a "C", no entry will be made on the transcript, and the student will have the option of registering for the course in any subsequent semester. A maximum of 21 credits may be earned through course challenging.

## COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

ENMU- *Ruidoso* participates in the college Level Examination Program of the college Entrance Examination Board under the following provisions:

- Up to 6 credit hours in each of the five CLEP General Examination areas may be established for scores at or above the 50<sup>th</sup> percentile on the examinations. (Credit will be assigned to specific courses not to exceed 30 hours and not to exceed 32 hours when combined with ACT, AP, Course Challenge, Military Service Credit, and Validation of credit).
- CLEP subject area examinations will be considered individually and accepted at the 50<sup>th</sup> percentile.
- ENMU- *Ruidoso* will accept transfer CLEP subject credit without consideration of the percentile or score accepted by the transferring institution.
- CLEP credit cannot be used to establish credit for a course in which an "F" grade has been recorded.
- CLEP credit will not be awarded if a student has received college credit for the same course or its equivalent.
- The evaluation and recording of CLEP credit will be once each semester. Official test reports must be sent by the testing organization to the Office of the Registrar.

Credit will be awarded to students who have earned at least 12 semester hours of credit on an ENMU campus.

General Examinations	Cut off Score	Hours	ENMU Course Equivalent
<b>College Composition</b>	50	3	ENG 102
<b>Humanities</b>	50	6	ENG 202
<b>College Mathematics</b>	50	6	MATH 107 & MATH 113
<b>Social Science &amp; History</b>	50	3	Transcript credit for general Education, Social Studies Only
Subject Examinations			
<b>Biology</b>	50	4	BIOL 113/L B
<b>Business Law, Introductory</b>	50	3	BUS 230
<b>Calculus</b>	50	4	MATH 124 I
<b>Pre-Calculus</b>	50	3	MATH 119 C
<b>Chemistry</b>	50	8	CHEM 151/L & 152/L
<b>College Algebra</b>	50	3	MATH 119
<b>College Composition</b>	50	3	ENG 102
<b>Educational Psychology, Intro to</b>	50	3	Psychology elective TPS/Intro to Educational Psychology



<b>Financial Accounting</b>	50	3	ACCT 201
<b>French Language</b>	50	8	FR 101 & 102
<b>German Language</b>	50	8	Lower-division selective in modern language credit
<b>History of USA I</b> (Early Colonization in 1877)	50	3	HIST 101
<b>History of USA II</b> (1865 to present)	50	3	HIST 102
<b>Human Growth and Dev.</b>	50	3	PSY 201
<b>Information Systems &amp; Computer Applications</b>	50	3	IS 293
<b>Macroeconomics, Principles of</b>	50	3	ECON 221
<b>Management, Principles</b>	50	3	BUS 293
<b>Marketing, Principles of</b>	50	3	MKT 201
<b>Microeconomics, Principles of</b>	50	3	ECON 221
<b>Psychology, Introductory</b>	50	3	PSY 101
<b>Sociology, Introductory</b>	50	3	SOC 101
<b>Spanish Language</b>	50	8	SPAN 101 & 102
<b>Spanish Language</b>	50	7	SPAN 102
<b>Western Civ. I: Ancient Near East to 1648</b>	50	3	HIST 121
<b>Western Civ II: 1648 to present</b>	50	3	HIST 122

\*Credit will be granted only for CLEP exams on this list.

## DANTES OR DSST

A form of prior learning assessment, DANTES or DSSTs offer students a cost effective, time saving way to use their knowledge acquired outside of the classroom (perhaps from reading, on-the-job training, or independent study) to accomplish their educational goals. For more information go to <http://www.dantes.doded.mil/> or <http://getcollegedcredit.com/>.

ENMU DSST (Dantes)			
Examination Title	Cut off Scores for Credit	Hours	ENMU Course Equivalent
<b>Business, Introduction to</b>	46/400	3	Bus 151
<b>Civil War &amp; Reconstruction, The</b>	47/400	3	HIST 293
<b>Computing, Introduction to</b>	45/400	3	IS 151
<b>Criminal Justice</b>	49/400	3	CJ 102
<b>Financial Accounting, Principles of</b>	49/400	3	ACCT 201
<b>Fundamentals of College Algebra</b>	47/400	3	MATH 107
<b>History of Vietnam War</b>	44/400	3	HIST 293
<b>Human Resources Management</b>	46/400	3	MGT 293
<b>Law Enforcement, Introduction to</b>	45/400	3	CJ 293
<b>Management Information Systems</b>	46/400	3	IS 281
<b>Money and Banking</b>	48/400	3	FIN 293
<b>Organizational Behavior</b>	48/400	3	MGT 293
<b>Statistics, Principles of</b>	48/400	3	STAT 213
<b>Supervision, Principles of</b>	46/400	3	BUS 293

**World Religions, Introduction to** 48/400 3 REL 293

\*Credit will only be granted for DSST or DANTES exams on this list.

## MILITARY SERVICE CREDIT

ENMU-*Ruidoso* accepts credit earned by United States military personnel for courses and/or military occupational specialties (MOS) as evaluated by the American Council on Education (ACE) in the Guide to the Evaluation of Education Experiences in the Armed Services. The amount of credit will not exceed 32 semester hours for undergraduates. This limit includes credit by examination (e.g., AP, ACT, CLEP, Course Challenge, DSST, and Validation Examination Credit). Military Service credit is accepted as elective credit by Research and Records. Before credit will be considered official copies of courses completed or MOS rating must be sent directly to Research and Records from a record center. If the ACE Guide does not have an evaluation on the course that a student has completed and if the course is comparable to a course offered by ENMU-*Ruidoso*, a student may take a course challenge examination. Guidelines for course challenge examinations are on page 20.

**Credit for Prior Learning:** Credits awarded from prior learning assessment will be applied to program requirements in the following manner:

1. Prior learning credits will be awarded upon approval from the Subject Matter Expert and Vice President of Student Learning.
2. Prior learning credits shall be applied to meeting degree or program requirements in the same manner as credits earned at the awarding institution.
3. Institutions may award credit for prior learning only in those courses or program areas for which they have program approval by the state.
4. Institutions shall award their own course title and number to the credit awarded. Conventional letter grades shall not be used.

## RESOURCES FOR STUDENTS

### BOOKS

Textbooks can purchased through the online bookstore in the ENMU-*Ruidoso* Portal. Please allow 4-5 days for shipping for virtual purchases. Textbooks may be charged to Financial Aid, but only up until Financial Aid has been disbursed. See Schedule of Classes for deadline to charge textbooks. If students miss the deadline that Financial Aid has been disbursed, students must setup a payment plan with the cashier. If a student drops a class, it is the student's responsibility to return the textbook(s) for refund to the online bookstore.

### CAMPUS LIBRARY & LEARNING COMMONS

The ENMU-*Ruidoso* Campus Library and Learning Commons is a one-stop center for learning resources and services. Centrally located the Learning Commons provides services for tutoring, writing support and collaborative projects. The library provides access to book, journal, film and music resources in both conventional as well as ever-expanding electronic and streaming formats. The facility also

provides computer access, printing/scanning capabilities and Inter-Library Loan services.

Professional research assistance and library instruction is available during regular library hours or by appointment. For more information on the resources and services offered by the ENMU-*Ruidoso* Campus Library, visit the Library/Learning Commons or find us online at <http://ruidoso.enmu.edu/index.php/facility-and-book-store/library>.

Contact the campus Librarian at (575) 257-3014 or 800-934-ENMU (3668).

## FACILITIES

The ENMU-*Ruidoso* campus houses various educational services including Student Services, Business Office, Virtual Bookstore, Library and Learning Commons, College Success Center, general classrooms, computer labs, science lab, construction trades lab, and hospitality and tourism labs. Classes are held in a variety of locations throughout Lincoln County. All facilities provide barrier-free access to individuals with limited physical movement.

## STUDENT SUCCESS CENTER/TUTORING

The Student Success Center of ENMU-*Ruidoso* is available to all ENMU-*Ruidoso* students with services and resources dedicated to your personal development and academic achievement. Studying is an essential aspect of academic success. It is generally recommended that for every hour spent in class, at least one hour be dedicated to studying outside of class and that amount of time will change with the difficulty of the course and development of study skills. The Student Success Center offers spaces to study, with the primary location in the Learning Commons. The development of study skills takes time and practice. Tutoring and academic coaching are available through the Student Success Center. Tutors are available daily throughout regular business hours. The Student Success Center also offers academic workshops and supplemental instruction to assist in the development of study skills and reinforce classroom learning. Career presentations are another feature offered through the Student Success Center allowing students and community members to explore various professions. The Student Success Center is here for your success!

## ACADEMIC REGULATIONS

### POLICIES AND PROCEDURES

**Catalog of Record:** This catalog is a guide to the academic regulations and the curricula of ENMU-*Ruidoso*. Each student is responsible for complying with all regulations of the College and of the curricular program he/she selects.

Students may graduate under the curricular requirements established in the catalog either for the year in which they were first enrolled at ENMU-*Ruidoso* or for a subsequent year of enrollment according to the following provisions: (1) the degree is conferred within six years from the end date of the catalog from which the student was enrolled, (2) the student has been continuously enrolled, (3) all curricular

requirements are governed by one catalog, and (4) the College can reasonably continue to offer the course of study.

If a student is readmitted to the College following an absence of no more than two regular semesters, the student may petition the department chair and Vice President of Student Learning for permission to stay within his or her previous catalog of record. If the student is readmitted to the College following more than two regular semesters, the catalog of record will be changed to the readmit year.

Colleges have the authority to extend the six years for part-time students who are continuously enrolled. A memorandum must be submitted to Student Services with the approval from the Vice President of Student Learning. Curricular requirements are established by the College and include general education courses as well as specific discipline requirements. Each student's degree program is individually planned following catalog guidelines and advisor recommendations.

New catalogs are effective the fall term of the year in which they are published. Students may continue to use the courses (or appropriate course substitutions) and program requirements of the catalogs used at matriculation. Academic standards and regulations, however, introduced in new catalogs apply to all students. Thus, probation and suspension regulations, specific GPA requirements, etc., apply to all students.

The College may make changes and exceptions to the curricular and academic policies provided that administrative and governance procedures are followed and that affected students are given reasonable opportunity to petition for exceptions.

## CAPP DEGREE EVALUATION

CAPP Degree Evaluation is the acronym for Curriculum, Advising and Program Planning, and it tracks a student's progress toward completion of their degree requirements. CAPP is an unofficial evaluation, used as a tool for students and advisors to check progress toward graduation and Research and Records will confirm eligibility for graduation by using the student's catalog of record along with CAPP. CAPP searches through in-progress courses, transfer credits and courses taken at ENMU-*Ruidoso* to find courses that match the degree requirements. CAPP is broken down into areas that include the Institutional/Related Requirements, General Education Requirements, and your major requirements.

It is the student's responsibility:

1. To read and follow degree requirements established in this catalog
2. Initiate changes and substitutions regarding his or her advisor assignment, major and other degree requirements
3. To review with his/her advisor the coursework required for graduation
4. To apply for graduation at student services.

Degree programs include general requirements for degrees that must be fulfilled by all certificate and associate recipients, as well as specific

requirements defined within the college, school and department curricular offerings. The general requirements include the “General Education Requirements,” which are curricular plans that the faculty believe will lead each student to a broad and general level of knowledge and understanding. Students may petition their advisors, the department chair and Vice-President for Student Learning for substitutions and exceptions to curricular requirements.

Exceptions to Institutional/Related requirements must be approved by the Vice President of Student Learning.

The College will not necessarily honor errors made in the recording of degree plan requirements in conflict with catalog requirements and for which advance approval has not been obtained. However, the College will attempt to resolve the conflict.

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## ASSOCIATE DEGREES AND CERTIFICATES

ENMU-*Ruidoso* is authorized to award the Associate of Arts degrees (A.A.), the Associate of Science degrees (A.S.), the Associate of Applied Science degrees (A.A.S.) and Certificates of Completion and Occupational Training. Programs of study leading to an associates degree require completion of a minimum of 60 credit hours.

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## FRESHMEN SEMINAR

Freshmen Seminar (UNIV 101) is a three credit-hour, graded orientation course that is required for all associate degree programs. Taken during the first semester of enrollment, it helps students transition successfully to college as they discover the resources available to them at ENMU-*Ruidoso*. It supports academic success by actively involving students in their learning process while strengthening skills, broadening horizons and developing academic and social independence. Students learn new skills, practice time management, and discover their preferred learning styles. ENMU-*Ruidoso*’s Freshman Seminar has been developed based upon national models for successful practices and is taught by faculty and professional staff. Suggested Co-Requisite: English or Reading.

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## NUMBERING OF COURSES

Courses at ENMU-*Ruidoso* are typically numbered according to classification of freshman or sophomore. Acceptance as transfer credit at another institution is at the discretion of the receiving institution. Students should select courses that meet degree requirements and that satisfy pre-requisites for future classes. Permission to do otherwise must be secured from Student Services.

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## ACADEMIC CREDITS

An academic credit, called a “credit hour,” is the equivalent of one 50-minutes “contact hour” (instructor to students) per week for 16 weeks. All courses are recorded in terms of academic credit hours. Courses that include laboratory work specify the number of lab hours that are required weekly. For self-paced courses or those that involve field experiences, credit hour value is not determined by the number of class meetings.

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## STUDENT COURSE LOAD

A full-time course load is 12-18 credit hours during a regular (16 week) semester, 6-10 credit hours during an eight-week summer session, and 4-6 credit hours during a four-week session. A student may take no more than 10 credit hours within a four-week session. Overloads must be approved by the student’s advisor and the Vice President of Student Learning. Students who register for fewer than 12 credit hours in a regular semester or 6 credit hours in the summer are considered part-time.

For Financial Aid purposes, 12 credit hours are full time for fall, spring, and summer.

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## CLASSIFICATION OF STUDENTS

Student classification is based upon the following standard of credit hours earned:

· Freshman	0-29
· Sophomore	30-59
· Junior	60-89
· Senior	90+

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## ENROLLMENT FOR NON-CREDIT (AUDIT)

Any student may enroll for a particular course or courses for no credit while concurrently enrolled for other courses for credit. Class attendance and participation requirements for a non-credit student are to be individually determined by the instructor of the course. Students may change their enrollment from credit to non-credit or from non-credit to credit only during the drop/add period as established in the college calendar. Courses taken for non-credit will appear on the student’s transcript as “AU” with no credits recorded and no grades assigned. Tuition and fees are the same for students enrolled for non-credit as for students enrolled for credit.

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## ATTENDANCE POLICY

Attendance is expected at all sessions of each course for which the student is enrolled; the responsibility of attendance is placed on the student. Faculty members will establish and state in the syllabus the attendance, grading and make-up policies for their courses. Faculty members are not responsible for withdrawing students who do not attend courses.

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## GRADE REVIEW POLICY

The principle of academic freedom dictates that a faculty member is responsible for and has authority over grades which he/she assigns and the criteria by which the student is evaluated. However, the College has developed a grade review procedure which allows for an objective review of a disputed grade. Grade review requests will not be considered after a period of one (1) calendar year following the recording of the grade on the transcript.



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## CHANGING GRADES

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Once grades are recorded in Student Services, they may be changed only if a written request justifying such a change is submitted by the instructor to Student Services. Grade change requests will not be approved after a period of one (1) calendar year from the posting of grades on the transcript.

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## GRADING SYSTEM – GRADE POINTS

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Grades are based solely upon performance. They are not based upon how difficult the subject is for the student, how much time the student must devote to the course or on the student's academic status. Above all, **grades are not negotiable.**

Grades "A," "B," "C," "D" and "F" are earned and recorded at ENMU-Ruidoso; under certain circumstances as described further in this section, grades "CRE," "I," "W," "S" and "U" may be recorded. In computing the GPA the total of credits in which the grades of "A," "B," "C," "D" or "F" have been earned is divided into the total number of grade points earned.

- A The "A" grade indicates that the work has been outstanding, the quality has been exceedingly high and more than the minimum amount of work has been done. The "A" student will demonstrate both a wider and deeper understanding of the subject than any other student. *Four grade points per credit hour.*
- B The "B" grade indicates that the quality of the work has been high; that all of the assigned work has been properly and correctly done and that classroom performance on tests, recitations, reports, etc. has been consistently well above average. The "B" student occasionally exceeds the minimum mandates of the course. This grade should identify the student who is ready for and is capable of advanced work in the same subject. *Three grade points per credit hour.*
- C The "C" grade indicates that the quality of work has been generally good, that most of the assigned work has been acceptably done and that classroom performance is quantitatively average for the class. *Two grade points per credit hour.*
- D The "D" grade indicates that the quality of the work has been poor, that the assigned work has been substandard and often incomplete (or late) and that classroom performance has been well below average. A **"D" grade will not count toward any degree requirements.** *One grade point per credit hour.*
- F The "F" grade indicates failure and is given in cases of exceptionally poor performance. *Zero grade points per credit hour.*

### I – Incomplete

The "I" grade is given for passing work that could not be completed due to circumstances beyond the student's control. The following regulations apply to "I" grades:

- In no case is an "I" to be used by faculty to avoid the assignment of "D" or "F" grades for marginal or failing work.
- The instructor will submit an "Incomplete Grade Request

Form" from Self-Service Banner (SSB).

- The work to make up an "I" must be completed by the time specified on the incomplete contract form to which the instructor and student have agreed but in no case will the time exceed beyond the next regular semester (summer does not constitute a semester for this regulation).
- Change of an "I" is accomplished by the instructor's submission of a change of grade form to Research and Records when the work has been completed.
- An "F" grade will be given for inadequate work or work not completed in a timely fashion. (In the event the student does not complete the work and no change of grade is submitted by the faculty at the end of the regular semester, the grade will automatically revert to an "F").
- A student cannot re-enroll into the course while completing coursework required under an "Incomplete Agreement".

### W – Withdrawal

"W" indicates formal withdrawal from class prior to the withdrawal deadline for each semester.

### S – Satisfactory

"S" indicates satisfactory completion of a short-term workshop or other unique course which has been designated for "S-U" grading.

### U – Unsatisfactory

"U" indicates unsatisfactory work in a short-term workshop or other unique course which has been designated for "S-U" grading.

### AU – Audit

"AU" indicates that students are taking the course for no credit.

### CRE – Credit by examination

No grade points given.

At the end of each semester, students are given a grade report that lists courses taken, grades received, grade point average (GPA) for that semester and cumulative GPA. Only those courses with grade A, B, C, D or F are included in the calculation of the GPA. Grades of NC, I, S, U and W are excluded from the calculations but are included on the grade report.

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## REPEAT OF COURSE

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A course may be repeated to replace a grade earned in it. The following regulations will apply:

- The original and any repeat courses must be from an ENMU campus (Portales or Ruidoso).
- A course of one type may never be repeated by a course of another type, e.g., a directed study for a regularly scheduled classroom course, etc.
- All course enrollments and grades will appear on the transcript but only the highest grade earned will be used to

calculate the grade point average. Where there is a difference of hours of credit or of course number level, the value of the repeat course with the highest grade will be used for the purpose of calculating the grade point average and in determining the satisfaction of degree requirements.

- A grade of "I" for a repeat course will not replace a previous grade.
- Withdrawal from a repeat course shall cause the repeat to be canceled and the previous academic record shall remain valid. The student may choose to repeat the course again after the withdrawal.

Courses that are allowed to be repeated may be viewed in the course description part of the catalog.

## **DROP/ADD**

A student may change his/her registration by adding and/or dropping courses within the deadlines set in the College class schedule. Students may drop and/or add courses within the deadlines set, by logging into MyENMU at [www.enmu.edu/myenmu](http://www.enmu.edu/myenmu). A course dropped during the appropriate time period will not appear on the student's transcript.

All exceptions to these policies must be approved by the Communication and Student Services Director.

## **COURSE WITHDRAWALS**

A student may change his/her registration by adding and/or dropping courses or by withdrawing from a course within the deadlines set in the ENMU- *Ruidoso* Class Schedule. A course dropped during the appropriate period will not appear on the student's transcript. A course withdrawal during the appropriate period will appear on the student's transcript with a grade of "W."

Refunds will be made for withdrawals according to the refund schedule printed in the class schedule. In a variable credit course, all hours must be dropped or withdrawn, not just a portion of them. All exceptions to these policies must be approved by the Vice President of Student Learning. **Depending on the date of withdrawal and the corresponding refund schedule, students may be required to repay part or all of any financial aid or scholarship monies.**

**Complete Withdrawal from the College:** A student may completely withdraw from the College within the deadlines set in the College class schedule. Students who will be withdrawing from the College are strongly encouraged to contact Student Services and speak with an advisor. Grades will be posted for students who do not go through official withdrawal. A student who is forced by emergency circumstances to leave the college without officially withdrawing should notify Student Services. In the event the student is unable to make such a call, the parents or guardian may do so on the student's behalf. Refunds will be made according to the tuition and fees as set in the College class schedule.

**Request Course Drop/Withdrawal or a Complete Withdrawal from the College after the Deadline:** The College has established deadlines

in order to conform to statewide enrollment reporting requirements. Deadlines have also been established to ensure that students make timely and effective decisions regarding their course work and progress toward degree completion and **protect their financial aid eligibility status**. A request to add, drop or withdraw from a course or to completely withdraw from the College after the deadline can only be honored in **extreme circumstances**, and such requests must be accompanied by **appropriate documentation**. **The form can be requested from Student Services.**

The completed form must be returned with the following documentation to Student Services.

- Statement of the student's extreme circumstances.
- Appropriate documentation.
- Student's signature (on form or by using the student's enmu.edu email address).

All documentation will be reviewed by the Vice President of Student of Learning. If drop or withdrawal receives Vice President of Student Learning approval, Student Services will process the withdrawal. If denied the student may appeal to the President's Office.

## **WARNING, PROBATION AND SUSPENSION**

Students are expected to maintain a good academic standing throughout their college careers. An institutional GPA of 2.0 or above is required to graduate, and the College offers special assistance to those failing to maintain good academic standing. Students not in good academic standing may be placed on warning, probation or suspension.

**Academic warning** applies to first-time freshman students who, at the end of their first enrollment at ENMU- *Ruidoso* (summer semester or fall semester), have an earned GPA of less than 2.0. Students placed on academic warning must successfully participate in an academic intervention program to assist them in achieving good academic standing. Students who do not raise their cumulative and semester GPAs above 2.0 in the next term will be placed on academic probation. Academic warning applies only to students with fewer than 17 earned credit hours.

**Academic probation** applies to students with 17-29 earned credit hours with a semester GPA of 2.0 or higher, but an ENMU- *Ruidoso* institutional GPA **below 2.0**. Students placed on probation must successfully participate in an academic intervention program to assist them in achieving good academic standing. Students who do not raise their cumulative and semester GPAs above 2.0 in the next spring, fall, or summer session will be placed on academic suspension. Students placed on probation will remain on probation until they achieve good academic standing (cumulative and semester GPAs of at least 2.0) or are suspended.

**Academic suspension** applies to students with 30 or more earned credit hours who have a semester GPA below 2.0 and have been on academic probation for one semester.

Hours	Academic Standing	
0-16	Warning	ENMU GPA is below 2.0 following first enrollment period (summer, fall or spring). Student is placed on academic warning
	Probation	New student admitted on academic warning who fails to raise the ENMU cumulative GPA to 2.0 and to earn a semester GPA of 2.0 is placed on probation
17-29	Probation	ENMU cumulative GPA is below 2.0; student's semester GPA is 2.0 or above. Student is on Probation
	Suspension	Admitted on probation, the student's ENMU cumulative and semester GPAs are below 2.0 OR ENMU GPA is below 2.0 after one semester on probation
30+	Probation	ENMU cumulative GPA is below 2.0; student's semester GPA is 2.0 or above
	Suspension	ENMU cumulative GPA is below 2.0; student's semester GPA is below 2.0 following one semester of academic probation

The first suspension will result in a suspension for one **regular** semester (fall or spring). A second academic suspension will result in a suspension of **two regular** semesters. Upon a third academic suspension, the student is permanently suspended from the college and is not allowed to re-enroll at ENMU-*Ruidoso* for a minimum of five years and with the Vice President of Student Learning approval.

Students who have completed the mandated suspension period must go to Student Services as the first step in the re-instatement process and are subject to any enrollment restrictions stipulated by that office. Students may be required to complete an Action Plan for Success. Students will write a reinstatement letter to the Communication and Student Services Director. Students may be required to take a part-time course load to prove the student is capable of successfully completing courses.

Students may petition for a waiver of the mandated suspension period based on extenuating circumstances. Such students must submit a written appeal to the Communication and Student Services Director. Student may be placed on a suspension waiver with specified conditions of enrollment. These conditions may include a required GPA, repeat of certain courses or other appropriate requirements. *Failure to meet the conditions of the suspension may result in disenrollment, further suspension or denial of re-admission to the College.*

## CLEMENCY POLICY

The ENMU-Ruidoso academic clemency policy allows qualified students to redeem their academic record.

### Philosophy

Students who have attempted course work at ENMU and were not successful in their efforts, but who wish to resume their college career may, through the granting of academic clemency, exclude the poor academic record from current work.

### Criteria

To be considered for the program, a student must:

1. At the time of readmission have not attended ENMU or any of its branches for five (5) or more years; and
2. Complete the first 12 credit hours after returning with a minimum grade of "C" or better in each class taken. If more than 12 hours are attempted prior to seeking clemency, the student must earn a grade of "C" or better in each course attempted.

### Procedure

Students who meet these criterions may apply for clemency in Student Services after having successfully completed the first 12 or more credit hours with a grade of "C" or better in each class taken. No courses taken prior to the student's return will be counted in their Eastern New Mexico College institutional GPA. Courses will a grade of "D" or better will be carried forward as earned credit only and can be used to meet degree requirements. A course with a grade of "D" however, does not count in the students major or minor.

### NOTE:

1. This policy pertains to the calculation of the institutional GPSA for progress toward degree completion and does not pertain to institutional GPA calculated for graduation honors, professional certification and/or licensing (such as teacher education).
2. Students can avail themselves of this policy only once, and it is not reversible. Grades earned before clemency will continue to show on the student's record, and a statement at the time of clemency will explain the action taken.
3. The student who has already graduated may not apply for clemency.

## GRADUATION

All students expecting to complete their program of study (certificate, Associate of Arts, Associate of Science or Associate of Applied Science) must file an application for graduation before the application deadline. The application should be filed with Research and Records. Associate of Arts, Associate of Science and Associate of Applied Science graduates pay a graduation fee at the time the application is filed. The commencement ceremony for students graduating from ENMU-*Ruidoso* takes place each spring. Students wanting to participate in the commencement ceremony will need to order their cap and gown from ENMU-*Ruidoso* Research and Records. Graduation applications must be turned into Research and Records before the deadlines dates:

### Graduation Application Deadline Dates

Fall Semester: 2<sup>nd</sup> Friday in October

Spring Semester: 1<sup>st</sup> Friday in March

Summer Semester: 1<sup>st</sup> Friday in June

## GRADUATING WITH HONORS

Honors are awarded to students who complete their program with a cumulative overall GPA of 3.50 or better. Cumulative grade point averages are calculated after the last grading period prior to the student's final enrollment.



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## EARNING A SECOND ASSOCIATE DEGREE

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Students may earn more than one associate degree through ENMU-*Ruidoso*. These may be pursued concurrently by meeting the requirements of each degree. The two degrees must total at least 75 credit hours, and the second associate degree must include at least 15 hours of credit which are not applied to the first degree. The application for graduation process and related deadlines coincide with those for first degree recipients.

## TRANSCRIPTS

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There is no charge for copies of transcripts for coursework completed at ENMU; however, transcripts cannot be issued for students who have outstanding accounts with the college. The policy applies regardless of whether the debts have been discharged in any proceeding under the United States Bankruptcy Act.

## SPECIAL PROGRAMS AND SERVICES

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### ADULT BASIC EDUCATION

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Adult Basic Education Classes are offered by ENMU-*Ruidoso* throughout Lincoln County. The Adult Basic Education (ABE) Program offers classes in High School Equivalency Diploma (HSE) (High School Diploma) preparation, English as a Second Language and Citizenship. Instruction is available on an individual, self-paced basis and through scheduled classes. Completion of the HSE pretest is necessary prior to taking the HSE Examination. The HSE Examination is offered each month at the ENMU-*Ruidoso* campus.

Tutor training workshops are offered throughout the year. Call (575) 258-1730 or 800-854-4712 for the latest schedule. Additionally, the ABE program offers workplace and family literacy projects in partnership with local businesses and education organizations.

All services and materials are offered free of charge. There are full and partial college scholarships available for students who have completed an Adult Basic Education Program. For more information, please call (575) 258-1730 or 800-854-4712.

### COMMUNITY EDUCATION

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The ENMU-*Ruidoso* Community Education Program offers flexible, short-term classes for self-enrichment and lifelong learning opportunities. Whether you are interested in improving your personal well-being or developing new professional skills, we have something for everyone!

Community Education classes are non-credit classes designed for those who love to learn and develop new interests without the pressure of taking tests or receiving grades. Our goal is to offer classes that will be of interest to area residents and Lincoln County visitors.

ENMU-*Ruidoso* now offers on-line Community Education classes. All you need is access to a computer! All classes are held continuously throughout the semester. For information call: (575) 257-2120 or 800-934-ENMU (3668).

## CUSTOMIZED TRAINING

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ENMU-*Ruidoso* seeks to better serve the skill training needs of business and industry in the College's service area by designing specialized, low-cost, quality training courses which meet the specific requirements of the organization. Courses can be developed and implemented in a short period of time.

Starting dates and class times are determined by the employer's needs and can be as short as an hour or as long as required to meet the course objectives. Classes can be offered on campus or brought to your doorstep.

Regardless of age, education or experience, employees will benefit from small, individualized classes where all students share the same objectives.

Our goal is to help employers train their employees in acquiring new skills, enhance existing skills, and provide for personal and professional advancement. The costs are low; contact us for details. For more information, please call: (575) 257-2120 or 800-934-ENMU (3668).

## LIFELONG LEARNING ACADEMY

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The Lifelong Learning Academy, located in Community Education, is designed to meet the special interests of community members age 55 and over. Topics include, but are not limited to, skills for new computer users, health and nutrition, local history and genealogy topics. Class size is limited to ensure that each participant receives individual attention. Seniors 65 and over may register for college credit courses for \$5 per credit hour. Please refer to the ENMU-*Ruidoso* class schedules for registration details.

## NM WORKFORCE CONNECTION

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The NM Workforce Connection is a joint partnership of ENMU-*Ruidoso*, New Mexico Workforce Solutions (DOL) and the Region IX Education Cooperative, providing training and services for youth, students and adults. Some public supportive service benefits (mileage, child care, etc.) are available for those who qualify. Additional services include adult literacy, adult basic education and literacy classes. For more information, contact the Workforce Center offices at (575) 258-1730 or 800-854-4712.

## PRESIDENT'S HONOR ROLL

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Students enrolled for 12 or more credit hours at ENMU-*Ruidoso* whose end-of-semester GPA is 3.25 or better will be listed on the President's Honor Roll. The honor roll is prepared for the fall and spring semester only.

## PROCTORING

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ENMU-*Ruidoso* offers test proctoring services for individuals attending other colleges or universities. Testing arrangements must be scheduled in advance with the Learning Commons. Call 257-3014 or 800-934-ENMU (3668) for more information.

## GENERAL EDUCATION REQUIREMENTS

ENMU-*Ruidoso* has developed the following lists of courses, consistent with requirements of state law (Chapter 224 of the Laws of New Mexico, 1995) and Higher Education Department Rule 251 (Transfer and Articulation – General Education component) to facilitate the transfer of students between ENMU-*Ruidoso* and other accredited public institutions of higher education in New Mexico. These courses are known as the General Education Common Core. These courses, once they are successfully completed, will transfer to any accredited public institution of higher education in New Mexico and apply (except as noted below) toward the bachelor's degree program requirements.

ENMU-*Ruidoso* advises students who have identified a particular University at which they want to complete their bachelor's degree to consult the transfer guide for that institution for more detailed advice.

ENMU-*Ruidoso* advises students preparing for careers in engineering, health sciences or other profession-related fields that some of this course work may not transfer toward the general education requirements but will usually apply toward elective requirements.

## REQUIREMENTS

Courses in bold are not included in the New Mexico General Education Core Matrix but do meet general education requirements on the ENMU Portales campus. Students planning to transfer to another institution should consult the receiving institution regarding the acceptability of these courses for general education. **NOTE:** *Grade of "C" or better required for satisfactory completion in all courses.*

### Course Requirements

- I. Communicating Effectively . . . . . 9 hours  
ENG 102 (NMCCNS ENG 1113) . . . . . 3 hours  
ENG 104 (NMCCNS ENG 1123)  
**or** ENG 233 (NMCCNS ENG 2113) . . . . . 3 hours  
Selected from COMM courses below: . . . . . 3 hours  
    COMM 101 (NMCCNS COMM 1213)  
    COMM 102 (NMCCNS COMM 1113)  
    COMM 202
- II. Understanding and Applying Mathematical Principles  
(selected from courses below) . . . . . 3-4 hours  
MATH 113  
MATH 119 (NMCCNS MATH 1113)  
MATH 120 (NMCCNS MATH 1213)  
MATH 124 (NMCCNS MATH 1614)  
STAT 213 (NMCCNS MATH 2114)
- III. Science (with labs) . . . . . 8 hours  
Classes cover the scientific method and history of science, focusing on "discovery" approaches and general themes as opposed to primarily being a data-oriented class.  
**ANTH 245/L**  
**BIOL 110/L**

### BIOL 111/L

BIOL 113/L (NMCCNS BIOL1113/1111)  
BIOL 154/L (NMCCNS BIOL1223/1221)  
BIOL 155/L (NMCCNS BIOL1213/1211)  
BIOL 209/L (NMCCNS BIOL2413/2411)  
BIOL 210/L (NMCCNS BIOL2423/2421)  
BIOL 214/L (NMCCNS BIOL2513/2511)

### BIOL 216/L

### BIOL 266/L

CHEM 113/L (NMCCNS CHEM1113/1111)  
CHEM 121/L  
CHEM 151/L (NMCCNS CHEM1213/1211)  
CHEM 152/L (NMCCNS CHEM1223/1221)  
GEOL 113/L (NMCCNS ENVS1113/1111)  
GEOL 123/L  
GEOL 151/L (NMCCNS GEOL 1113/1111)  
GEOL 152/L (NMCCNS GEOL 1213/1211)

### NATR 131/L

PHYS 113/L  
PHYS 141/L (NMCCNS ASTR 1113/1111)  
PHYS 151/L (NMCCNS PHYS 1113/1111)  
PHYS 152/L (NMCCNS PHYS 1123/1121)

## IV. Social Science

(Two classes from different disciplines) . . . . . 6-9 hours

Classes focus on individual and society and an understanding of social behavior from various modes of inquiry. Classes also relate the student's own experiences to the complex, pluralistic and global societies.

ANTH/GEOG 103 (NMCCNS ANTH/GEOG 1113)

### ANTH 105

ANTH 123 (NMCCNS ANTH 2313)  
ANTH 233 (NMCCNS ANTH 2113)  
ANTH 243 (NMCCNS ANTH 2113)  
ANTH 245/L (NMCCNS ANTH 2213/2211)  
ECON 200  
ECON 221 (NMCCNS ECON 2113)  
ECON 222 (NMCCNS ECON 2123)

### FCS 221

PSCI 101 (NMCCNS POLS 1113)  
PSCI 102 (NMCCNS POLS 1123)  
PSY 101 (NMCCNS PSYC 1113)

### PSY 201

### PSY 202

SOC 101 (NMCCNS SOCI 1113)  
SOC 212 (NMCCNS SOCI 2113)  
SOC 215 (NMCCNS SOCI 2213)

## V. Humanities and Fine Arts . . . . . 6-9 hours

Courses must come from different disciplines and must include a minimum of three hours from category (a) and three hours from category (b).

- a. Fine Arts. Classes focus on creative thinking, concept of beauty, the process of expressing art and its role in culture, etc.; includes appreciation and creative applications classes.

**ART 101**

ART 131 (NMCCNS ARTS 1113)

**ART 135**

ART 165 (NMCCNS ARTS 2113)

ART 166 (NMCCNS ARTS 2123)

**ART 210****ART 231/L**

DNC 101 (NMCCNS DANC 1013)

MUS 101 (NMCCNS MUSI 1213)

MUS 113 (NMCCNS MUSI 1113)

MUS 163

THTR 111 (NMCCNS THTR 1113)

THTR 121

- b. Humanities. Classes explore traditions and thinking which shaped the Western world, various modes of analysis and varied ways people have experienced their culture and the larger world. This section includes traditional “humanities” disciplines such as history, philosophy, literature, languages and religion, but might also include classes from other disciplines.

**CDIS 144****CDIS 244****CDIS 245**

ENG 211 (NMCCNS ENGL 2213)

ENG 221 (NMCCNS ENGL 2413)

ENG 222 (NMCCNS ENGL 2423)

ENG 251 (NMCCNS ENGL 2513)

ENG 252 (NMCCNS ENGL 2523)

ENG 275

**ENG 281**

FR 101 (NMCCNS FREN 1114)

FR 102 (NMCCNS FREN 1124)

FR 201 (NMCCNS FREN 2113)

FR 202 (NMCCNS FREN 2123)

GER 101 (NMCCNS GERM 1114)

GER 102 (NMCCNS GERM 1124)

HIST 101 (NMCCNS HIST 1113)

HIST 102 (NMCCNS HIST 1213)

HIST 121 (NMCCNS HIST 1053)

HIST 122 (NMCCNS HIST 1063)

HIST 203 (NMCCNS HIST 2113)

HUM 221

HUM 222

PHIL 201 (NMCCNS PHIL 1113)

PHIL 202 (NMCCNS PHIL 1213)

PHIL 211 (NMCCNS PHIL 2113)

REL 101

REL 103

REL 107 (NMCCNS RELI 1113)

SPAN 101 (NMCCNS SPAN 1114)

SPAN 102 (NMCCNS SPAN 1124)

SPAN 201 (NMCCNS SPAN 2113)

SPAN 202 (NMCCNS SPAN 2123)

## TRANSFER AMONG NEW MEXICO HIGHER EDUCATION INSTITUTIONS

**Student Responsibility:** New Mexico’s colleges and universities have collaborated to produce guides to assist students who plan to transfer before completing a program of study. Course modules are designed to help students select courses carefully so that they may transfer with little or no loss of credit. However, planning for effective transfer with maximum efficiency is ultimately the student’s responsibility. Responsible transfer planning includes early and regular consultation with the intended degree-granting institution to assure that all pre-transfer coursework will meet the requirements of the desired degree.

### Transferable Lower-Division General Education Common Core:

Student enrolling for first-year study who have not yet selected either an academic focus or the institution from which they want to graduate are advised to take courses during the freshman year outlined in the Lower Division General Education Common Core. These courses are guaranteed to transfer to any other New Mexico public college or university and apply toward associate and baccalaureate degree program requirements. Students should consult advisors at their current institutions regarding which specific courses fit these categories.

Students preparing for careers in engineering, health sciences or other profession-related fields are advised that some of this course work may not transfer toward general education requirements but in most cases will apply toward elective requirements.

## NEW MEXICO COMMON CORE NUMBERING SYSTEM (NMCCNS)

New Mexico colleges and universities have devised a Common Course Numbering System to assist New Mexico students who are transferring between institutions within the state. The NMCCNS uses four letters and four digits. The letters indicate the subject area. The first of the four digits indicate whether the course is freshman (1) or sophomore (2). The middle two digits act as one number and indicate the sequence of the course. The last digit represents the number of credit hours assigned to the course, typically 3 or 4. All transferable courses have a New Mexico course number in parenthesis following the ENMU-*Ruidoso* course number in the New Mexico General Education Common Core and the course descriptions. The courses with the NMCCNS designation share similar course content and are directly transferable.

The New Mexico General Education Common Core (Core) is designed to include as many course options as possible. While all courses with NMCCNS will transfer, the degree plans of (1) ENMU-*Ruidoso* and (2) their selected four-year transfer institution may restrict the courses that may be used to fulfill Core requirements. Courses in the Core without NMCCNS destination may not transfer.

We encourage students to develop a degree plan with an advisor during the first semester.

### Total Associate Degree General

Education Requirements. . . . . 35-36 hours



# Welcome to ENMU-Ruidoso

*We are glad you are here!*



## MAIN CAMPUS MAP

ENMU-Ruidoso Main Campus is located at 709 Mechem Drive at the south end of the Sierra Mall near Albertsons Market grocery store.

## INSTRUCTIONAL PROGRAMS

### BOOKKEEPING/ACCOUNTING

#### Certificate of Completion

20 credit hours

The Bookkeeping/Accounting certificate program is designed to prepare students for entry into the accounting profession at positions ranging from entry-level single function, to full-charge bookkeepers. This one-year program emphasizes internal accounting procedures, preparation of financial statements and simple tax returns. Upon program completion students will be able to:

- Demonstrate the accounting skills needed to meet the demand in the industry.
- Demonstrate the accounting skills needed to obtain the designation of Certified Bookkeeper.
- Demonstrate the accounting skills needed to continue toward meeting the requirements for an Associates of Applied Science Degree in Accounting.
- Apply a basic foundation in accounting to other business functions such as economics, finance, management, and marketing.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

#### Certificate Requirements

ACCT 201 - Introduction to Financial Accounting – 4  
ACCT 215 - Certified Bookkeeping – 3  
ENG 102 - English Composition – 3  
ENG 233 - Writing for Technical Professionals – 3  
IS 151 - Basic Computer Skills – 3  
MATH 104 - Preparatory Algebra – 4  
or a higher level Math course

### BUSINESS ADMINISTRATION

#### Associate of Arts

61-63 credit hours

The Associate of Arts Degree in Business Administration is designed to give students a broad knowledge of the fundamentals of business operations. It prepares students for two alternatives: (1) to obtain technical knowledge and proficiency in basic business subjects leading to gainful employment, or (2) to transfer to a bachelor degree program granted at a four-year institution. Upon completion of the program students will be able to:

- Demonstrate the business skills needed to gain employment among a variety of business enterprises.
- Demonstrate the ability to apply the basic business functions of accounting, economics, finance, management, and marketing to become a successful business owner.
- Obtain an Associate of Arts Degree that will meet requirements toward a Bachelor of Business Administration.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

#### Institutional and Related Requirements – 7 hours

UNIV 101 - Freshman Seminar – 3

MATH 104 - Preparatory Algebra – 4

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

#### New Mexico General Education Common Core (NMGECC) – 35-37 hours

##### I. Communicating Effectively – 9 hours

Required Courses:

ENG 102 - English Composition – 3

ENG 104 - English Composition & Research – 3

COMM 101 - Interpersonal Communication – 3

or COMM 102 - Public Speaking – 3

##### II. Understanding and Applying Mathematical Principles – 3 or 4 hours

Required Course: MATH 119 - College Algebra – 4

##### III. Science – 8 hours

Recommended courses:

BIOL 154/L - General Biology I: Subcellular through Organismic Biology/Lab – 4

BIOL 155/L - General Biology II: Organismic through Supra Organismic Biology/Lab – 4

CHEM 151/L - General Chemistry I/Lab – 4

CHEM 152/L - General Chemistry II/Lab – 4

or any science with a lab listed in the NMGECC

##### IV. Social Science – 9 hours

Required Courses:

ECON 221 - Principles of Macroeconomics – 3

ECON 222 - Principles of Microeconomics – 3

and a Social Science from a different discipline listed in the NMGECC

##### V. Fine Arts and Humanities – 6 or 7 hours

###### a. Fine arts – 3 hours

Recommended courses:

ART 131 - Art Appreciation – 3

MUS 113 - Music Appreciation – 3

THTR 121 - Beginning Acting – 3

or any Fine Arts course listed in the NMGECC

###### b. Humanities – 3 or 4 hours

Recommended Courses:

HIST 101 - Survey of American History to 1877 – 3

HIST 102 - Survey of American History since 1877 – 3

HIST 121 - Survey of Western Civilization to 1500 – 3

HIST 122 - Survey of Western Civilization since 1500 – 3

SPAN 101 - Beginning Spanish – 4

or any Humanities course listed in the NMGECC

## Program Requirements – 19 hours

- ACCT 201 - Introduction to Financial Accounting – 4
- ACCT 202 - Introduction to Managerial Accounting – 4
- BUS 299 - Programmatic Capstone – 1
- IS 151 - Basic Computer Skills – 3
- IS 281 - Spreadsheets and Data Analysis – 3
- STAT 213 - Statistical Methods I – 4

## CHILD DEVELOPMENT

### Certificate of Completion

#### 20 credit hours

The certificate of completion in Family and Consumer Science/Child Development is a terminal degree designed to meet state requirements for employment in licensed day care facilities. This is one of the fastest growing employment opportunities and requires employees to continually re-certify. The courses in the Child Development program meet those requirements. The certification program requires fewer general education classes than the associate degree. Upon program completion students will be able to:

- Demonstrate knowledge of strategies for promoting safe environments for children.
- Demonstrate knowledge of the seven early childhood education competency areas.
- Demonstrate knowledge of child development from conception through age eight.
- Demonstrate knowledge of curriculum development based on social, cognitive, physical, and emotional areas of development.
- Demonstrate knowledge of methods of guiding the development of self-regulatory capacities in young children.
- Demonstrate knowledge of the dynamics of working with family members, community agencies, and other professionals to meet the needs of young children.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

### Certificate Requirements

- ECE 107 - Health, Safety, and Nutrition – 2
- ECE 265 - Guiding Young Children – 3
- ECE 280 - Family and Community Collaboration – 3
- EDF 110 - Communications for Educators – 3
- FCS 221 - Child Growth, Development and Learning – 3
- MATH 261 - Mathematics for Teaching Grades PreK-2 – 3
- SPED 203 - Assessment of Children and Program Evaluation – 3

## COMPUTER AND NETWORK SECURITY CERTIFICATION PROGRAM

### Certificate of Completion

#### 18 credit hours

This program is specifically designed to prepare and certi-

fy students as *Information Systems Security (INFOSEC) Professionals*, NSTISSI No. 4011 and CNS-  
No. 4016 Entry Level Risk Analysts or provide current Information Systems professionals with Information Systems security certification to meet the needs of current and future employer requirements. Upon completion of this program students will receive a university certification of completion and be prepared and encouraged to take the CompTIA Security+ test during the program to receive the industry certifications. Upon program completion students will be able to:



- Plan, analyze, develop, implement, maintain, and enhance information systems security programs, policies, procedures, and tools to ensure the confidentiality, integrity, and availability of systems, networks, and data.
- Implement higher-level security requirements; integrate security programs across disciplines; define security plans and policies; assess new system design methodologies to improve software quality; and institute measures to ensure awareness and compliance.
- Assess new security technologies and/or threats and recommend changes; review and evaluate security incident response policies; and develop long-range plans for IT security systems.
- Resolve integration issues related to the implementation of new systems with the existing infrastructure.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

### Certificate Requirements

- IS 131 - Computer and Security Fundamentals – 3
- IS 136 - Guide to Business Continuity and Disaster Recovery – 3
- IS 153 - Introductions (Foundations) of Information Systems/Lab – 3
- IS 253 - Firewalls and How They Work – 3
- IS 257 - Ethical Hacking, Computer and Network Defense and Counter Measures – 3
- IS 258 - Cyber Ethics, Professionalism, and Career Development – 3

## CORE CURRICULUM

### Certificate of Completion

#### 35-37 credit hours

This certificate is a transfer program designed for students who plan to transfer from ENMU-Ruidoso to a four-year institution in New Mexico upon completion of their freshman and sophomore level general educational coursework. These courses have been agreed upon by all institutions as part of the New Mexico Higher Education Department statewide common core of lower division general education.

Maximum transferability can be assured when students carefully coordinate education requirements with the four-year institution of their choice. Successful completion of the certificate will be



attained when the student can transfer to a four-year institution as a sophomore/junior. Upon certificate completion students will be able to:

- Demonstrate, analyze and evaluate oral and written communication effectively
- Demonstrate problem solving skills within the context of mathematical applications
- Demonstrate and apply scientific thinking to real world problems
- Demonstrate an understanding of self and the world by examining the content and processes used by social and behavioral sciences
- Demonstrate an appreciation for and an understanding of the arts and humanities

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

### **New Mexico General Education Common Core (NMGECC) – 35 - 37 hours**

#### **I. Communicating Effectively – 9 hours**

Required Courses:

ENG 102 - English Composition – 3  
ENG 104 - English Composition & Research – 3  
COMM 101 - Interpersonal Communication – 3  
**or** COMM 102 - Public Speaking – 3

#### **II. Understanding and Applying Mathematical Principles – 3 or 4 hours**

Recommended Courses:

MATH 113 - Liberal Arts Math – 4  
MATH 119 - College Algebra – 4  
STAT 213 - Statistical Methods – 4  
**or** any MATH course listed in the NMGECC

#### **III. Science – 8 hours**

Recommended courses:

BIOL 154/L - General Biology I: Subcellular through Organismic Biology/Lab – 4  
BIOL 155/L - General Biology II: Organismic through Supra Organismic Biology/Lab – 4  
CHEM 151/L - General Chemistry I/Lab – 4  
CHEM 152/L - General Chemistry II/Lab – 4  
**or** any science with a lab listed in the NMGECC

#### **IV. Social Science – 6 hours**

Recommended Courses:

PSCI 102 - American National Government – 3  
PSY 101 - Introductory Psychology – 3  
SOC 101 - Introductory Sociology – 3  
**or** any two Social Sciences from different disciplines in the NMGECC

#### **V. Fine Arts and Humanities – 6 or 7 hours**

##### **a. Fine arts – 3 hours**

Recommended courses:

ART 131 - Art Appreciation – 3

MUS 113 - Music Appreciation – 3

THTR 121 - Beginning Acting – 3

**or** any Fine Arts course in the NMGECC

##### **b. Humanities – 3 or 4 hours**

Recommended Courses:

HIST 101 - Survey of American History to 1877 – 3

HIST 102 - Survey of American History since 1877 – 3

HIST 121 - Survey of Western Civilization to 1500 – 3

HIST 122 - Survey of Western Civilization since 1500 – 3

SPAN 101 - Beginning Spanish – 4

**or** any Humanities course in the NMGECC

**Plus** an additional course – 3 hours:

Choose an additional Social Science (IV), Humanities or Fine Arts (V) course from the NMGECC – 3 hours

## **CRIMINAL JUSTICE**

### **Associate of Arts**

#### **60-61 credit hours**

The Associate of Arts in Criminal Justice is designed to equip graduates, whether potential and incumbent criminal justice system employees or graduates intent on transferring to a Bachelor of Arts or Bachelor Science (BA/BS) Degree program at ENMU, with a comprehensive knowledge of the governmental structures, limitations, and theoretical underpinnings of the American criminal justice system. This curriculum can serve as a terminal occupational degree program for students seeking immediate employment in the private sector or in government agencies at the local, state, or national level. The balanced liberal arts emphasis in this degree, which includes the study of law, criminal justice, social sciences, humanities, behavioral sciences, natural sciences and general education courses, can apply towards a bachelor degree in Criminal Justice or other majors at several of New Mexico's four-year state universities.

Students who have successfully completed: 1) a New Mexico Department of Public Safety basic or NMDPS-approved satellite police certification training academy or 2) the United States Border Patrol Basic Training Program (USBPI), the Federal Air Marshal Basic Training Program (FAMTP), or the Land Management Basic Police Training Program (LMPT), or 3) military occupational specialties or air force career classifications U.S. army 95B, or 31B; U.S. marine corps 5811; U.S. air force 3PO51, or 3PO91; U.S. navy master at arms, or NEC 9545 (completed NAVEDTRA 14137) will receive credit for CJ 102 and CJ 205 upon provision of an official transcript. Students who have successfully completed the New Mexico Department of Corrections correctional officer basic training academy will receive credit for CJ 102 and CJ 203 upon provision of an official transcript.

Upon program completion students will be able to:

- Describe the historical development, roles, interrelationships, and criminal justice system functions of agencies,

actors, structures, and operations of criminal justice agencies.

- Identify and describe major national measures of crime and major theories on causes of criminality.
- Explain functions of criminal laws, Constitutional limitations on laws, and application of laws in criminal courts.
- Identify current trends in crime, police techniques, offender sentencing, corrections practices, and offender reintegration.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

#### **Institutional and Related Requirements – 3 hours**

UNIV 101 - Freshman Seminar – 3

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

#### **New Mexico General Education Common Core (NMGECC) – 35 or 37 hours**

##### **I. Communicating Effectively – 9 hours**

Required Courses:

ENG 102 - English Composition – 3

ENG 104 - English Composition & Research – 3

COMM 101 - Interpersonal Communication – 3

**or** COMM 102 - Public Speaking – 3

##### **II. Understanding and Applying Mathematical Principles – 3 or 4 hours**

Recommended Courses:

MATH 113 - Liberal Arts Math – 4

**or** any MATH course listed in the NMGECC

##### **III. Science – 8 hours**

Recommended courses:

BIOL 113/L - Biology for General Education/Lab – 4

CHEM 113/L - Chemistry for Today/Lab – 4

**or** any science with a lab listed in the NMGECC

##### **IV. Social Science – 6 hours**

Recommended Courses:

PSCI 102 - American National Government – 3

PSY 101 - Introductory Psychology – 3

SOC 101 - Introductory Sociology – 3

**or** any two Social Sciences from different disciplines listed in the NMGECC

##### **V. Fine Arts and Humanities – 6 or 7 hours**

###### **a. Fine arts – 3 hours**

Recommended courses:

ART 131 - Art Appreciation – 3

MUS 113 - Music Appreciation – 3

THTR 121 - Beginning Acting – 3

**or** any Fine Arts course listed in the NMGECC

###### **b. Humanities – 3 or 4 hours**

Recommended Courses:

HIST 101 - Survey of American History to 1877 – 3

HIST 102 - Survey of American History since 1877 – 3

HIST 121 - Survey of Western Civilization to 1500 – 3

HIST 122 - Survey of Western Civilization since 1500 – 3

**or** any Humanities course listed in the NMGECC

**Plus** an additional course – 3 hours:

Choose an additional Social Science (IV), Humanities or Fine Arts (V) course from the NMGECC – 3 hours

#### **Program Requirements – 15 hours**

CJ 102 - Introduction to Criminal Justice – 3

CJ 205 - Criminal Procedures – 3

CJ 299 - Programmatic Capstone – 1

SPAN 101 - Beginning Spanish – 4

SPAN 102 - Continuation of Beginning Spanish – 4

#### **Electives – 6 or 7 hours**

## **EARLY CARE AND EDUCATION**

### **Associate of Arts**

#### **71 credit hours**

The Associate of Early Care and Education is designed to prepare the student to work with young children in a variety of day care settings and/or to prepare the student to work toward a Bachelor degree in Early Childhood Education. Upon program completion students will be able to:

- Demonstrate understanding of promoting children's health and safety through awareness, effective practices, and health education.
- Use and explain the rationale for developmentally appropriate methods that include play, small group projects, open-ended questioning, group discussion, problem solving, cooperative learning and inquiry experiences to help young children develop intellectual curiosity, solve problems and make decisions.
- Demonstrate knowledge and skill in the use of developmentally appropriate guidance techniques and strategies that provide opportunities to assist children in developing positive thoughts and feelings about themselves and others through cooperative interaction with peers and adults. Students will development, implement, and evaluate an integrated curriculum that focuses on children's development and interests, using their language, home experiences, and cultural values.
- Adapt content to meet the needs of each child, including the development of Individualized Family Service Plans (IFSP) and/or Individualized Education Plans (IEP) for children with special needs through the team process with families and other team members.

*Any student who is ineligible for state, national, or industry licensure*

sure or certification is ineligible for entry into this program.

### **Institutional and Related Requirements – 3 hours**

UNIV 101 - Freshman Seminar – 3

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

### **New Mexico General Education Common Core (NMGECC) – 35 or 36 hours**

#### **I. Communicating Effectively – 9 hours**

Required Courses:

ENG 102 - English Composition – 3

ENG 104 - English Composition & Research – 3

EDF 110 - Communications for Educators – 3

#### **II. Understanding and Applying Mathematical Principles – 3 or 4 hours**

Required Course:

MATH 261 - Mathematics for Teaching Grades PreK-2 – 3

#### **III. Science – 8 hours**

Required one Life Science and one Physical Science:

Choose a Life Science from the following:

BIOL 113/L - Biology for General Education/Lab – 4

BIOL 154/L - General Biology I: Subcellular through Organismic Biology/Lab – 4

BIOL 155/L - General Biology II: Organismic through Supra Organismic Biology/Lab – 4

Choose a Physical Science from the following:

CHEM 113/L - Chemistry for Today/Lab – 4

CHEM 151/L - General Chemistry I/Lab – 4\*

GEOL 113/L - The Geological Environment/Lab – 4\*

GEOL 151/L - Physical Geology/Lab – 4

PHYS 113/L - Survey of Physics/Lab – 4

PHYS 141/L - Astronomy/Lab – 4\*

PHYS 151/L - General Physics/Lab – 4\*

*\*see course description for MATH Prerequisite*

#### **IV. Social Science – 6 hours**

ECON 200 - Survey of Economics – 3

PSCI 102 - American National Government – 3

#### **V. Fine Arts and Humanities – 9 hours**

##### **a. Fine Arts – 3 hours**

Choose one course from the following:

ART 131 - Art Appreciation – 3

MUS 113 - Music Appreciation – 3

##### **b. Humanities – 6 hours**

Required:

HIST 101 - Survey of American History to 1877 – 3

**and** HIST 102 - Survey of American History since 1877 – 3

**or**

HIST 121 - Survey of Western Civilization to 1500 – 3

**and** HIST 122 - Survey of Western Civilization since 1500 – 3

### **Program Requirements – 33 hours**

ECE 107 - Health, Safety and Nutrition – 2

ECE 201 - Introduction to Language, Literacy and Reading – 3

ECE 220 - Professionalism in Early Childhood – 2

ECE 239 - Curriculum Development through Play: Birth-PreK – 3

ECE 239 L - Curriculum Development through Play: Birth through Pre-K Practicum – 2

ECE 240 - Curriculum Development and Implementation: Age 3 through Grade 3 – 3

ECE 240 L - Curriculum Development and Implementation: Age 3 through Grade 3 Practicum – 2

ECE 265 - Guiding Young Children – 3

ECE 280 - Family and Community Collaboration – 3

ECE 299 - Programmatic Capstone – 1

FCS 221 - Child Growth, Development and Learning – 3

MATH 262 - Mathematics for Teaching Grades 3-5 – 3

SPED 203 - Assessment of Children and Evaluation of Programs – 3

## **EMERGENCY MEDICAL SERVICES**

### **Associate of Applied Science Degree**

#### **61-66 credit hours**

The Associate of Applied Science (AAS) in Emergency Medical Services (EMS) offered by ENMU-Ruidoso is intended to provide students with the skills necessary to pursue a career as a service provider at the Emergency Medical Technician – Basic (EMT-B) or Advanced Emergency Medical Technician (AEMT) level. In addition, this degree pathway prepares students to continue training in the field of EMS and attain both certification as a Paramedic and a four year Bachelor's degree in EMS within the state.

Upon program completion students will be able to:

- Perform the duties of an EMT-B or AEMT in both clinical and operational settings
- Demonstrate competency of clinical skills at the EMT-B or AEMT level
- Identify and treat life threatening conditions according to both national and state standards of care
- Attain employment as an EMS provider in New Mexico
- Transfer to a four year university for a bachelor's degree in Paramedic, Emergency Services, or Fire and Emergency Services Administration.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

### **Institutional Requirements – 3-7 hours**

UNIV 101 - Freshman Seminar – 3

**or** UNIV 203 - Current Issues in Allied Health – 3

MATH 104 - Preparatory Algebra – 4\*

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*



## **New Mexico General Education Common Core (NMGECC) – 27-28 hours**

### **I: Communications – 9 hours**

ENG 102 - English Composition – 3  
ENG 104 - English Composition and Rhetoric – 3  
COMM 101 - Interpersonal Communications – 3  
or COMM 102 - Public Speaking – 3

### **II: Math or Science – 3 or 4 hours**

MATH 113 - Liberal Arts Math – 4  
or any Math course listed in the NMGECC  
or  
Science – 4  
Recommended courses:  
BIOL 113/L - Biology for General education/Lab – 4  
BIOL 216/L - General Botany/Lab – 4  
CHEM 113/L - Chemistry for Today/Lab – 4\*  
\*Math 104 required  
or any science with a lab listed in the NMGECC

### **III: Social Science – 6 hours**

Recommended Courses:  
PSCI 102 - American National Government – 3  
PSY 101 - Introductory Psychology – 3  
SOC 101 - Introductory Sociology – 3  
or any two Social Sciences from different disciplines listed in the NMGECC

### **IV: Fine Arts and Humanities – 6-7 hours**

- a. Fine arts – 3 hours Recommended courses:  
ART 131 - Art Appreciation – 3  
MUS 113 - Music Appreciation – 3  
THTR 121 - Beginning Acting – 3  
or any Fine Arts course listed in the NMGECC
- b. Humanities – 3 or 4 hours  
Recommended Courses:  
HIST 101 - Survey of American History to 1877 – 3  
HIST 102 - Survey of American History since 1877 – 3  
HIST 121 - Survey of Western Civilization to 1500 – 3  
HIST 122 - Survey of Western Civilization since 1500 – 3  
SPAN 101 - Beginning Spanish – 4  
or any Humanities course listed in the NMGECC

### **Plus an additional course – 3 hours:**

Choose an additional Social Science (IV), Humanities or Fine Arts (V) course from the NMGECC – 3 hours

### **Program Requirements – 31 hours**

BIOL 109 - Survey of Anatomy & Physiology for Allied-Health – 3  
EMS 101 - Basic Life Support Provider (CPR) – 1  
EMS 111 - Emergency Medical Services Basic – 6  
EMS 111L - Emergency Medical Services Basic Lab – 5  
EMS 175 - Advanced Emergency Medical Technician – 5  
EMS 175L - Advanced Emergency Medical Technician Lab – 4

EMS 299 - EMS Capstone – 1  
MDST/PBE 102 - Medical Terminology – 3  
WILD 100 - Introduction to Incident Command Systems – 1  
WILD 260 - Interagency Incident Business Management – 2

## **EMERGENCY MEDICAL TECHNICIAN**

### **Certificate of Occupational Training**

#### **15 credit hours**

The Certificate of Completion in Emergency Medical Services (EMS) offered by ENMU-Ruidoso is intended to provide students with the skills necessary to pursue a career as a service provider at the Emergency Medical Technician – Basic (EMT-B).

Upon program completion students will be able to :

- Perform the duties of an EMT-B in both clinical and operational settings
- Demonstrate competency of clinical skills at the EMT-B level
- Identify and treat life threatening conditions according to both national and state standards of care
- Attain employment as an EMS provider in New Mexico

### **Requirements for Acceptance into the Program**

Completion of college admission requirements

Completion of university skills placement test

Students must be 16 years of age or older at the time of enrollment

Mandatory Drug screening, criminal background checks and other clinical prerequisites will be required for all EMT students. Students should contact their instructors or talk with their advisors as soon as possible for more details.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

### **Certificate Requirements**

BIOL 109 - Survey of Anatomy & Physiology for Allied Health – 3  
EMS 101 - Basic Life Support Provider (CPR) – 1  
EMS 111 - Emergency Medical Services Basic – 6  
EMS 111L - Emergency Medical Services Basic Lab – 5

## **EMERGENCY MEDICAL TECHNICIAN ADVANCED**

### **Certificate of Occupational Training**

#### **9 credit Hours**

The Certificate of Completion in Emergency Medical Services (EMS) offered by ENMU-Ruidoso is intended to provide students with the skills necessary to pursue a career as a service provider at the Advanced Emergency Medical Technician (AEMT).

Upon program completion students will be able to:

- Perform the duties of an AEMT in both clinical and operational settings
- Demonstrate competency of clinical skills at the AEMT level

- Identify and treat life threatening conditions according to both national and state standards of care
- Attain employment as an EMS provider in New Mexico

#### Requirements for Acceptance into the Program

- Completion of college admission requirements
- Completion of university skills placement test
- Students must be 16 years of age or older at the time of enrollment
- Mandatory Drug screening, criminal background checks and other clinical prerequisites will be required for all EMT students. Students should contact instructors or talk with their advisors as soon as possible for more details.
- Current EMT Basic License (NMEMT and NREMS)

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

#### Certificate Requirements

- EMS 175 - Advanced Emergency Medical Technician – 5
- EMS 175L - Advanced Emergency Medical Technician Lab – 4

## GENERAL STUDIES

### Associate of Arts 60-66 credit hours

The Associate of Arts degree in General Studies is designed for students who want to experience a broad spectrum of course offerings. It includes the core curriculum that will allow a student to transfer to a four-year university to complete the final two years of a Bachelor degree. Maximum transferability can be assured when students carefully coordinate education requirements with the four-year institution of their choice. Successful completion of the degree will be attained when the student can transfer to a four-year institution as a junior. Upon program completion students will be able to:

- Demonstrate the ability to use critical thinking
- Use effective communication skills both in speaking and writing
- Participate responsibly in the social and political environment

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

#### Institutional and Related Requirements – 3 or 7 hours

- UNIV 101 - Freshman Seminar – 3
- MATH 104 - Preparatory Algebra – 4\*

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

### New Mexico General Education Common Core (NMGECC) – 35 - 37 hours

#### I. Communicating Effectively – 9 hours

##### Required Courses:

- ENG 102 - English Composition – 3
- ENG 104 - English Composition & Research – 3
- COMM 101 - Interpersonal Communication – 3
- or** COMM 102 - Public Speaking – 3

#### II. Understanding and Applying Mathematics – 3 or 4 hours

##### Recommended Courses:

- MATH 113 - Liberal Arts Math – 4
- MATH 119 - College Algebra – 4
- STAT 213 - Statistical Methods – 4
- or** any MATH course listed in the NMGECC

#### III. Science – 8 hours

##### Recommended courses:

- BIOL 154/L - General Biology: Subcellular through Organismic Biology/Lab – 4
- BIOL 155/L - General Biology: Organismic through Supra Organismic Biology/Lab – 4
- CHEM 151/L - General Chemistry I/Lab – 4
- CHEM 152/L - General Chemistry II/Lab – 4
- or** any science with a lab listed in the NMGECC

#### IV. Social Science – 6 hours

##### Recommended Courses:

- PSCI 102 - American National Government – 3
- PSY 101 - Introductory Psychology – 3
- SOC 101 - Introductory Sociology – 3
- or** any two Social Sciences from different disciplines listed in the NMGECC

#### V. Fine Arts and Humanities – 6 or 7 hours

##### a. Fine Arts – 3 hours

##### Recommended courses:

- ART 131 - Art Appreciation – 3
- MUS 113 - Music Appreciation – 3
- THTR 121 - Beginning Acting – 3
- or** any Fine Arts course listed in the NMGECC

##### b. Humanities – 3 or 4 hours

##### Recommended Courses:

- HIST 101 - Survey of American History to 1877 – 3
- HIST 102 - Survey of American History since 1877 – 3
- HIST 121 - Survey of Western Civilization to 1500 – 3
- HIST 122 - Survey of Western Civilization since 1500 – 3
- SPAN 101 - Beginning Spanish – 4
- or** any Humanities course listed in the NMGECC

#### Plus an additional course – 3 hours:

Choose an additional Social Science (IV), Humanities or Fine Arts (V) course from the NMGECC – 3 hours

#### Electives – 22 hours

## HEALTH INFORMATION TECHNOLOGY CERTIFICATE PROGRAM

### Certificate of Completion

#### 32 credit hours

This certificate will provide the student with coursework in the areas of Information Technology and Health Information Technology to enable individuals to obtain entry level employment and/or a pathway to higher education as a Healthcare IT Technician in a physician office or clinic setting working with an electronic health record. Upon successful completion of the IT Health Certificate students can choose to further their health care focus through completion of additional Health Information Technology courses, and their General Education Electives, to complete their Associates in Health Information Technology at one of the SUN PATH Institutions offering this degree. Additionally, upon completion of the IT Health Certificate, students can choose to sit for the CompTIA A+ SY0-220-801 & 802 Certification Exam, CompTIA Network+ N10-006, CompTIA Security+ SY0-401, and/or CompTIA Healthcare IT Technician – SY0-001.

Upon certificate completion students will be able to:

- Demonstrate an understanding of the American health care system, medical terminology, basic human anatomy and physiology, disease processes, diagnostic modalities, and treatments associated with common disease processes.
- Demonstrate advanced knowledge of the functionality, technical infrastructure, and best-practice deployment of health care IT, including medical algorithms, electronic health records, privacy and security, and regulations.
- Demonstrate a proficiency in managing, processing, and analyzing medical data.
- Demonstrate competence sufficient to lead health IT initiatives, to conduct biomedical research, and to design, implement, and manage advanced solutions.
- Demonstrate the ability to conduct periodic audits of system security settings and discuss how to
- Improve analysis by auditing network security procedures and carry out vulnerability assessments using common tools.
- Demonstrate the ability to describe scenarios customers may call in with and provide practical solutions to quickly, efficiently and effectively resolve the customers' issues and complaints.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

#### Technical Requirements – 32 hours

HIT 120 - Introduction to Health Information Technology I - 4  
HIT 130 - Introduction to Electronic Health Records - 3  
HIT 140 - Health Care Related MATH (Methods of Problem Solving) - 3  
HIT 160 - Pharmacology for Allied Health Systems – 3

HIT 211 - Introduction to Coding - 3  
HIT 221 - Health Information Legal - 3  
IS 101 - IT Essentials I: PC Hardware, Software, and Practical Applications - 4  
IS 121 - IT Essentials II: Network Operating Systems - 3  
IS131 - Computer and Security Fundamentals - 3  
MDST/PBE 102 - Medical Terminology - 3

## HOTEL, RESTAURANT & TOURISM MANAGEMENT

### Associate of Arts

#### 67 credit hours

The Associate of Arts in Hotel, Restaurant & Tourism Management is designed to equip the student with skills and knowledge to enter one of the primary and fastest growing industries in the region. The program is designed with multiple career pathways including management, personnel supervision, customer service, and marketing and sales so the student may decide to pursue one or more certificates, a general associate degree or a specialized associates degree.

Upon program completion students will be able to:

- Transfer skills obtained through course work to real world and professional experiences.
- Apply basic knowledge to a wide variety of industry segments such as front desk, sales, human resources and line supervision.
- Pursue a Bachelor degree from a four year university in hospitality and tourism or business

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

#### Institutional and Related Requirements – 7 hours

UNIV 101 - Freshman Seminar – 3  
MATH 104 - Preparatory Algebra – 4

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

#### New Mexico General Education Common Core (NMGECC) – 37 hours

##### I. Communications – 9 hours

Required Courses:

ENG 102 - English Composition – 3  
ENG 233 - Writing for Technical Professionals – 3  
COMM 101 - Interpersonal Communications – 3  
or COMM 102 - Public Speaking – 3

##### II. Mathematics – 4 hours

Required Course:

STAT 213 - Statistical Methods – 4

##### III. Science – 8 hours

Recommended courses:

BIOL 154/L - General Biology: Subcellular through Organismic Biology/Lab – 4  
 BIOL 155/L - General Biology: Organismic through Supra Organismic Biology/Lab – 4  
 CHEM 151/L - General Chemistry I/Lab – 4  
 CHEM 152/L - General Chemistry II/Lab – 4  
**or** any science with a lab listed in the NMGECC

IV. Social Science – 9 hours

Required Courses:

ECON 221 - Principles of Macroeconomics – 3  
 ECON 222 - Principles of Microeconomics – 3  
**and** a Social Science from a different discipline listed in the NMGECC

V. Fine Arts and Humanities – 7 hours

a. Fine arts – 3 hours

Recommended courses:

ART 131 - Art Appreciation – 3  
 MUS 113 - Music Appreciation – 3  
 THTR 121 - Beginning Acting – 3  
**or** any Fine Arts course listed in the NMGECC

b. Humanities – 4 hours

Required Course:

SPAN 101 - Beginning Spanish – 4

**Program Requirements – 23 hours**

ACCT 201 - Introduction to Financial Accounting – 4  
 HRTM 151 - Introduction to Hospitality Management – 3  
 HRTM 210 - Marketing for the Hospitality Industry – 3  
**or** MKT 201 - Principles of Marketing – 3  
 HRTM 299 - Programmatic Capstone – 1  
 HTCA 151 - Intro to Culinary Arts – 3  
 HTCA 260 - Sanitation and Safety – 1  
 HTCA 262/L - Food Preparation I/L – 4  
 SPAN 102 - Continuation of Beginning Spanish – 4

## **HOTEL, RESTAURANT & TOURISM MANAGEMENT**

### **Certificate of Completion**

#### **23 credit hours**

The Certificate of Completion in Hotel, Restaurant & Tourism Management are designed to provide students with the specific skills needed for successful entry into the hospitality and tourism industry.

Upon program completion students will be able to:

- Transfer skills obtained through course work to real world and professional experiences.
- Apply basic knowledge to a wide variety of industry segments such as front desk, sales, human resources and line supervision.
- Pursue an Associate of Arts degree from ENMU-*Ruidoso* in Hotel, Restaurant & Tourism Management.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

### **Certificate Requirements**

ACCT 201 - Introductory Accounting – 4  
 ECON 221 - Microeconomics – 3  
 HRTM 151 - Introduction to Hospitality Management – 3  
 HRTM 210 - Marketing for the Hospitality Industry – 3  
**or** MKT 201 - Principles of Marketing – 3  
 HRTM 299 - Programmatic Capstone – 1  
 HTCA 260 - Sanitation and Safety – 1  
 HTCA 262/L - Food Preparation I/L – 4  
 SPAN 101 - Beginning Spanish – 4

## **HUMAN SERVICES**

## **ALCOHOL AND DRUG ABUSE STUDIES**

### **Certificate of Completion**

#### **18 credit hours**

The Certificate of Completion in Human Services Alcohol and Drug Abuse Studies is designed to meet the State of New Mexico's Counseling & Therapy Practice Board criteria for licensure as a Licensed Substance Abuse Associate (LSAA). To satisfy licensure requirements you must have a minimum of an Associate degree as well as successfully completing this program.

Certificate topics include public policy and its impact on drug use, the effects of varied controlled substances and alcohol on the human body and brain, how to conduct assessments and interviews, implementing early prevention programs, and applying counseling methods supported by evidenced-based research.

The curriculum for this certificate includes 276 clock hours of specific training in alcohol and drug counseling and 6 clock hours of ethics.

Upon program completion students will be able to:

- Explain the history of addiction counseling.
- Describe physiological and psychological methodology for addiction treatment, including assessment of behavioral patterns.
- Demonstrate client interview techniques.
- Describe proven methods of addiction treatment.
- Demonstrate planning and execution of treatment plans and discharge summaries.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

### **Certificate Requirements**

HS 202 - Introduction to Alcohol and Drug Abuse – 3  
 HS 203 - Bio-psychosocial Foundation of Alcohol and Drug Abuse – 3  
 HS 204 - Principles of Prevention and Research in Alcohol and Drug Abuse – 3  
 HS 205 - Principles of Treatment and Recovery in Alcohol and Drug Abuse – 3



HS 206 - Alcohol and Drug Abuse Counseling: Families and Groups – 3

HS 207 - Alcohol and Drug Abuse Counseling: Special Populations – 3

## INFORMATION SYSTEMS

### Associate of Applied Science

#### 65-66 credit hours

The Associates of Applied Science in Information Systems (IS) is designed to introduce students to contemporary information systems and demonstrate how these systems are used throughout global organizations. The focus of this program will be on the key components of information systems – people, software, hardware, data, security, and communication technologies, and how these components can be integrated and managed to create competitive advantage. Upon completion of this degree program students will be prepared for entry level Information System jobs in Information Systems operations support and services.

Upon program completion students will be able to:

- Understand and explain how and why information systems are used today.
- Understand globalization and the role information systems play in businesses.
- Understand and analyze various types of information systems, including estimation of both costs and benefits.
- Understand and apply the major components of an information systems infrastructure.
- Understand, apply and evaluate how to secure information assurance.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

#### Institutional and Related Requirements – 7 hours

UNIV 101 - Freshman Seminar – 3

MATH 104 - Preparatory Algebra – 4

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

#### New Mexico General Education Common Core (NMGECC) – 19-20 hours

##### I. Communicating Effectively – 9 hours

ENG 102 - English Composition – 3

ENG 233 - Writing for Technical Professionals – 3

COMM 101 - Interpersonal Communication – 3

##### II. Understanding and Applying Mathematical Principles – 3-4 hours

Required Course: MATH 119 - College Algebra – 4

##### III. Science – 4 hours

Recommended courses:

BIOL 113- Biology for General Education/Lab – 4

BIOL 154/L - General Biology I: Subcellular through Organismic Biology/Lab – 4

BIOL 155/L - General Biology II: Organismic through Supra Organismic Biology/Lab – 4

CHEM 113 - Chemistry for Today/Lab – 4

CHEM 151/L - General Chemistry I – 4

CHEM 152/L - General Chemistry I Lab – 4

**or** any science with a lab listed in the NMGECC

##### IV. Social Science – 3 hours

Recommended Courses:

PSCI 102 - American National Government – 3

PSY 101 - Introductory Psychology – 3

SOC 101 - Introductory Sociology – 3

**or** any Social Science listed in the NMGECC

#### Technical Requirements – 39 hours

CS 123/L - Programming Fundamentals/L – 4

CS 234 - Intermediate Programming – 3

IS 151 - Basic Computer Skills – 3

IS 153 - Introduction of Information Systems – 3

IS 160 - Overview of Operating Systems & Utilities – 3

IS 170 - Systems Analysis & Design – 3

IS 241 - Introduction to Web Design – 3

IS 270 - Data and Information Management – 3

IS 281 - Spreadsheets and Data Analysis – 3

IS 287 - Application Development – 3

IS 299 - Programmatic Capstone – 1

MGT 201 - Principles of Management – 3

STAT 213 - Statistical Method – 4

## INFORMATION SYSTEMS CYBERSECURITY

### Associate of Applied Science

#### 61-62 credit hours

The Associates of Applied Science in Information Systems (IS) Cybersecurity is designed to introduce students to contemporary information systems security, information assurance and demonstrate how these systems are used throughout glob-



al organizations. The focus of this program will be on the key components of information systems assurance and cybersecurity - people, software, hardware, data, security, and communication technologies, and how these components can be integrated and managed to create competitive advantage. **The National Security Agency and the Department of Homeland Security have designated Eastern New Mexico University - Ruidoso as a National Center of Academic Excellence in Information Assurance/Cybersecurity (CAE-2Y).** This program is specifically designed to prepare and certify students as Information Systems Security (INFOSEC) Professionals, NSTISSI No. 4011 and CNSSI No. 4016 Entry Level Risk Analysts or provide current Information Systems professionals with an Information Systems security certification to meet the needs of current and future employer requirements. Upon completion of this program students will receive a university cer-

tification of completion, the CompTIA Security+ and EC - Council Certified Ethical Hacker (CEH)<sup>TM</sup> industry certification in addition to their degree. Key is that the program meets the CAE-2Y curriculum certification by the NSA and complies with the DOD 8570 certification. The students will participate in the Cybersecurity Challenge Competition with industry partners to demonstrate and apply program knowledge in the capstone class.

Upon program completion students will be able to:

- Apply capable skills to plan, analyze, develop, implement, maintain, and enhancing information systems security programs, policies, procedures, and tools to ensure the confidentiality, integrity, and availability of systems, networks, and data.
- Understand and apply knowledge to implement higher-level security requirements; integrate security programs across disciplines; define security plans and policies; assess new system design methodologies to improve software quality; and institute measures to ensure awareness and compliance.
- Knowledge to evaluate and assess new security technologies and/or threats and recommend changes; review and evaluate security incident response policies; and develop long-range plans for IT security systems.
- Understanding and knowledge to resolve integration issues related to the implementation of new systems with the existing infrastructure and why information systems are used today and the technology, people, and organizational components of information systems.
- Understand and analyze various types of information systems provide the information needed to gain business intelligence to support the decision making for the different levels and functions of the organization, the value of information systems investments, how organizations develop and acquire information systems and technologies as well as learn to formulate a business case for a new information system, including estimation of both costs and benefits.
- Understand, apply and evaluate how to secure information systems resources, mitigate risks as well as plan for and recover from disasters, focusing on both human and technological safeguards, ethical concerns that information systems raise in society, and the impact of information systems on crime, terrorism, and war.

*Any student who is ineligible for state, national, or industry licensure is ineligible for entry into this program.*

#### **Institutional and Related Course Requirements – 7 hours**

UNIV 101 - Freshman Seminar – 3

MATH 104 - Preparatory Algebra – 4

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

#### **New Mexico General Education Common Core (NMGECC) – 20 hours**

#### **I. Communicating Effectively – 9 hours**

Required courses:

COMM 101 - Interpersonal Communication – 3

ENG 102 - English Composition – 3

ENG 233 - Writing for Technical Professionals – 3

#### **II. Understanding and Applying Mathematical Principles – 4 hours**

Required Course:

MATH 119 - College Algebra – 4

#### **III. Science – 4 hours**

Recommended courses:

BIOL 113 - Biology for General Education/Lab – 4

BIOL 154/L - General Biology I: Subcellular through Organismic Biology/Lab – 4

BIOL 155/L - General Biology II: Organismic through Supra Organismic Biology/Lab – 4

CHEM 113 - Chemistry for Today/Lab – 4

CHEM 151/L - General Chemistry I – 4

CHEM 152/L - General Chemistry I Lab – 4

**or** any science with a lab listed in the NMGECC

#### **IV. Social Science – 3 hours**

Recommended Courses:

PSCI 101 - Introduction to Political Science – 3

PSCI 102 - American National Government – 3

PSY 101 - Introductory Psychology – 3

SOC 101 - Introductory Sociology – 3

**or** any Social Science listed in the NMGECC

#### **Technical Requirements – 35 hours**

CS 123/L - Programming Fundamentals/Lab – 4

IS 131 - Network Security Fundamentals – 3

IS 136 - Guide to Disaster Recovery – 3

IS 153 - Introduction of Information Systems – 3

IS 160 - Overview of Operating Systems & Utilities – 3

IS 253 - Firewalls and How They Work – 3

IS 257 - Ethical Hacking, Computer and Network Defense and Counter Measures – 3

IS 258 - Cyber Ethics, Professionalism, and Career Development – 3

IS 298 - Programmatic Capstone/Cybersecurity Challenge – 3

MGT 201 - Principles of Management – 3

STAT 213 - Statistical Methods – 4

## **NATURAL SCIENCE**

### **Associate of Science**

#### **63-64 credit hours**

The Associate of Science Degree in Natural Science is intended to provide the graduate with a foundational understanding of the core sciences that will be universally transferable to any four-year institution. This course of study includes instruction in biology, chemistry and physics. Students may choose an emphasis in Wildlife or Conservation Ecology, which is intended to

transfer directly to the Fish, Wildlife and Conservation Ecology program at New Mexico State University, and which will provide graduates with the skills necessary to pursue entry-level positions in natural resources management or related fields. Students not interested in pursuing further studies or employment in natural resources may instead opt for the Human Biology emphasis, which is designed to transfer to four-year programs in medical or related fields including nursing, pre-medicine, pharmacology, or genetics. Graduates completing the Human Biology emphasis will be qualified for entry-level positions in the healthcare industry. Students working toward this degree will be eligible for a Common Core Certificate of Completion.

Upon program completion students will be able to:

- Demonstrate effective written and verbal communication skills.
- Exhibit basic understanding of mathematics and statistics.
- Display foundational knowledge of biology, chemistry and physics.
- Apply their learning to pursue entry-level employment in natural resources management or healthcare related fields.

*Any student who is ineligible for state, national or industry licensure is ineligible for entry into this program.*

#### **Institutional and Related Requirements – 7 hours**

UNIV 101 - Freshman Seminar – 3  
MATH 104 - Preparatory Algebra – 4

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

#### **New Mexico General Education Common Core (NMGECC) – 35-37 hours**

##### **I. Communicating Effectively – 9 hours**

Required Courses:

ENG 102 - English Composition – 3  
ENG 104 - English Composition & Research – 3  
COMM 101 - Interpersonal Communication – 3  
**or** COMM 102 - Public Speaking – 3

##### **II. Understanding and Applying Mathematical Principles – 3 or 4 hours**

Required Course:

MATH 119 - College Algebra – 4

##### **III. Science – 8 hours**

Required courses:

BIOL 154/L - General Biology I: Subcellular through Organismic Biology/Lab – 4  
CHEM 151/L - General Chemistry I/Lab – 4

##### **IV. Social Science – 6 hours**

Recommended Courses:

PSCI 102 - American National Government – 3  
PSY 101 - Introductory Psychology – 3

SOC 101 - Introductory Sociology – 3

**or** any two Social Sciences from different disciplines listed in the NMGECC

##### **V. Fine Arts and Humanities – 6 or 7 hours**

###### **a. Fine Arts – 3 hours**

Recommended courses:

ART 131 - Art Appreciation – 3  
MUS 113 - Music Appreciation – 3  
THTR 121 - Beginning Acting – 3  
**or** any Fine Arts course listed in the NMGECC

###### **b. Humanities – 3 or 4 hours**

Recommended Courses:

HIST 101 - Survey of American History to 1877 – 3  
HIST 102 - Survey of American History since 1877 – 3  
HIST 121 - Survey of Western Civilization to 1500 – 3  
HIST 122 - Survey of Western Civilization since 1500 – 3  
SPAN 101 - Beginning Spanish – 4  
**or** any Humanities course listed in the NMGECC

**Plus** an additional course – 3 hours:

Choose an additional Social Science (IV), Humanities or Fine Arts (V) course from the NMGECC – 3 hours

#### **Program Requirements – 21 hours**

BIOL 155/L - General Biology II/Lab – 4  
CHEM 152/L - General Chemistry II/Lab-4  
NATR 299 - Programmatic Capstone – 1  
PHYS 151/L - General Physics I/Lab – 4

#### **Choose from the following – 8 hours**

BIOL 110/L - Introduction to Wildlife/Fisheries Sciences/Lab – 4  
BIOL 209/L - Anatomy and Physiology I/Lab – 4  
BIOL 210/L - Anatomy and Physiology II/Lab – 4  
BIOL 214/L - Microbiology/Lab – 4  
BIOL 216/L - General Botany/Lab – 4  
BIOL 266/L - Ecology of the Southwest Uplands/Lab – 4  
BIOL 286/L - Ecology of Big Bend/Lab – 4  
BIOL 288/L - Introduction to Tropical Biology/Lab – 4

## **NURSING ASSISTANT**

### **Certificate of Occupational Training**

#### **6 credit hours**

The certificate of occupational training in Nurse Assistant is designed to prepare students to successfully sit for the state nurse assistant certification examination.

The Nurse Assistant Program is designed to educate students in physical, emotional, and spiritual assessment of residents' needs and concerns. Students receive training and practice in all state required resident care skills in the classroom lab as well as in several community settings. Students learn resident rights as well as the laws that protect those rights. Understanding of the role of the nurse assistant within the legal scope of practice is an

expected outcome of this program.

Upon program completion students will be able to:

- Care for people who are ill or have impaired self-care capabilities.
- Have the necessary knowledge of body system functions including normal ranges for vital signs so that they are able to, assess and report patients/residents status to nursing staff.
- Provide basic patient care such as feeding, bathing, range of motion exercises, transfer patients, change linens, mouth and dental care and repositioning.
- Provide all indirect care as required by state guidelines including patient safety, patient rights and preferences, infection control and patient/resident comfort.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

#### **Certificate Requirements**

NA 111 - Nursing Assistant – 3

NA 111L - Nursing Assistant Lab – 3

## **POLICE SCIENCE**

### **Associate of Applied Science**

#### **63 credit hours**

The Police Science Associate of Applied Science is designed to equip certified police officers with a comprehensive knowledge of the governmental structures, limitations, and theoretical underpinnings of the American criminal justice system. This curriculum is intended as a terminal occupational degree program for students who are incumbents in governmental police agencies at the local, state or national level. The balanced liberal arts emphasis of this degree, which includes the study of law, criminal justice, social sciences, humanities, behavioral sciences, natural sciences and general education courses, will provide graduates a broader understanding of the criminal justice system than is currently practical within the confines of police certification or licensure programs. Upon program completion students will be able to:

- Describe the historical development, roles, interrelationships, and criminal justice system functions of agencies, actors, structures, and operations of criminal justice agencies.
- Identify and describe major national measures of crime and major theories on causes of criminality.
- Explain functions of criminal laws, Constitutional limitations on laws, and application of laws in criminal courts.
- Identify current trends in crime, police techniques, offender sentencing, corrections practices, and offender reintegration.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

#### **Institutional and Related Requirements – 3 hours**

UNIV 101 - Freshman Seminar – 3

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

### **New Mexico General Education Common Core (NMGECC) – 15 hours**

#### **I. Communicating Effectively – 6 hours**

Required Courses:

ENG 102 - English Composition – 3

**or** ENG 233 - Writing for Technical Professionals – 3

COMM 101 - Interpersonal Communication – 3

**or** COMM 102 - Public Speaking – 3

#### **II. Social Science – 9 hours**

Recommended Courses:

PSCI 102 - American National Government – 3

PSY 101 - Introductory Psychology – 3

SOC 101 - Introductory Sociology – 3

**or** any three Social Sciences from different disciplines listed in the NMGECC

### **Technical Requirement – 45 hours**

Successful completion of training at the New Mexico State Police (NMSP) Academy, New Mexico Department of Public Safety (NMDPS) Academy, the United States Border Patrol Basic Training Program (USBPI), the Federal Air Marshal Basic Training Program (FAMTP), or the Land Management Basic Police Training Program (LMPT) will equate to 30 credit hours toward the technical requirements. Military Police may also qualify but must meet the same qualifications as required by NMDPS and will be considered on a case by case basis.

CJ 102 - Introduction to Criminal Justice – 3

CJ 205 - Criminal Procedures – 3

CJ 299 - Programmatic Capstone – 1

SPAN 101 - Beginning Spanish – 4

SPAN 102 - Continuation of Beginning Spanish – 4

## **PRE-NURSING**

### **Associate of Science**

#### **68-70 credit hours**

This degree will provide students with coursework identified by the New Mexico Nursing Education Consortium (NMNEC) as the common statewide prerequisites and general education courses for a BSN. Students completing this degree can transfer to any state-funded New Mexico Community College or University and apply for admission into their BSN program.

Upon program completion students will be able to:

- Achieve a general education that serves as the solid base for the practice and education of nurses, as defined by NMNEC
- Assemble entrance packet required to enter a nursing program
- Sit for entrance exam dictated by nursing program

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*



## **Institutional and Related Requirements – 7 hours**

UNIV 101 - Freshman Seminar – 3  
or UNIV 203 - Current Issues in Allied Health – 3  
MATH 104 - Preparatory Algebra – 4

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

## **New Mexico General Education Common Core (NMGECC) – 35-37 credit hours**

### **I. Communicating Effectively – 9 hours**

Required Courses:

ENG 102 - English Composition – 3  
ENG 233 - Writing for Technical Professionals – 3  
COMM 101 - Interpersonal Communication – 3  
or COMM 102 - Public Speaking – 3

### **II. Understanding and Applying Mathematical Principles – 3-4 hours**

Required Course: MATH 119 - College Algebra – 4

### **III. Science – 8 hours**

Required Courses:

BIOL 154/L - General Biology I: Subcellular through Organismic Biology/Lab – 4  
CHEM 113/L - Chemistry for Today/Lab – 4  
or CHEM 151/L - General Chemistry I/Lab – 4

### **IV. Social Science – 6 hours**

Required Course:

PSY 101 - Introductory Psychology – 3

Recommended Courses:

PSCI 102 - American National Government – 3  
SOC 101 - Introductory Sociology – 3  
or any Social Sciences from different disciplines listed in the NMGECC

### **V. Fine Arts and Humanities – 6 or 7 hours**

#### **a. Fine Arts – 3 hours**

Recommended courses:

ART 131 - Art Appreciation – 3  
MUS 113 - Music Appreciation – 3  
THTR 121 - Beginning Acting – 3  
or any Fine Arts course listed in the NMGECC

#### **b. Humanities – 3 or 4 hours**

Recommend Courses:

HIST 101 - Survey of American History to 1877 – 3  
HIST 102 - Survey of American History since 1877 – 3  
HIST 121 - Survey of Western Civilization to 1500 – 3  
HIST 122 - Survey of Western Civilization since 1500 – 3  
SPAN 101 - Beginning Spanish – 4

or any Humanities courses listed in the NMGECC

**Plus** an additional course – 3 hours:

Choose an additional Social Science (IV), Humanities or

Fine Arts (V) course from the NMGECC – 3 hours

## **Program Requirements – 26 credit hours**

BIOL 209/L - Anatomy and Physiology I/Lab – 4  
BIOL 210/L - Anatomy and Physiology II/Lab – 4  
BIOL 214/L - Microbiology/Lab – 4  
BIOL 215 - Pathophysiology – 4  
NURS 115 - Human Nutrition – 3  
PSY 200 - Human Growth and Development – 3  
STAT 213 - Statistical Methods – 4

## **PRE-NURSING**

### **Certificate of Completion**

#### **28 credit hours**

This certificate will provide students with coursework identified by the New Mexico Nursing Education Consortium (NMNEC) as the common statewide prerequisites and general education courses for a BSN. Students completing this certificate can transfer to any state funded NMNEC New Mexico Community College or University and apply for admission into their ADN program.

Upon program completion students will be able to:

- Achieve a general education that serves as the solid base for the practice and education of nurses, as defined by NMNEC
- Assemble entrance packet required to enter a nursing program
- Sit for entrance exam dictated by nursing program

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

### **Certificate Requirements – 28 credit hours**

BIOL 154/L - General Biology I: Subcellular through Organismic Biology/Lab – 4  
BIOL 209/L - Anatomy and Physiology I/Lab – 4  
BIOL 210/L - Anatomy and Physiology II/Lab – 4  
BIOL 215 - Pathophysiology – 4  
ENG 102 - English Composition – 3  
PSY 101 - Introductory Psychology – 3  
PSY 200 - Human Growth and Development - 3  
UNIV 101 - Freshman Seminar – 3  
or UNIV 203 - Current Issues in Allied Health – 3

## **PSYCHOLOGY**

### **Associate of Arts Degree**

#### **61-63 credit hours**

The Associate of Arts in Psychology is designed to introduce students to the knowledge and skills necessary to enter the field of psychology. The Associate of Arts in Psychology articulates into the Bachelor of Arts or Bachelor of Science in Psychology at the ENMU Portales campus. Psychology requires that practitioners receive graduate level training in order to practice professionally. Upon program completion students will be able to:

- Describe key concepts, principles, and overarching themes in psychology.
- Describe applications of psychology.
- Use scientific reasoning to interpret psychological phenomena.
- Demonstrate psychology information literacy.
- Engage in innovative and integrative thinking and problem solving.

*Any student who is ineligible for state, national, or industry license or certification is ineligible for entry into this program.*

#### **Institutional and Related Requirements – 3 hours**

UNIV 101 - Freshman Seminar – 3

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

#### **New Mexico General Education Common Core (NMGECC) – 35 - 37 hours**

##### **I. Communicating Effectively – 9 hours**

Required Courses:

ENG 102 - English Composition – 3

ENG 104 - English Composition & Research – 3

COMM 101 - Interpersonal Communication – 3

**or** COMM 102 - Public Speaking – 3

##### **II. Understanding and Applying Mathematical Principles – 3-4 hours**

Recommended Course:

MATH 113 - Liberal Arts Math – 4

**or** any MATH course listed in the NMGECC

##### **III. Science – 8 hours**

Recommended courses:

BIOL 113/L - Biology for General Education/Lab – 4

CHEM 113/L - Chemistry for Today/Lab – 4

**or** any science with a lab listed in the NMGECC

##### **IV. Social Science – 6 hours**

Recommended Courses:

PSCI 102 - American National Government – 3

SOC 101 - Introductory Sociology – 3

**or** any two Social Sciences from different disciplines listed in the NMGECC

##### **V. Fine Arts and Humanities – 6 or 7 hours**

###### **a. Fine Arts – 3 hours**

Recommended courses:

ART 131 - Art Appreciation – 3

MUS 113 - Music Appreciation – 3

THTR 121 - Beginning Acting – 3

**or** any Fine Arts course listed in the NMGECC

###### **b. Humanities – 3 or 4 hours**

Recommended Courses:

HIST 101 - Survey of American History to 1877 – 3

HIST 102 - Survey of American History since 1877 – 3

HIST 121 - Survey of Western Civilization to 1500 – 3

HIST 122 - Survey of Western Civilization since 1500 – 3

SPAN 101 - Beginning Spanish – 4

**or** any Humanities course listed in the NMGECC

**Plus** an additional course: – 3 hours

Choose an additional Social Science (IV), Humanities or Fine Arts (V) course from the NMGECC – 3 hours

#### **Program Requirements – 23 hours**

PSY 101 - Introductory Psychology – 3

PSY 134 - Positive Psychology – 3

PSY 224 Social Psychology – 3

PSY 200 - Human Growth and Development – 3

PSY 201 - Child Psychology – 3

**or** PSY 202 - Adolescent Psychology – 3

PSY 299 - Programmatic Capstone – 1

STAT 213 - Statistical Methods I – 4

#### **Electives – 3 hours**

Recommended courses:

any PSY course

SOC 212 - Contemporary Social Issues – 3

## **STRUCTURAL FIRE SCIENCE**

### **Associate of Applied Science Degree**

#### **61 credit hours**

The Associate of Science in Fire Science is a degree which will build a strong foundation of the essentials needed to work in the fire service industry, ensuring a comprehensive understanding of rudimentary technical skills. By incorporating a comprehensive curriculum of fire prevention, fire protection, hazardous materials response, and fire administration, the Associate of Science in Fire Science degree takes a multi-professional approach to policy integration and academic preparation in specialized fire service equipment and apparatus applications. Completion of all technical courses offered in this plan qualifies students for work as an entry level firefighter. In collaboration with the New Mexico Firefighting Academy students can earn International Fire Service Accreditation Council (IFSAC) certificates for 10 of the technical courses offered upon successful completion. Also, for those students already possessing IFSAC certification they are eligible to earn prior learning assessment credit (PLA). See Structural Fire Science PLA crosswalk and catalog for PLA policy. This degree will appeal to those students who desire to become firefighters, as well as those currently employed in the field looking to advance their knowledge base.

Upon program completion students will be able to:

- Students will be able to demonstrate a complete proficiency of all job performance requirements established in NFPA 1001, as applicable to this program.
- Students will be able to discuss the impact of the history of Fire Service as it relates to current industry trends.
- Students will be able to analyze effective fire prevention

methods utilized in fire science organizations and the community.

- Students will be able to apply effective fire protection practices and strategies to various scenarios.
- Students will be able to evaluate the principles of fire chemistry, fire behavior, and safety practices in the fire service industry.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program. Please contact an advisor prior to registration.*

#### **Institutional and Related Requirements – 3 hours**

UNIV 101 - Freshman Seminar – 3

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

#### **New Mexico General Education Common Core (NMGECC) – 15 hours**

##### **I. Communication Effectively – 9 hours**

ENG 102 - English Composition – 3

ENG 233 - Writing for Technical Professionals – 3

**or** ENG 104 - English Composition and Rhetoric – 3

COMM 101 - Interpersonal Communication - 3

**or** COMM 102 - Public Speaking – 3

##### **II. Social Science – 3 hours Recommended Courses:**

PSCI 102 - American National Government – 3

PSY 101 - Introductory Psychology – 3

SOC 101 - Introductory Sociology – 3

**or** any Social Sciences listed in the NMGECC

##### **III. Fine Arts or Humanities – 3 hours**

Recommended courses:

ART 131 - Art Appreciation – 3

ART 165 - Art History I – 3

ENG 211 - Introduction to Literature – 3

MUS 113 - Music Appreciation – 3

HUM 221 - Introduction to World Humanities – 3

HUM 222 - Introduction to Modern World Humanities – 3

**or** any Fine Arts or Humanities course listed in the NMGECC

#### **Technical Requirements - 43 hours**

BIOL 109 - Survey of Anatomy & Physiology for Allied Health -3

EMS 101 - Basic Life Support Provider (CPR) – 1

EMS 111 - EMT Basic/Lab – 11

FIRE 103 - Fire Protection Hydraulics and Water Supply – 3

FIRE 111/L - Structural Firefighter I/Lab – 6

FIRE 112/L - Structural Firefighter II/Lab – 6

FIRE 117 - Hazardous Materials Awareness and Operations – 3

FIRE 119 - Basic Auto Extrication – 3

FIRE 204 - Structural Firefighting Tactics and Strategies – 3

FIRE 299 - Programmatic Capstone -1

#### **Choose from the following – 3 hours**

FIRE 104 - Introduction to Origin and Cause Determination – 1.5

FIRE 105 - Fire Investigator I – 3

FIRE 107 - Hose and Hydrant Testing – 1.5

FIRE 114 - Fire Command Strategy and Tactics – 3

FIRE 121 - Fire Service Administration 1 – 3

FIRE 122 - Fire Service Administration 2 – 3

FIRE 124 - Fire Service Instructor 1 – 3

FIRE 125 - Fire Service Instructor 2 – 3

FIRE 152 - Advanced Fire Behavior and Combustion – 3

FIRE 154 - Principles of Code Enforcement – 3

FIRE 156 - Fire Protection Systems – 3

OSH 200 - Occupational Safety and Health for Emergency Services – 3

## **TEACHER EDUCATION TRANSFER PROGRAM**

### **Associate of Arts Degree**

#### **61-68 credit hours**

The Associate of Arts degree in Teacher Education Transfer Program will allow students to enter a Bachelor's program leading to teacher certification in the state of New Mexico.

Upon completion of this program students will be able to:

- Analyze and discuss educational issues, theories, and research
- Examine and evaluate effective teaching strategies and techniques, effective planning approaches, motivation strategies, and classroom management
- Observe, create and execute a lesson using current research strategies
- Evaluate students' diversities and individual learning differences
- Demonstrate how the proper integration of technology facilitates student learning
- Analyze ones' own qualifications and commitment to becoming a teacher

**NOTE:** GPA of 3.00 is required.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

#### **Institutional Requirements – 3 hours**

UNIV 101 - Freshman Seminar – 3

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

#### **New Mexico General Education Common Core (NMGECC) – 35-36 hours**

##### **I. Communicating Effectively – 9 hours**

**Required Courses:**

ENG 102 - English Composition – 3  
ENG 104 - English Composition & Research – 3  
EDF 110 - Communications for Educators – 3

**II. Mathematics – 3-4**

MATH 113 - Liberal Arts Math – 4 (SED)  
MATH 261 - Mathematics for Teaching Grades PreK-2  
(ELED/SPED) – 3

**III. Science – 8 hours**

Choose a Life Science from the following:

BIOL 113/L - Biology for General Education/Lab – 4  
BIOL 154/L - General Biology I: Subcellular through  
Organismic Biology/Lab – 4  
BIOL 155/L - General Biology II: Organismic through  
Supra Organismic Biology/Lab – 4

Choose a Physical Science from the following:

CHEM 113/L - Chemistry for Today/Lab – 4\*  
CHEM 151/L - General Chemistry I/Lab – 4\*  
GEOL 113/L - The Geological Environment – 4  
GEOL 151/L - Physical Geology – 4  
PHYS 113/L - Survey of Physics – 4  
PHYS 141/L - Astronomy – 4\*  
PHYS 151/L - General Physics – 4\*

\*see course description for MATH prerequisite

**IV. Social Science – 6 hours**

Required courses:

ECON 200 - Survey of Economics – 3  
PSCI 102 - American National Government – 3

**V. Fine Arts and Humanities – 9 hours**

**a. Fine Arts – 3 hours**

Choose one course from the following:

ART 131 - Art Appreciation – 3  
MUS 113 - Music Appreciation – 3

**b. Humanities – 6 hours**

Required courses:

HIST 101 - Survey of American History to 1877 – 3  
**and** HIST 102 - Survey of American History since 1877  
– 3  
**or**  
HIST 121 - Survey of Western Civilization to 1500 – 3  
**and** HIST 122 - Survey of Western Civilization since  
1500 – 3

**Program Requirements – 23 or 27 hours** (Choose from  
Elementary/Special Education or Secondary Education)

**Elementary/Special Education requirements:**

ANTH/GEOL 103 - Humans and Their Environments – 3  
or ANTH/GEOL 233 - People and Cultures of the  
World – 3  
EDF 222/L - Structured Observation of Teaching /Lab  
– 3  
EDF 210 - Human Growth and Development for

Educators – 3

EDF 299 - Programmatic Capstone – 1  
ENG 221 - Survey of British Literature I – 3  
**and** ENG 222 - Survey of British Literature II – 3  
**or**  
ENG 251 - American Literature Survey I – 3  
**and** ENG 252 - American Literature Survey II – 3  
MATH 262 - Mathematics for Teaching Grades 3-5 – 3  
SPAN 101 - Beginning Spanish – 4  
**or** foreign language

**Secondary Education requirements:**

ANTH/GEOL 103 - Humans and Their Environments – 3  
**or** ANTH/GEOL 233 - People and Cultures of the  
World – 3  
EDF 210 - Human Growth and Development for  
Educators – 3  
EDF 222/L - Structured Observation of Teaching/Lab – 3  
EDF 299 - Programmatic Capstone – 1  
PSY 202 - Adolescent Psychology – 3  
SPAN 101 - Beginning Spanish – 4  
**or** foreign language  
STAT 213 - Statistical Methods – 4

Please choose a concentration from below – 6-8 hours

Biology Secondary – 8 hours  
BIOL 154/L - General Biology I: Subcellular through  
Organismic Biology/Lab – 4  
BIOL 155/L - General Biology II: Organismic through  
Supra Organismic Biology/Lab – 4  
BIOL 209/L - Applied Anatomy and Physiology – 4  
CHEM 151/L - General Chemistry I – 4  
CHEM 152/L - General Chemistry II – 4  
GEOL 151/L - Physical Geology – 4  
PHYS 151/L - General Physics I – 4  
PHYS 152/L - General Physics II – 4  
MATH 215 - Survey of Calculus – 4

English Secondary – 6-7 hours

ENG 211 - Introduction to Literature – 3  
ENG 221 - British Literature Survey I – 3  
ENG 222 - British Literature Survey II – 3  
ENG 251 - American Literature Survey I – 3  
ENG 252 - U.S. Literature Survey II – 3  
SPAN 101 - Beginning Spanish – 4

Social Studies with an emphasis in History – 6 - 7 hours

ECON 221 - Principles of Macroeconomics – 3  
HIST 203 - New Mexico – 3  
PSCI 101 - Introduction to Political Science – 3  
SOC 101 - Introduction to Sociology – 3  
SPAN 101 - Beginning Spanish – 4

Spanish Licensure – 9 hours

SPAN 101 - Beginning Spanish – 4  
SPAN 102 - Continuation of Beginning Spanish – 4  
SPAN 201 - Intermediate Spanish – 3  
SPAN 202 - Continuation of Intermediate Spanish – 3



## UNIVERSITY STUDIES

### Associate of Arts Degree

#### 62-67 credit hours

The Associate of Arts degree in University Studies is designed for students who want to experience a broad spectrum of course offerings. It includes the core curriculum that will allow a student to transfer to a four-year university to complete the final two years of a Bachelor's degree. Maximum transferability can be assured when students carefully coordinate education requirements with the four-year institution of their choice. Successful completion of the degree will be attained when the student can transfer to a four-year institution as a junior.

Upon program completion students will be able to:

- Demonstrate the ability to use critical thinking.
- Use effective communication skills both in speaking and writing.
- Participate responsibly in the social and political environment.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program. Please contact an advisor prior to registration.*

#### Institutional and Related Requirement – 7 hours

UNIV 101 - Freshman Seminar – 3

MATH 104 - Preparatory Algebra – 4\*

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

#### New Mexico General Education Common Core (NMGECC) – 35 - 37 hours

I. Communicating Effectively – 9 hours

II. Required Courses:

ENG 102 - English Composition – 3

ENG 104 - English Composition & Research – 3

COMM 101 - Interpersonal Communication – 3

or COMM 102 - Public Speaking – 3

III. Understanding and Applying Mathematical Principles – 3 or 4 hours

Recommended Courses:

MATH 113 - Liberal Arts Math – 4

MATH 119 - College Algebra – 4

STAT 213 - Statistical Methods – 4

or any MATH course listed in the NMGECC

IV. Science – 8 hours

Recommended courses:

BIOL 154/L - General Biology I: Subcellular through Organismic Biology/Lab – 4

BIOL 155/L - General Biology II: Organismic through Supra Organismic Biology/Lab – 4

CHEM 151/L - General Chemistry I/Lab – 4

CHEM 152/L - General Chemistry II/Lab – 4

or any science with a lab listed in the NMGECC

IV. Social Science – 6 hours

Recommended Courses:

PSCI 102 - American National Government – 3

PSY 101 - Introductory Psychology – 3

SOC 101 - Introductory Sociology – 3

or any two Social Sciences from different disciplines listed in the NMGECC

V. Fine Arts and Humanities – 6 or 7 hours

a. Fine Arts – 3 hours

Recommended courses:

ART 131 - Art Appreciation – 3

MUS 113 - Music Appreciation – 3

THTR 121 - Beginning Acting – 3

or any Fine Arts course listed in the NMGECC

b. Humanities – 3 or 4 hours

Recommended Courses:

HIST 101 - Survey of American History to 1877 – 3

HIST 102 - Survey of American History since 1877 – 3

HIST 121 - Survey of Western Civilization to 1500 – 3

HIST 122 - Survey of Western Civilization since 1500 – 3

SPAN 101 - Beginning Spanish – 4

or any Humanities course listed in the NMGECC

**Plus** an additional course – 3 hours:

Choose an additional Social Science (IV), Humanities or Fine Arts (V) course from the NMGECC – 3 hours

#### Concentration requirements – 15 hours

##### Concentrations:

###### Business

ACCT, BUS, ECON, FIN, HRTM, IS, MGT from at least two different areas.

###### Early Childhood Education

ECE, FCS, EDF

###### Education

BLED, ECE, EDF, ELED, RED, SED, SPED from at least two different areas.

###### English

ENG

###### General Science

BIOL, CHEM, GEOL, PHYS

###### Humanities

ENG, FR, GER, HEB, HIST, HUM, PHIL, REL, SPAN from at least two different areas.

###### Information Systems

IS

###### Social Science

ANTH, CJ, ECON, PSCI, PSY, SOC from at least two different areas.

#### Electives – 9 hours

## WELDING TECHNOLOGY

### Certificate of Completion

16 credit hours

The Certificate of Completion in Welding Technology is designed to equip the student with the skills and knowledge needed to enter the welding industry by providing an introduction and orientation to the welding industry and the various cutting processes used. The program is designed with multiple welding processes which may include:

- Oxyacetylene Torch Cutting and Welding (OFC/OFW)
- Shielded Metal Arc Welding (SMAW)
- Gas Metal Arc Welding (GMAW)
- Flux Core Arc Welding (FCAW)
- Gas Tungsten Arc Welding (GTAW)

Upon program completion students will be able to:

- Demonstrate proper weld joints and weld positions.
- Identify proper names of the parts of a weld and be able to analyze welds to determine good versus defective.
- Apply understanding of basic metal identification and metallurgy and names of common metal shapes.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

### Certificate Requirements

- WELD 110 - Introduction to Welding – 4
- WELD125 - Gas Metal Arc/Flux Core – 6
- WELD 131 - Beginning Arc I – 4
- WELD 289 - Internship Training– 2

## WILDLAND FIRE SCIENCE

### Associate of Applied Science Degree

61-65 credit hours

The Associate of Applied Science Degree (AAS) in Wildland Fire Science is designed to prepare students for entry into a career in wildland firefighting with private, municipal, state or federal wildland firefighting organizations. The two-year program includes basic and intermediate wildland fire suppression strategies, a foundation of forest science courses, as well as general education requirements.

Students with training and/or experience obtained previously through government agencies may receive credit-for-prior-learning and be eligible to receive a degree in an accelerated pathway. Students will have completed many prerequisite courses allowing transfer to a Bachelor degree program.

Upon program completion students will be able to:

- Demonstrate and apply knowledge of basic and intermediate wildland fire suppression strategies.
- Apply basic leadership skills required to move towards supervision on active wildfire suppression efforts and

oversight of fireline activities.

- Assess personal fitness level and understand the required conditioning for extended and multi-day wildfire assignments.
- Utilize knowledge and skills required to make critical medical decisions for patients in remote locations.
- Utilize foundational knowledge of forest ecology and wildfire behavior to plan and prepare for potential wildland fire incidents.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program. **Please contact an advisor prior to registration.***

### Institutional and Related Requirements – 3-7 hours

UNIV 101 - Freshman Seminar – 3

MATH 104 - Preparatory Algebra – 4

*Note: If instructional/related requirements are waived, additional elective courses will be needed to meet the minimum hours required for the degree.*

### New Mexico General Education Common Core (NMGECC) – 26-27 hours

*Students planning to earn their BAAS at ENMU-Portales will be required to take additional NM general education common core classes.*

#### I. Communications – 9 hours

COMM 101 - Interpersonal Communications – 3

**or** COMM 102 - Public Speaking – 3

ENG 102 - English Composition – 3

ENG 233 - Writing for Technical Professionals – 3

**or** ENG 104 - English Composition and Rhetoric – 3

#### II. Math **or** Science – 4 hours

MATH 119 - College Algebra – 4

**or**

Science – 4

Recommended courses:

BIOL 154/L - General Biology I: Subcellular through Organismic Biology/Lab – 4

BIOL 155/L - General Biology II: Organismic through Supra Organismic Biology/Lab – 4

BIOL 216/L - General Botany/Lab – 4

CHEM 151/L - General Chemistry I – 4

CHEM 152/L - General Chemistry I/Lab – 4

**or** any science with a lab listed in the NMGECC

#### III. Science – 4 hours

Recommended courses:

BIOL 154/L - General Biology I: Subcellular through Organismic Biology/Lab – 4

BIOL 155/L - General Biology II: Organismic through Supra Organismic Biology/Lab – 4

BIOL 216/L - General Botany/Lab – 4

CHEM 151/L - General Chemistry I – 4

CHEM 152/L - General Chemistry I/Lab – 4  
or any science with a lab listed in the NMGECC

IV. Social Science – 3 hours

Recommended Courses:

PSCI 102 - American National Government – 3

PSY 101 - Introductory Psychology – 3

SOC 101 - Introductory Sociology – 3

or any Social Science from different disciplines listed in the NMGECC

V. Humanities – 3-4 hours

Recommended Courses:

HIST 101 - Survey of American History to 1877 – 3

HIST 102 - Survey of American History since 1877 – 3

or any Humanities from different disciplines listed in the NMGECC

**Plus** an additional course from Area IV, V: Social Science, Fine Arts or Humanities – 3

Any course from Social Science, Fine Arts or Humanities listed in the NMGECC

**Technical Requirements – 32 hours**

NATR 121 - Introduction to Forestry – 3

WILD 100 - Introduction to ICS – 1

WILD 130 - Firefighter Training – 3

WILD 131 - Firefighter Type 1 – 1

WILD 133 - Look Up, Look Down, Look Around – .5

WILD 134 - Lookouts, Communications, Escape Routes and Safety Zones (LCES) – 1

WILD 150 - Firefighter Fitness – 2

WILD 180 - Human Factors in the Wildland Fire Service – .5

WILD 190 - Introduction to Wildland Fire Behavior – 1

WILD 211 - Portable Pumps and Water Use – 2

WILD 212 - Wildland Fire Chain Saws – 3

WILD 219 - Firing Operations – 2

WILD 260 - Interagency Incident Business Management – 2

WILD 270 - Basic Air Operations – 2

WILD 280 - Followership to Leadership – 2

WILD 286 - Basic Land Navigation – 1

WILD 290 - Intermediate Wildland Fire Behavior – 3

WILD 294 - Wildland Firefighting Experience – 1

WILD 299 - Wildland Fire Science Capstone – 1

positions as wildland firefighters. Classroom sessions in Technical Coursework are followed by fieldwork in all areas. .

Upon program completion students will be able to:

- Demonstrate and apply knowledge of basic wildland fire suppression strategies.
- Display knowledge of basic wildfire behavior.
- Maintain personal fitness and required conditioning for extended and multi-day wildfire assignments.
- Display basic knowledge of entry-level equipment use and land navigation.

*Any student who is ineligible for state, national, or industry licensure or certification is ineligible for entry into this program.*

**Certificate Requirements**

**Choose two courses from the following Wildland Fire Science General Education Requirements – 6-8 hours**

COMM 101 - Interpersonal Communications – 3

COMM 102 - Public Speaking – 3

ENG 102 - English Composition – 3

ENG 233 - Writing for Technical Professionals – 3

ENG 104 - English Composition and Rhetoric – 3

any science with a lab listed in the NMGECC – 4

or any Social Science, Fine Arts, or Humanities in the NMGECC – 3

**Technical Requirements – 14-15 hours**

WILD 100 - Introduction to ICS – 1

WILD 130 - Firefighter Training – 3

WILD 133 - Look Up, Look Down, Look Around – .5

WILD 134 - Lookouts, Communications, Escape Routes, and Safety Zones (LCES) – 1

WILD 180 - Human Factors in the Wildland Fire Service – .5

WILD 190 - Introduction to Wildland Fire Behavior – 1

WILD 211 - Portable Pumps and Water Use – 2

or WILD 212 - Wildland Fire Chain Saws – 3

WILD 260 - Interagency Incident Business Management – 2

WILD 270 - Basic Air Operations – 2

WILD 286 - Basic Land Navigation – 1

## **WILDLAND FIRE SCIENCE**

### **Certificate of Completion**

**20-23 credit hours**

The Certificate of Completion in Wildland Fire Science will prepare students to immediately pursue employment with private, municipal, state or federal wildland firefighting organizations and provides a stepping-stone to advanced training in wildland fire suppression strategies and fireline leadership. This one-year program emphasizes a core curriculum in fire suppression theories, techniques, and basic fire behavior. Upon completion students have the required training to apply for entry level



## COURSE DESCRIPTIONS

The courses listed below are guaranteed to transfer to any other public college or University in New Mexico toward fulfillment of the receiving institution's lower division general education requirements. These courses have been agreed upon by all institutions as part of the New Mexico Higher Education Department statewide common core of lower division general education. A receiving institution may or may not accept additional courses as fulfilling these requirements, but it must accept the courses listed in these matrices.

### ACCOUNTING (ACCT)

#### **ACCT 200 – Basic Bookkeeping and Accounting (3)**

Composition and implementation of a basic system. Areas of concentration include preparing the balance sheet, journalizing an open entry from the source document, journalizing and posting other daily transactions, preparing a trial balance on a worksheet, preparing adjusting entries and preparing a post-closing trial balance to complete the bookkeeping cycle.

#### **ACCT 201 – Introductory Accounting I (NMCCNS ACCT 2113) (4)**

Fundamental accounting principles and concepts, procedures in data accumulation presentation and preparation of financial statements; types of business entities and financing business entities.

#### **ACCT 202 – Introductory Accounting II (NMCCNS ACCT 2123) (4)**

An introductory course concerned with the use of financial and related information by managers and other persons inside specific organizations to make strategic, organizational and operations decisions. *Prerequisite:* ACCT 201.

#### **ACCT 204 – Basic Income Tax (3)**

Income tax forms and laws which affect a small business, including payroll and income tax returns, emphasizing individual taxes.

#### **ACCT 206 – Accounting for Small Business (3)**

Full charge bookkeeping activities for a small business. Payroll, payroll taxes with both state and federal tax payments and reporting, development and upkeep of a chart of accounts, combined journals, microcomputer accounting, preparation and analysis of financial statements. *Prerequisite:* ACCT 201.

#### **ACCT 209 – Microcomputer Accounting (3)**

Elementary accounting principles for business concerns with transactions recorded and processed using a microcomputer. A proprietary, integrated accounting software program will be used for numerous illustrative short problems. Emphasis will be on accounting areas which lend themselves to computerization. *Prerequisite:* ACCT 200 or 201.

#### **ACCT 212 – Advanced Bookkeeping (3)**

Procedures and practices in bookkeeping with emphasis on computerized accounting. Accounting software, Excel spreadsheets, and payroll software will be used to complete problems and practice sets for small businesses. *Prerequisites:* ACCT 202, ACCT 209, CAS 274.

#### **ACCT 214 – Volunteer Tax Preparer (2)**

Introduction to basic income tax return preparation issues and software for basic tax returns for low-income and elderly taxpayers. Students will be required to take a certification exam. *Prerequisite:* ACCT 204, *Co-requisite:* ACCT 214L.

#### **ACCT 214L – Volunteer Tax Preparer Internship (1)**

Students apply current tax code to prepare individual tax returns for low-income and elderly taxpayers. Thirty hours of volunteer tax return preparation work during spring term is required along with passing a certification examination. *Co-requisite:* ACCT 214.

#### **ACCT 215 – Certified Bookkeeper (3)**

Certification prep course including fundamental accounting principles and concepts, procedures in data accumulation, presentation and preparation of and adjustments to financial reports. Payroll, payroll laws and payroll tax processing are covered. Detailed examination of accounting for inventory, depreciation, internal controls and fraud. *Co-requisite/Prerequisite:* ACCT 201 or consent of instructor.

#### **ACCT 251 – Intermediate Accounting I (3)**

Theory pertaining to assets, special purpose funds, liabilities, the balance sheet, income and retained earnings statements. *Prerequisite:* ACCT 202. [ENMU-Portales accepts for ACCT 301].

#### **ACCT 268 – Workshop in Accounting (1-9)**

As announced. (May be repeated for credit).

#### **ACCT 289 – Internship (1-9)**

Student working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departamental review and course credit may require additional projects or assignments. *Prerequisites:* Consent of Instructor.

#### **ACCT 293 – Topics in Accounting (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

#### **ACCT 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite:* Consent of instructor.

### AGRICULTURE (AG)

#### **AG 268 – Workshop in Agriculture (1-3)**

As announced. (May be repeated for maximum of 4 credit hours).

#### **AG 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departamental review and course credit may



require additional projects or assignments. *Prerequisite:* Consent of instructor.

### **AG 293 – Topics in Agriculture (1-3)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **ANTHROPOLOGY (ANTH)**

### **ANTH/GEOG 103 – Humans and Their Environments (NMCCNS ANTH 1113) (3)**

The relationship between natural environment and human activities. A basic introduction to geography.

### **ANTH 105 – Introduction to Anthropology (3)**

An introduction to anthropology incorporating each of the four fields of this holistic study of humankind: archaeology, linguistics, biological and sociocultural.

### **ANTH/GEOG 233 – People and Cultures of the World (3)**

The diverse societies that exist in various geographical areas of the world, with emphasis on understanding relationships between cultural systems and natural environments.

### **ANTH 243 – Introduction to Cultural Anthropology (NMCCNS ANTH 2113) (3)**

A beginning course that emphasizes the study of cultures taking a cross-cultural perspective on language, health, foodways, economies, political systems, kinship, marriage and the family, the environment, sex and gender, identity and social inequality, globalization processes, and the arts.

### **ANTH 245 – Introduction to Archaeology (NMCCNS ANTH 2213) (3)**

An exploration of the discipline of archaeology and an illustration of how archaeologists use scientific methods and techniques to gather evidence about past human lifeways, behavior, and adaptation. Demonstrates how the resulting data are used to document worldwide ancient history (i.e., “prehistory”) and reconstruct past human behavior. *Co-requisite:* ANTH 245L.

### **ANTH 245L – Introduction to Archaeology Laboratory (NMCCNS ANTH 2213) (1)**

Laboratory provides hand-on experience in survey and excavation methods and in the analysis of archaeological specimens. *Co-requisite:* ANTH 245.

### **ANTH 268 – Workshop in Anthropology (1-3)**

As announced. (May be repeated for a maximum of 6 hours).

### **ANTH/GEOG 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites:* Consent of instructor.

### **ANTH 293 – Topics in Anthropology (1-3)**

As announced. (May be repeated for credit).

## **ART (ART)**

### **ART 101 – Beginning Drawing (3)**

An introduction to the basic principles, materials and skills of freehand drawing from life. The course synthesizes studies in representation, proportion, perspective, value and composition. Additional art supplies will be required. (Open to non-Art majors and minors).

### **ART 131 – Art Appreciation (NMCCNS ANTH 2213) (3)**

Introductory course exploring the visual arts. This lecture course surveys the role of arts in society. Emphasis on design principles and fine and applied arts.

### **ART 135 – Design I (3)**

An introduction to the basics of two-dimensional design, compositional development, and color theory. Emphasis is placed upon building an understanding of the visual vocabulary, compositional principles, and color theory as it is applied in projects and class sub-critiques.

### **ART 136 – Design II (3)**

An exploration of the visual elements and principles of 3-D design through classroom application and experimentation. *Prerequisite:* ART 135 or consent of instructor.

### **ART 137 – Drawing II (3)**

An extension of the student's drawing ability beyond ART 101. Guided work from life, imagination and abstraction, using a variety of media, methods and techniques. Special problems of drawing in pencil, pen and ink, wash, pastel and colored pencil. Includes advanced perspective and composition. Additional art supplies will be required. *Prerequisite:* ART 101 or consent of instructor.

### **ART 142 – Digital Media I (3)**

An introduction to the fundamental concepts and features of image editing computer software, including production of digital images, use of editing and special effects tools, clip art and scanning techniques. A working knowledge of a Windows operating environment is recommended. Additional art supplies will be required.

### **ART 143 – Digital Media II (3)**

Digital Imaging II will provide students the opportunity to further develop skills in the fundamental concepts and features of image editing computer software, including production of digital images, use of editing and special effects tools, vector images and actions. Additional supplies will be required. *Prerequisite:* ART 142.

### **ART 165 – Art History I (NMCCNS ANTH 2213) (3)**

Survey of the art of prehistoric and historic people in Western and non-Western cultures through the 16<sup>th</sup> century with exploration of cultural traditions in art by examining the impact of social, political and economic organizations.

### **ART 166 – Art History II (NMCCNS ANTH 2213) (3)**

Concentrates on Western and non-Western traditions from the

15<sup>th</sup> through the 20<sup>th</sup> century with exploration of cultural traditions in art by examining the impact of social, political and economic organizations. A continuation of ART 165.

#### **ART 206 – Human Figure I (3)**

Advanced drawing principles applied to the human form and its structure. Using a variety of materials, the emphasis will be on gesture, contour and proportion. The course is taught primarily with clothed and nude models. Additional art supplies will be required. *Prerequisite:* ART 101, or consent of instructor.

#### **ART 207 – Human Figure II (3)**

Further study of the human form from live models, sculpture and photography. With emphasis on placing figure in composition, the use of varied media and encouragement of individual direction. Students may choose to work in any medium available to them. Additional art supplies will be required. *Prerequisite:* ART 101 and ART 206 or consent of instructor.

#### **ART 210 – Digital Photography I (3)**

A basic course with an emphasis on the camera and design basics. Students must have access to a digital camera with adjustable features. There are no prerequisites for this class. This is a virtual arts class and views the camera as a tool in the hands of the artist. The primary objective of the class is to learn to create with the camera and to develop visual discrimination for the design photography. Students will become familiar with all the functions of the camera.

#### **ART 211 – Digital Photography II (3)**

Intermediate course with emphasis on studio techniques. Use creative lighting and subjects such as commercial portrait, wildlife and landscape. Students may use any professional format including 35mm.

#### **ART 221 – Painting I (3)**

Basic skills in painting with oils, and watercolors. Work from life, still life, landscape, composition and thematic concepts. Additional art supplies will be required. *Prerequisite:* ART 101 or consent of instructor.

#### **ART 222 – Painting II (3)**

A further study of artistic painting techniques which encourage a more individualized approach. The student is allowed more flexibility in choice of subject matter and in their choice of painting media. Additional art supplies will be required. *Prerequisite:* ART 101 and ART 221 or consent of instructor.

#### **ART 227 – Mural Painting I (3)**

Basic techniques of outdoor and indoor mural painting are demonstrated. Some art experience is helpful but none is required. This is part of an ongoing program to create murals. Students are expected to meet at various predetermined mural sites each week. (Open to non-Art majors and minors).

#### **ART 228 – Mural Painting II (3)**

Advanced techniques of outdoor and indoor mural painting are demonstrated and experienced. Students take a lead role in con-

cept and execution of each mural. Further study of art marketing through commissioned artworks is presented. This is part of an ongoing program to create murals in Ruidoso and surrounding communities. Students are expected to meet for additional lab time in lieu of homework. Students meet at various predetermined mural sites each week. (Open to non-Art majors and minors).

#### **ART 231 – Ceramics I (3)**

An introduction to basic clay forming techniques including pinch, coil, slab, wheel throwing and glaze application. Additional art supplies will be required. *Co-requisite:* ART 231L.

#### **ART 231L – Ceramics I Lab (1)**

Tutorial session designed to reinforce the skills developed in ART 231. *Co-requisite:* ART 231L.

#### **ART 232 – Ceramics II (3)**

Continuation of ART 231. A concentration on wheel throwing as well as glaze formulation, application and kiln firing techniques. Additional art supplies will be required. *Prerequisite:* ART 231 or consent of instructor. *Co-requisite:* ART 232L.

#### **ART 232L – Ceramics II Lab (1)**

Tutorial session designed to reinforce the skills developed in ART 232. *Co-requisite:* ART 232.

#### **ART 240 Art as a Profession (4)**

Course develops the necessary skills to work as a studio artist in today's art world. Emphasis on professional preparation in the art field, including artist statements, resume writing, producing a portfolio, photographic documentation, web-site design and content, exhibition planning and marketing skills. Emphasis is on art related problems. Additional art supplies will be required. *Prerequisite:* 15 credit hours in ART.

#### **ART 241 – Sculpture I (3)**

Methods, materials, and safety as applied to three-dimensional art fabrication. Additive and subtractive processes are covered and material may include stone, wood, steel, brass, clay and plaster. Additional art supplies will be required. *Prerequisite:* ART 106.

#### **ART 242 – Sculpture II (3)**

Continued exploration of 3-D concepts with emphasis on mixed media, special problems and an introduction of casting. Additional art supplies will be required. *Prerequisite:* ART 241.

#### **ART 250 – Plein Air Painting (3)**

Plein Air Painting is for the intermediate and expert painter. The course emphasizes plein air painting and acquiring the tools and knowledge necessary to handle the challenges of outdoor painting. In the tradition of "alla prima" students learn how to work quickly to capture the effects of light. Additional art supplies will be required. *Prerequisite:* ART 221 and 222.

#### **ART 259 – Masters Painting (3)**

Concentration on a sophisticated color palette and manipulation of media. Exploring personal statements. Continuation of paint-

ing with added emphasis on individual achievement and style. Continuation of painting skills to either specialize in one medium or pursue multi-media to develop personal style. Additional art supplies will be required. *Prerequisite: 12 credit hours in ART.*

#### **ART 268 – Workshop in Art (1-9)**

As announced. (May be repeated for credit).

#### **ART 289 – Art Internship (1-9)**

Upon recommendation of the instructor, the student may be placed in an art studio, museum, art gallery, or foundry. This opportunity provides the student with actual work experience in a professional setting. One credit per 60 hours of approved job experience. *Prerequisite: 18 credit hours in ART, a minimum GPA of 3.0 and instructors approval.*

#### **ART 293 – Topics in Art (1-4)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

#### **ART 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite: Consent of instructor.*

### **BILINGUAL EDUCATION (BLED)**

#### **BLED 201 – Introduction to Bilingual Education (3)**

A historical overview with a focus on present trends and practices.

#### **BLED 268 – Workshop in Bilingual Education (1-9)**

As announced. (May be repeated for credit).

#### **BLED 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisite: Consent of instructor.*

#### **BLED 293 – Topics in Bilingual Education (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **BIOLOGY (BIOL)**

#### **BIOL 109 – Survey of Anatomy & Physiology for Allied Health (3)**

This one-semester survey course is a study of normal structure and function of human anatomy and physiology, including an understanding of the relationship of all body systems in maintaining homeostasis. Topics to be covered include cells, tissues, and organ systems. This is an introductory course for students entering Emergency Medical Services, Mortuary Science, Occupational Therapy Assistant, Radiographic Technology or Respiratory Therapy. Not equivalent to BIOL 209/210. Credit not applicable toward Biology major/minor, Dental Hygiene, Nursing, or other Allied Health programs.

#### **BIOL 110 – Introduction to Wildlife and Fisheries Science (3)**

This course is an introduction to the fundamental principles of animal populations, communities and ecosystems, as well as the conservation and management of wild animals and their habitats. *Co-requisite: BIOL 110L required.*

#### **BIOL 110L – Introduction to Wildlife and Fisheries Science Lab (1)**

This laboratory course involves scheduled field visits to local sites of interest in wildlife and fisheries management and/or science. Includes an emphasis on field identification and record keeping. *Co-requisite: BIOL 110 required.*

#### **BIOL 111 – Environmental Science (3)**

This course provides an introduction to the broad discipline of environmental science in an interdisciplinary study, combining ideas from natural sciences and social sciences. The course examines general ideas of how nature works and how human populations affect natural systems. This course will identify environmental and resource problems and propose solutions to improve quality of life. Field visits are required.

#### **BIOL 111L – Environmental Science Lab (1)**

This course is a weekly laboratory to be taken in conjunction with BIOL 111. Laboratory sessions will apply topics from lecture to the laboratory setting and will utilize experiential learning to assist students in understanding basic biological, geological, and ecological principles. *Co-requisite: in BIOL 111 required.*

#### **BIOL 113 – Biology for General Education (NMCCNS BIOL 1113) (3)**

This course is an overview of the principles of biology including the scientific method, cell biology, genetics, evolution and ecology. This course will familiarize students with the world we live in and assist them in understanding and analyzing issues that affect our everyday lives. Credit is not applicable toward a biology major or minor. *Concurrent enrollment in BIOL 113L required.*

#### **BIOL 113L – Biology for General Education Laboratory (NMCCNS BIOL 1111) (1)**

This course is a weekly laboratory to be taken in conjunction with BIOL 113. Laboratory sessions will apply topics from lecture to the laboratory setting and will utilize experiential learning to assist students in understanding basic biological principles. *Concurrent enrollment in BIOL 113 required.*

#### **BIOL 154 – General Biology I: Subcellular through Organismic Biology (NMCCNS BIOL 1223) (3)**

This course serves as an introduction to subcellular and cellular mechanisms and organizations of biological systems, as well as biochemistry, cellular respiration, photosynthesis, cellular reproduction, genetics and evolution. Serves as an introductory course for students majoring in biology. *Concurrent enrollment in BIOL 154L required.*

#### **BIOL 154L – General Biology I: Subcellular through Organismic Biology Laboratory (NMCCNS BIOL 1221) (1)**

This course is a weekly laboratory to be taken in conjunction with BIOL 154. Laboratory sessions will apply topics from lecture to the laboratory setting and will utilize experiential learning to

assist students in understanding biological principles. Co-requisite: BIOL 154.

**BIOL 155 – General Biology II: Organismic through Supraorganismic Biology (NMCCNS BIOL 1213) (3)**

A survey of ecology and evolutionary biology leading to an introduction of the basic biology of animals, plants and micro-organisms. Serves as an introductory course for students majoring in biology. Co-requisite: BIOL 155L.

**BIOL 155L – General Biology II: Organismic through Supraorganismic Biology Laboratory (NMCCNS BIOL 1211) (1)**

This course is a weekly laboratory to be taken in conjunction with BIOL 155. Laboratory sessions will apply topics from lecture to the laboratory setting and will utilize experiential learning to assist students in understanding biological principles. Co-requisite: BIOL 155.

**BIOL 209 – Anatomy and Physiology I (NMCCNS BIOL 2413) (3)**

This course is part one of an integrated systems approach covering gross human anatomy, histology and physiological function. This section covers terminology, basic biochemistry, cellular metabolism, cell structure and cell function. Structural anatomy is included, covering the skeletal and muscular systems. The integumentary and digestive systems are studied, as well as whole-body nutrition and metabolism. Co-requisite: BIOL 209L required. BIOL 154/154L prerequisite.

**BIOL 209L – Anatomy and Physiology I Lab (NMCCNS BIOL 2411) (1)**

This course is a weekly laboratory to be taken in conjunction with BIOL 209. Laboratory sessions will apply topics from lecture to the laboratory setting and will utilize experiential learning to assist students in understanding principles of anatomy and physiology. Concurrent enrollment in BIOL 209 required. BIOL 154/154L prerequisite. Co-requisite: BIOL 209.

**BIOL 210 – Anatomy and Physiology II (NMCCNS BIOL 2423) (3)**

This course is part two of an integrated systems approach covering gross human anatomy, histology and physiological function. This section covers the major body systems including cardiovascular, lymphatic, respiratory, urinary, reproductive, nervous and endocrine systems. Co-requisite: BIOL 210L required. BIOL 154/154L and BIOL 209/209L are prerequisites.

**BIOL 210L – Anatomy and Physiology II Lab (NMCCNS BIOL 2421) (1)**

This course is a weekly laboratory to be taken in conjunction with BIOL 210. Laboratory sessions will apply topics from lecture to the laboratory setting and will utilize experiential learning to assist students in understanding principles of anatomy and physiology. Co-requisite: BIOL 210 required. BIOL 152/152L and BIOL 209/209L are prerequisites.

**BIOL 214 – Microbiology (NMCCNS BIOL 2513) (3)**

This course covers the fundamentals of microbiology including a general survey of microbes, growth and metabolism of microbes, genetics and evolution of microbes, host-microbe interactions and

a review of microbial control. Co-requisite: BIOL 214L. Prerequisites: BIOL 154/154L and CHEM 151/151L.

**BIOL 214L – Microbiology Laboratory (NMCCNS BIOL 2511) (1)**

This laboratory practice in techniques of identification and growth of microbes as well as the use of selective and differential media in microbial culturing. Co-requisite: BIOL 214. Prerequisite: BIOL 154/154L and CHEM 151/151L.

**BIOL 215 – Pathophysiology (4)**

This course provides a survey of human pathological processes and their effects on homeostasis. Emphasis is placed on interrelationships among organ systems in deviations from homeostasis.

**BIOL 216 – General Botany (3)**

This course provides an introduction to the physiology, morphology, and diversity of plants. Topics include plant anatomy and transport, reproduction, photosynthesis, ecology and a broad overview of the diversity of the land plants. Prerequisites: BIOL 155/155L. Co-requisite: BIOL 216L.

**BIOL 216L – General Botany Lab (1)**

This course is a weekly laboratory to be taken in conjunction with BIOL 216. Laboratory sessions will apply topics from lecture to the laboratory setting and will utilize experiential learning to assist students in understanding plant science. Co-requisite: BIOL 216.

**BIOL 222 – Cell Biology (3)**

This course will cover the origin and function of living systems, cellular structure and physiology, energetics and metabolism, differentiation, and multicellular systems.

**BIOL 234 – Introduction to Ecology (3)**

This course is an introduction to how organisms sustain themselves, maintain health and reproduce in the ecosystems in which they reside. Includes an introduction to how living things interact with their environment, including other organisms, and how organisms respond to the physical conditions of the habitat in which they live.

**BIOL 261 – Introduction to Vertebrate Zoology (3)**

This course is an introduction to the evolution, ecology and diversity of vertebrates. Topics include comparative anatomy and physiology, biogeography, community ecology, behavior and conservation of fishes, amphibians, reptiles, birds and mammals. Includes scheduled field visits. Prerequisites: BIOL 155/L.

**BIOL 266 – Ecology of the Southwest Uplands (3)**

The Ecology of the Southwest Uplands provides a basic overview of ecological principles as applied to the various life zones of southwest New Mexico including the organisms that characterize these areas and species prevalent in certain zones. This is a hybrid, field-based course with both an online component and an intensive field experience. Emphases are placed on identification and record-keeping in the field. Additional fees are associated with this offering. Co-requisite: BIOL 266L.

**BIOL 266L – Ecology of the Southwest Uplands Lab (1)**

The laboratory section of this course consists primarily of field



identification of flora and fauna native to the Sacramento Mountains and Tularosa Basin, and includes maintenance of a comprehensive field notebook as well as an oral presentation on a specific subject related to the course. Additional fees are associated with this offering. *Co-requisite: BIOL 266.*

#### **BIOL 268 – Workshop in Biology (1-9)**

As announced. (May be repeated for a maximum of 4 hours).

#### **BIOL 286 – Ecology of Big Bend (3)**

Ecology of Big Bend provides an overview of basic ecological principles as applied in the Chihuahuan Desert. This is a hybrid, field-based course with both an online component and an intensive field experience. *Co-requisite: BIOL 286L.*

#### **BIOL 286L – Ecology of Big Bend Lab (1)**

The laboratory section of this course consists primarily of field identification of flora and fauna native to Big Bend, and includes maintenance of a comprehensive field notebook and preparation of a presentation on a specific subject related to the course. This course includes camping for an extended period in occasionally harsh outdoor conditions in the Big Bend area of Texas. Additional fees are associated with this offering. *Co-requisite: BIOL 286.*

#### **BIOL 288 – Introduction to Tropical Biology (3)**

A week-long field course held at Las Cuevas Research Station in the Chiquibul Forest Reserve, Maya Forest, Belize (Central America). This course provides an overview of basic ecological principles as applied in the tropics. Includes a student designed and led small-scale research project. Field-based course with additional fees; students must possess a current passport. Vaccinations and anti-malarial pharmaceuticals may be required. *Co-requisite: BIOL 288L.*

#### **BIOL 288L – Introduction to Tropical Biology Lab (1)**

A week-long field course held at field stations in Belize, Central America. This course provides the field-based laboratory component for the associated lecture course where students conduct hands-on study of tropical ecosystems. Includes modules on field identification of flora and fauna, proper scientific record-keeping, and a student designed and led small-scale research project. Field-based course with additional fees; students must possess a current passport. Some vaccinations or anti-malarial prophylactics may be recommended. *Co-requisite: BIOL 288.*

#### **BIOL 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

#### **BIOL 293 – Topics in Biology (1-9)**

As announced. (May be repeated for credit).

#### **BIOL 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite: Consent of instructor.*

## **BUSINESS ADMINISTRATION (BUS)**

#### **BUS 151 – Introduction to Business (NMCCNS BUSA 1113) (3)**

The basic nature of business is an essentially market-disciplined economic system: the interdisciplinary nature of business and broad administrative principles governing organized human endeavor. Integrated study in the field of business. Discusses the whole business culture as a dynamic social system. Basic level to serve students majoring in any area of the University.

#### **BUS 201 – Business Communication (3)**

The vital role of effective communication in business and development of skill in business writing with emphasis on preparation of letters and reports; presenting information in a logically organized and acceptable form. Examines theory of communication, principles and techniques of effective business writing, verbal and nonverbal communication and organizational skills and an in-depth participatory look at the interviewing process. *Prerequisites: CAS 101 or equivalent or consent of instructor and ENG 102.*

#### **BUS 203 – Business Ethics (3)**

This course will study the subject of ethics within the modern business world and environment. Industry guidelines, the role of government, the degree of corporate social responsibility and accepted standards of conduct will be covered in the course. Students will practice the ethical decision-making process and examine cases of ethical dilemmas.

#### **BUS 206 – Today's Entrepreneur (3)**

This course is an introduction to the skills and personality traits needed to overcome the risks and efforts required to start and operate a new business. Topics also covered include the structure of ownership, sources of capital and information, dealing with diversity and uncertainty and the forces of changing social and economic conditions.

#### **BUS 210 – Employability Skills (2)**

This course is designed to help students/potential employees recognize and develop positive personal qualities in preparation for successful employment. It also focuses on the communications skills, including interviewing and resume preparation, customer service skills, effective interpersonal skills, productivity, ethical standards and career development that are in demand by employers.

#### **BUS 221 – Principles of Real Estate (3)**

Real estate as an academic and practical discipline; designed to introduce students to theory, principles, practices, problem-solving and decision-making techniques applicable to the purchase, transfer, lease, financing, appraisal, and brokerage of interests in land and buildings.

#### **BUS 230 – Business Law and Ethics I (3)**

Survey of the legal environment of business including the sources of law, dispute resolution and the U.S. court systems, crime, intentional torts, negligence, strict liability, contracts, introduction to the Uniform Commercial Code, ethics and social responsibility, ethical application of the law, relationship between ethics and the law. *Prerequisites: ENG 102, 104; COMM 101 or 102 or 202.*

### **BUS 234 – Launching a New Business (3)**

Entrepreneurial students will learn the process and activities that must be performed before launching a new business venture. The course will guide the student through the process of analyzing potential customers, the forces of competition, financial projections and the impact of the economic climate. This course will lead the student through the process of recognizing an opportunity, testing a business concept and communicating the business opportunity to potential investors and lenders.

### **BUS 241 – Business Mathematics (3)**

Application of the principles of mathematics in solving business problems, including: working with checking accounts, percentages, invoicing and discounts, markup and markdown, payroll, inventory, simple and compound interest, present and future value, taxes and business statistics. *Prerequisite:* MATH 106 or equivalent.

### **BUS 268 – Workshop in Business Administration (1-9)**

As announced. (May be repeated for credit).

### **BUS 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites:* Consent of instructor.

### **BUS 293 – Topics in Business Administration (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **BUS 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite:* Consent of instructor.

## **CHEMISTRY (CHEM)**

### **CHEM 113 – Chemistry for Today (NMCCNS CHEM 1113) (3)**

A survey of basic concepts in chemistry for non-science majors; chemistry of the real world and its role in modern technology and its effect on quality of life. *Prerequisites:* MATH 104 with a grade of "C" or higher or ACT math score of at least 21 or SAT math score of at least 550. *Co-requisite:* CHEM 113L.

### **CHEM 113L – Chemistry for Today Laboratory (NMCCNS CHEM 1111) (1)**

Hands-on experience with common chemicals. Designed with science education component. If students withdraw from CHEM 113 lecture, they must withdraw from the lab. *Co-requisite:* CHEM 113.

### **CHEM 121 – Survey of General Chemistry (3)**

A one-semester course in basic principles of general chemistry and its application. *Co-requisite:* CHEM 121L (unless prior credit has been earned). *Prerequisite:* Math 104 or higher.

### **CHEM 121L – Survey of General Chemistry Lab (1)**

Lab techniques to accompany CHEM 121. Three hours lab weekly. *Co-requisite:* CHEM 121.

### **CHEM 151 – General Chemistry I\* (NMCCNS CHEM 1213) (3)**

Basic laws and principles of chemistry, part I: Scientific notation, isotopes, atomic and molecular ions, states of matter, Lewis dot structures, periodic chart, ionic compounds, units, significant figures, density, classification of chemical reactions, chemical equations, atomic and molecular weights and molar masses, solutions and concentration, electromagnetic radiation and photons, atomic orbitals, atomic electronic configurations, ionization potentials, electronegativity, chemical bonds, dipole moments, intermolecular interactions, gases and an introduction to thermodynamics. Students withdrawing from this course must receive instructor's permission to continue in CHEM 151L. *Prerequisite:* MATH 119 with a grade of "C" or higher, MATH 119 may be taken concurrently. *Concurrent enrollment:* CHEM 151L.

### **CHEM 151L – General Chemistry I Laboratory\* (NMCCNS CHEM 1211) (1)**

Basic general chemical laboratory techniques. Students withdrawing from CHEM 151 may retain this course only with instructor's permission. *Co-requisite:* CHEM 151.

### **CHEM 152 – General Chemistry II\* (NMCCNS CHEM 1223) (3)**

Basic laws and principles of chemistry, part II: Molarity concentration, chemical equilibrium, acids and bases, molecular orbital theory, valence bond theory, kinetics, thermodynamics and advanced topics. Students withdrawing from this course must receive instructor's permission to continue in CHEM 152L. *Prerequisites:* CHEM 151/L; MATH 119 with a grade of "C" or higher. *Co-requisite:* CHEM 152L.

### **CHEM 152L – General Chemistry II Laboratory \* (NMCCNS CHEM 1221) (1)**

Basic general laboratory techniques, titration curves. Students withdrawing from CHEM 152 may continue in this lab only with instructor's permission. *Co-requisite:* CHEM 152.

### **CHEM 268 – Workshop in Chemistry (1-3)**

As announced. (May be repeated for maximum of 4 hours credit).

### **CHEM 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites:* Consent of instructor.

### **CHEM 293 – Topics in Chemistry (1-3)**

As announced. (May be repeated for credit if topics are different).

## **COMMUNICATION (COMM)**

### **COMM 101 – Interpersonal Communication (NMCCNS COMM 1213) (3)**

An introduction to the study of interpersonal communication that focuses on experiencing and expressing emotion, listening, developing interpersonal competence, and managing interpersonal conflict. Other topics include family, romantic relationships, friendship, and relationships in the workplace.

### **COMM 102 – Public Speaking (NMCCNS COMM 1113) (3)**

A practical introduction to the fundamental principles of public speaking that emphasizes audience analysis, reasoning, the use of evidence, and effective delivery. Students will prepare and deliver a range of professional presentations, including autobiographical, informative, persuasive, and impromptu speeches.

### **COMM 103 – Introduction to Mass Communication (3)**

A survey of the history and current trends in mass communication that focuses on media literacy and the relationship between mass media society. Topics include books, newspapers, radio, television, film, the Internet, advertising, public relations, global media, media law, and media ethics.

### **COMM 202 – Dynamics of Group Communication (3)**

Explores the principles and practices of effective participation in small groups, with emphasis on critical thinking, problem solving, organizational skills and cooperative methods. Combines a theoretical foundation with practical application to help students better understand the dynamics of group communication in both professional and social contexts, including exploration of group norms, group roles, leadership styles, cultures, and conflict.

### **COMM 204 – Foundational Writing for the Communication Field (3)**

Teaches the fundamentals of writing for the communication field by focusing on identifying, evaluating, constructing, and organizing effective persuasive arguments; conducting research and ethically documenting sources; and producing, efficient writing styles that can be adapted to various writing situations and industry standards within the communication field. *Prerequisite: ENG 102 and ENG 104*

### **COMM 205 – Beginning Reporting (3)**

Introduces students to fundamentals of news writing for all forms of mass media. Focuses on essential news gathering skills including interviewing, cultivating sources, generating story ideas, information-gathering strategies, reporting, writing, story components, news values, reporting principles, and Associated Press Style. Combines a theoretical foundation with practical application.

### **COMM 210 – Audio Production (3)**

Introduction to the principles and techniques of radio and television audio production. Course includes technical and creative use of microphones, mixing consoles, music, sound effects, and audio recorders for radio, television, and film sound tracks. Lab fee required. *Co-requisite COMM 210L. Prerequisite: COMM 103.*

### **COMM 210L – Audio Production Laboratory (NC)**

*Co-requisite: COMM 210L*

### **COMM 212 – Introduction to Digital Photography (3)**

Provides a comprehensive introduction to digital photography, including camera operation, software application, framing, news value and legal and ethical considerations. Students must own or have access to a digital camera with manual functions. Lab fee required.

### **COMM 215 – Newspaper Practicum (2)**

Practical experience through work on student newspaper or

yearbook as staff writers or editors under the supervision of the instructor. (May be repeated for a maximum of four hours).

### **COMM 231 – Argumentation Theory (3)**

Techniques of broadcast announcing, voice development, microphone techniques and practical experience with various material in broadcast situations.

### **COMM 250 – Techniques of Listening (3)**

Students learn principles and techniques of listening to improve their concentration level, interpersonal relationships and job effectiveness. Attitudes, behaviors and habits of effective listening are explored.

### **COMM 260 – Introduction to Public Relations (3)**

Introduction to the theory and practice of public relations, including its functions in organizations and society, as well as issues, concepts and theories. Emphasis on practical applications. Lab fee required.

### **COMM 268 – Workshop in Communication (1-9)**

As announced. (May be repeated for credit).

### **COMM 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **COMM 293 – Topics in Communication (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **COMM 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite: Consent of instructor.*

## **COMMUNICATIVE DISORDERS (CDIS)**

### **CDIS 144 – Introduction to American Sign Language (3)**

Develop basic visual/receptive and expressive signed communication skills with working vocabulary of 500 signs and “survival phrases.” Acquire basic information about ASL structure and grammar, including fingerspelling. Introductory information about deaf culture and deaf community.

### **CDIS 244 – American Sign Language I (3)**

Continuation of introductory ASL course. Increase vocabulary by 300+ signs with a primary focus on grammatical features, structure and syntax. Additional topics include advanced fingerspelling, numbers, classifiers and basic conversational functions. *Prerequisite: CDIS 144.*

### **CDIS 245 – American Sign Language II (3)**

Continuation of American Sign Language I, providing students with a more advanced study of sign lexicon, ASL structure and

grammar, and language in context. The course will focus on sign narratives and storytelling. Additional topics to be addressed will be ASL classifiers, spatial referencing and role shifting in narratives, Deaf culture, and Deaf history. *Prerequisite: CDIS 244.*

## **COMPUTER SCIENCE (CS)**

### **CS 121 – Computing Concepts (3)**

Introduction to computing disciplines: computer science and computer information systems. Topics may include: computer organization, programming languages, algorithms and problem solving. *Prerequisite: MATH 104 or ACT math score of at least 21 or SAT math score of at least 550.*

### **CS 123 – Programming Fundamentals (3)**

This class is a requirement for the Computer Technology, Associate of Applied Science degree. It is also useful for anyone interested in learning Programming Logic and Design fundamentals leading to programming. Students will become familiar with the fundamentals of programming logic and design, flow charting, pseudo code, Microsoft Visio Professional, and JAVA. Concepts and programming techniques fundamentals using JAVA to the practice and theory of Computer Science: I/O, operators and expressions, control structures, functions and arrays. *Prerequisite: MATH 104.*

### **CS 123L – Programming Fundamentals Lab (1)**

Lab provides students hands on programming using JAVA NETBEANS environment. This allows students to gain hands on experience of developing, testing, debugging and production programming processes.

### **CS 234 – Intermediate Programming (3)**

Concepts and application of programming technique fundamentals using JAVA in the practice and theory of Computer Science: Using I/O, operators and expressions, control structures, functions and arrays as part of coding, testing and implementing JAVA programs. *Prerequisite: CS123 Programming Fundamentals.*

## **CRIMINAL JUSTICE (CJ)**

### **CJ 102 – Introduction to Criminal Justice (3) (NMCCNS CRJI 1113)**

Analysis of crime, trends, law and society with an emphasis on the police, prosecution, the courts, corrections, probation and parole.

### **CJ 202 – Criminal Investigation (3)**

An overview of the science of criminal investigation. All aspects of the investigative process are surveyed from the preliminary crime scene investigation through prosecution and trial.

### **CJ 203 – Introduction to Corrections (3) (NMCCNS CRJI 2303)**

An overview and critical analysis of contemporary correctional theory and practice. Course compares mainline American corrections with historical, cross-cultural, philosophical and non-traditional views of corrections.

### **CJ 205 – Criminal Procedures (3)**

Criminal procedures, including laws of arrest, search and seizure and leading case law.

### **CJ 215 – Introduction to Policing in America (3)**

This course is a comprehensive look at the police industry and relevant issues in the United States, ranging from historical development of policing systems to analysis of the work of police officers and agencies. Issues of law enforcement fragmentation and jurisdiction will be explored along with specific topics related to community interaction, enforcement discretion deployment strategies, deviance, police mythology, use of force, personnel selection, socialization, tactics and stress. *Prerequisites: CJ/SOC 102 or graduation from a New Mexico police or corrections certification academy.*

### **CJ 225 – Gangs in American Society (3)**

Study of juvenile and adult groups that have joined together to engage in delinquent and criminal acts.

### **CJ 233 – Juvenile Justice (3) (NMCCNS CRJI 2603)**

A comprehensive overview of the contemporary juvenile justice system. Analysis of the philosophical aspects as well as the challenges and changes to the prevailing juvenile justice system. The New Mexico Children's Code is compared to policies and laws in other states.

### **CJ 234 – Victimization in American Society (3)**

Study of crime victims to understand the physical, psychological and economic impact of crime upon victims, their families and society; review of how the American justice system responds to victims.

### **CJ 268 – Workshop in Criminal Justice (1-9)**

As announced. (May be repeated for credit).

### **CJ 284 – American Judicial Systems (3) (NMCCNS CRJI 2503)**

Analysis of law and society with emphasis on the rights of the accused, the role of the district attorney, the judge, the defense attorney and legal terminology.

### **CJ 287 – Criminal Law (3) (NMCCNS CRJI 2053)**

A study of the general principles and doctrines of substantive criminal law to include the sources of law, classifying crimes and ideological perspectives. Legal definitions of crimes codified in the New Mexico Criminal Code are emphasized.

### **CJ 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **CJ 293 – Topics in Criminal Justice (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **CJ 294 – Practicum (3)**

Supervised practical field experience in a Criminal Justice agency. A minimum of six (6) hours per week will be in direct service or contact. One (1) hour per week supervision and critique of activities. *Prerequisites: CJ 102 and a minimum of nine credit hours in 200-level CJ courses.*



### **CJ 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite: Consent of instructor.*

## **DANCE (DNC)**

### **DNC 101 – Introduction to Dance (NMCCNS DANC 1013) (3)**

Introduction to fundamentals of dance technique, dance history and aesthetics studied through text, video and participation.

### **DNC 102 – Modern Dance I (3)**

Introduction and development of basic modern dance technique and its history approached through academic study and participation.

### **DNC 108 – Introduction to Ballet (2)**

Basic technique, vocabulary and classical ballet history approached through academic study and participation. Practical application of anatomical placement, posture and control.

### **DNC 268 – Workshop in Dance (1-9)**

As announced. (May be repeated for credit).

### **DNC 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **DNC 293 – Topics in Dance (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **EARLY CHILDHOOD EDUCATION (ECE)**

### **ECE 107 – Health, Safety and Nutrition (2)**

Standards and practice that promote children's physical and mental well-being, sound nutritional practices and maintenance of safe learning environments. Information for developing sound health and safety management procedures for indoor and outdoor learning environments for young children. Examines the many scheduling factors important for children's total development, healthy nutrition, physical activity and rest.

### **ECE 201 – Introduction to Language, Literacy and Reading (3)**

Prepares early childhood professionals for promoting children's emergent literacy and reading development. Addresses ways to foster young children's oral language development, phonemic awareness, and literacy problem solving skills, fluency, vocabulary, and comprehension. Foundation to become knowledgeable about literacy development in young children. Instructional approaches and theory-based and research-based strategies to support the emergent literacy and reading skills of Native speakers and English language learners.

### **ECE 220 – Professionalism in Early Childhood (2)**

Broad-based orientation to the field of early care and education. Early childhood history, philosophy, ethics and advocacy; basic principles of early childhood systems; multiple perspectives on early care and education. Professional responsibilities such as cultural responsiveness and reflective practice.

### **ECE 239 – Curriculum Development through Play: Birth through Pre-K (3)**

Places play at the center of curriculum in developmentally appropriate early childhood programs. Addresses content relevant for children birth through age four in developmentally and culturally sensitive ways of integrating content into teaching and learning experiences. Adapting content areas to meet the needs of children with special needs and the development of IFSPs. Curriculum development in all areas, including literacy, numeracy, the arts, health, science, social skills and adaptive learning for children, birth through age four. *Concurrent Enrollment 239L.*

### **ECE 239L – Curriculum Development through Play: Birth through Pre-K Practicum (2)**

Provides experiences that address curriculum content relevant for children birth through Pre-K in developmentally, and culturally sensitive, ways of integrating content into teaching and learning experiences. Adapting content areas to meet the needs of children with special needs and the development of IFSPs. Curriculum development in all areas, including literacy, numeracy, the arts, health, science, social skills and adaptive learning for children, birth through Pre-K. *Co-requisite: ECE 239.*

### **ECE 240 – Curriculum Development and Implementation: Age 3 through Grade 3 (3)**

Developmentally appropriate curriculum content in early childhood programs, age 3 through Grade 3. Development and implementation of curriculum in all content areas, including literacy, numeracy, the arts, health and emotional wellness, science, motor and social skills. Adapting content areas to meet the needs of children with special needs and the development of IEPs. *Co-requisite: ECE 240L. Prerequisite: ECE 239/L.*

### **ECE 240L – Curriculum Development and Implementation: Age 3 through Grade 3 Practicum (2)**

Provides experiences that address developmentally appropriate curriculum content in early childhood programs, age 3 through Grade 3. Development and implementation of curriculum in all content areas, including literacy, numeracy, the arts, health and emotional wellness, science, motor and social skills is emphasized. Information on adapting content areas to meet the needs of children with special needs and the development of IEPs. *Co-requisite: ECE 240.*

### **ECE 265 – Guiding Young Children (3)**

Various theories of child guidance and the practical applications of each. Developmentally appropriate methods for guiding children and effective strategies and suggestions for facilitating positive social interactions. Strategies for preventing challenging behaviors through the use of environment, routines and schedule.

Emphasis on helping children become self-responsible, competent, independent and cooperative learners; including families as part of the guidance approach.

### **ECE 280 – Family and Community Collaboration (3)**

Examines involvement of families and communities from diverse cultural and linguistic backgrounds in early childhood programs. Information on collaborative relationships with families in early childhood settings. Families' goals and desires for their children supported through culturally responsive strategies.

### **ECE 293 – Topics in Family and Consumer Sciences (1-3)**

As announced. (May be repeated for credit).

### **ECE 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite: Consent of instructor.*

## **ECONOMICS (ECON)**

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### **ECON 200 – Survey of Economics (3)**

An introductory level course in economics designed for non-business majors. Emphasis is placed on understanding of how economic principles apply to domestic and global issues in today's world.

### **ECON 221 – Principles of Macroeconomics (NMCCNS ECON 2113) (3)**

Interrelationships involving inflation, unemployment, gross national product, taxes, government spending and the domestic and world monetary systems.

### **ECON 222 – Principles of Microeconomics (NMCCNS ECON 2123) (3)**

Economics of resource allocation with applications to the current economic problems of poverty, agriculture, monopoly, labor unions and market structure.

## **EDUCATION FOUNDATIONS (EDF)**

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### **EDF 110 – Communication for Educators (3)**

Strategies for communicating with students, parents, administrators and the community. Topics include professional writing, public speaking (interpersonal and small group) and diversity in communication styles in educational settings. **NOTE:** This course is a general education course within the English section.

### **EDF 222 – Structured Observations of Teaching (3)**

Introduction to the study and practice of teaching. For students interested in pursuing a career in teaching and learning. Required for advancement in the Teacher Education Program. Must be completed with grade of "C" or higher. *Concurrent enrollment: EDF 222L.*

### **EDF 222L – Structured Observations of Teaching Laboratory (0)**

Students will be placed in K–12 public school settings. Concurrent enrollment: EDF 222.

### **EDF 250 – Introduction to Online Course Design (3)**

Introduction to learning management systems, course design and to online teaching and learning. Includes structure and organization of online courses, design and implementation of online activities and assessments, and creation and moderation of effective online discussion. *Prerequisite: Consent of Instructor and administrative approval. Required for new ENMU-Ruidoso online instructors.*

### **EDF 268 – Workshop in Education Foundations (1-9)**

As announced. (May be repeated for a maximum of (6) in all education workshops).

### **EDF 281 – Arts and Crafts for the Elementary Teacher (3)**

Application of techniques, methods, and materials of arts and crafts in the teaching of subject matter by the elementary classroom teacher. Additional art supplies will be required.

### **EDF 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **EDF 293 – Topics in Education Foundations (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **EDF 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite: Consent of instructor.*

## **EMERGENCY MEDICAL SERVICES (EMS)**

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### **EMS 100 – HeartSaver/CPR First Aid (1)**

The HeartSaver First Aid course teaches rescuers to effectively recognize and treat adult emergencies in the critical first minutes until emergency medical services personnel arrive. The course also provides a health and safety training solution for first aid, adult and pediatric CPR and AED.

### **EMS 101 – Basic Life Support Provider (CPR) (1)**

Covers the principles and techniques of basic cardiac life support, prudent living, risk factors and action for survival. Students will also acquire skills in airway and breathing management using adjuncts, an automatic defibrillator and initial management of life threatening situations. Upon completion, students are eligible for Basic Life Support Certification by the American Heart Association. This course has required pre-course work which must be successfully completed and turned in on the first day of class. Students not completing this work will not be allowed to attend the course. Contact the EMS instructor for more information. (May be repeated for credit).

### **EMS 103 – Wilderness First Aid (1)**

Provides comprehensive information about how to deal with medical and traumatic emergencies when help is hours, even days away. This course is suitable for outdoor recreationists and people who work or live in remote locations. This course uses the National Green Cross curriculum.

### **EMS 105 – First Responder (3)**

Provides initial basic pre-hospital life-saving knowledge and skills. First responders are individuals attained to assess patients and provide emergency care.

### **EMS 106 – First Responder Refresher (1)**

Reviews and updates the knowledge base and skills of the First Responder. *Prerequisite:* current First Responder care. (May be repeated for credit).

### **EMS 110 – Emergency Medical Responder to EMT (8)**

A continuation of the Emergency Medical Responder class. Upon successful completion, the graduate will have met all EMT requirements and will be eligible for licensure as an EMT. *Prerequisites:* Successful completion of New Mexico approved Emergency Medical Responder or Emergency Medical Responder Refresher course with 2 years, current BLS provider card, and satisfactory performance on a course pretest (administered on the first day of class). *Co-requisite:* EMS 113.

### **EMS 111 – EMT-Basic (6)**

Provides an introductory survey of emergency medical services with emphasis on intermediate care, aid and transportation of the sick and injured. Includes lecture, lab, clinical and capstone.

### **EMS 111L – EMT-Basic Practicum (5)**

Local EMS facilities will be used for application and practice of skills learned in EMS 111. Local EMS facilities will also be used in conjunction with this lab to provide field and hospital experience in EMS. *Co-requisite:* EMS 111.

### **EMS 114 – Introduction to Emergency Medical Services (3)**

An orientation to the principles and practices of pre-hospital emergency medical services including the history of EMS, EMT wellbeing, medical-legal, illness and injury prevention, ethics, survey of anatomy and physiology, life span development, communication skills, and a general overview of EMS.

### **EMS 130 – Out-of-State Transition (1-3)**

This course meets the requirements of the New Mexico Injury Prevention and EMS Bureau for EMT-Basic and Intermediate requesting reciprocity for New Mexico licensure. Included in this course are NM rules and regulations, scope of practice issues, and preparation for the NM state EMS exam. This course is offered each fall or upon request. *Prerequisites:* Students must apply for NM licensure and have received a confirmation letter from the NM IP/EMS Bureau.

### **EMS 135 – EMS Refresher (1.5)**

This 24 hour course meets the refresher requirements of the New Mexico EMS Bureau and/or National Registry of EMT. EMTs and

Advanced EMTs will receive a course completion certificate upon successful completion. Emergency Medical Responders will receive a course completion certificate and eight hours on continuing education. *Prerequisites:* Current EMT or Emergency Medical Responder License. Repeatable for credit.

### **EMS 175 – Advanced EMT (AEMT) (5)**

Provides the EMT-B with information covering New Mexico EMS as it affects the EMT-1. *Prerequisite:* Acceptance to EMT-1 program.

### **EMS 175L – Advanced EMT Lab (4)**

Uses local facilities for application of knowledge and practice of skills related to the intermediate care of patients learned in EMS 175. *Co-requisites:* EMS 175 and 176L.

### **EMS 176L – Advanced EMT Field/Clinical Practicum (1)**

Uses local clinical facilities for the clinical application of knowledge and the practice of skills related to the intermediate care of patients learned in EMS 175. Students may be required to travel to complete some clinical requirements. *Co-requisite:* EMS 175 AND 175L.

### **EMS 177 – Advanced EMT Capstone (.5)**

This final course is for the Advanced EMT student to demonstrate competency on cognitive knowledge and psychomotor skills. Successful completion of this course will allow the student to receive an EMT course completion certificate making them eligible to apply for licensing exams. Knowledge and skills from the core curriculum courses will be tested. Course may be repeated with instructor approval.

### **EMS 200 – Wilderness First Responder (3)**

This course provides students the knowledge and skills necessary to make critical medical decisions about patient treatment and evacuation in remote locations. This is a face-to-face course with heavy emphasis on practical application of learned skills and backcountry scenarios.

### **EMS 203 – Human Pathophysiology (3)**

This course provides a survey of human pathological processes and their effects on homeostasis. Emphasis is placed on interrelationships among organ systems in deviations from homeostasis.

### **EMS 265 – Neonatal Resuscitation Program (NRP) (1)**

Consists of eight lessons designed to teach the knowledge and skills necessary to effectively resuscitate the newborn. Upon successful completion of the program, students will be awarded a course completion card from the American Academy of Pediatrics and American Heart Association. *Prerequisite:* EMT, LPN, RN, or RCP. (Repeatable for credit). *\*This course has required pre-course work which must be successfully completed and turned in on the first day of class. Students not completing this work will not be allowed to attend the course. Contact the EMS Program for more information.*

### **EMS 270 – Teaching in EMS (3)**

Designed as an instructional methodology course which meets the 1994 National Standard EMT Basic Instructor Curriculum, in-

cluding the learning process, adult learner, principles of learning, course development, lesson planning, course coordination, and student evaluation. After successful completion of the didactic portion, the student will be required to successfully complete an 80 hour (minimum) competency based internship. Completion of this course **does not** imply any commitment by ENMU-Ruidoso or any New Mexico Emergency Bureau (EMSB) approved training program for employment. *Prerequisites:* New Mexico licensed EMT Intermediate or higher and a current AHS BCLS Instructor Card.

### **EMS 271 – Management in EMS (3)**

Focuses on human resources, quality management, managed care, legal and regulatory aspects of EMS, protocol development, EMS operations, patient account services, and developing community support. Intended for EMS personnel desiring to become managers or who are already in management roles.

### **EMS 272 – EMS Communications (3)**

Focuses on system status control, telecommunications/radio communication technology, statewide EMS communications, medical priority dispatching, legal aspects of communication, and computer aided dispatching. Intended for EMS dispatching, management, and field personnel. It is not an Emergency Medical Dispatcher course.

### **EMS 273 – EMS Computer Applications (3)**

Introduces computer applications with an emphasis on those used in the Out-hospital environment. Focuses on word processing, hand-held computers, pen-chart applications, EMS data entry, and communication applications.

### **EMS 285 – EMT Paramedic Refresher (3)**

Reviews and updates the knowledge base and skills of the currently certified EMT Paramedic. This course meets National Registry of EMTs and the New Mexico EMS Bureau requirements for a Paramedic Refresher. This course may meet in a traditional format, web-based, or in combination of the two. *Prerequisites:* Current EMTP license. (Repeatable for credit).

### **EMS 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisite:* Consent of instructor.

### **EMS 290 – Critical Care EMT-Paramedic (6)**

This course will consist of 80 hours (classroom/skills). The content will include laboratory data collection, hemodynamic monitoring, 12 Lead EKG monitoring, implantable cardioverter defibrillator and cardiac pacemakers, intra-aortic balloon pumps, feeding tubes, catheters and ostomies, ventilators, invasive lines, IV pumps, pressure infusers, and much more. Upon successful completion of this course the student will receive Critical Care EMT-Paramedic course completion certification from UMBC Emergency Health Services, which is valid for 3 years. *Prerequisite:* Paramedic or registered nurse who has worked in that capacity for two (2) years.

### **EMS 295 – Pediatric & Neonatal Critical Care (5)**

The Pediatric and Neonatal Critical Care Transport Program is designed to prepare paramedics, nurses and respiratory therapists to function as members of a pediatric and neonatal critical care transport team. Critical pediatric patients that must be transported between facilities require a different level of care from hospital or emergency field patients. *Prerequisites:* Current NRP and PALS Provider Card. *Co-requisites:* EMS 265 (if not a current NRP Provider).

### **EMS 293 – Topics in Emergency Medical Services (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **EMS 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for the Emergency Medical Services program as evidenced by successfully completing the AEMT National Registry Written Exam. This course must be successfully completed the final semester prior to graduation.

## **ENGLISH (ENG)**

### **ENG 097 – Preparatory Composition (3)**

Specific instruction in composing, with an emphasis on preparing students for college-level reading and writing. This course will emphasize critical reading strategies and will provide instruction in sentence and paragraph development, as well as an introduction to the essay and writing for academic purposes. Credit not applicable to associate degree.

### **ENG 097L – Preparatory Composition Lab (1)**

This lab offers self-paced computer-assisted instruction designed to reinforce the English and writing skills developed in ENG 097. *Credit not applicable toward degree requirements.*

### **ENG 102 – Composition (NMCCNS ENGL 1113) (3)**

An introduction to college-level reading and writing, with an emphasis on the writing process, critical reading strategies, drafting academic essays and the standards of academic discourse. As part of the requirements for this course, students will generate a portfolio of 16-20 pages of formal, revised, polished work. Placement by College Placement Test score. *Must earn grade of "C" or higher.*

### **ENG 104 – Composition and Research (NMCCNS ENGL 1123) (3)**

A continuation of ENG 102. Specific instruction in college-level writing and research, with an emphasis on argumentation and rhetorical strategies, as well as academic research and analysis. As part of the requirements for this course, students will generate a portfolio of 20-50 pages of formal, revised, polished work and deliver a research-driven multimedia presentation. *Prerequisite:* ENG 102 with a grade of "C" or higher; *must earn a grade of "C" or higher.*

### **ENG 211 – Introduction to Literature (NMCCNS ENGL 2213) (3)**

Elements of the short story, the novel, poetry and drama;



mythology, literary terms, basic techniques of each literary form; practice in writing about literature. (3) Overview of British literature from Beowulf to Eighteenth Century. *Prerequisite:* ENG 102.

**ENG 221 – British Literature Survey I (NMCCNS ENGL 2213) (3)**  
Overview of British literature from Beowulf to eighteenth Century.

**ENG 222 – British Literature Survey II (NMCCNS ENGL 2423) (3)**  
Overview of British literature from Pre-Romanticism to the Contemporary period. *Prerequisite:* ENG 102.

**ENG 233 – Writing for Technical Professionals (3)**  
Sentence and paragraph grammar applied to professional and technical writing, including email, reports, proposals, letters and other media. Placement by College Placement Test score. *Must earn grade of “C” or higher.*

**ENG 251 – American Literature Survey I (NMCCNS ENGL 2513) (3)**  
Literatures of U.S. territories from their beginnings in pre-colonial Native American oral narratives to 1865. Overview of American Literature from the earliest works to the Civil War. *Prerequisite:* ENG 102.

**ENG 252 – American Literature Survey II (NMCCNS ENGL 2513) (3)**  
An overview of U.S. American literatures from 1865 to the present. *Prerequisite:* ENG 102.

**ENG 268 – Workshop in English (1-9)**  
As announced. (May be repeated for credit).

**ENG 275 – The Motion Picture (3)**  
Criticism of film as an art and literary form; selected films with attention to composition and final impact.

**ENG 281 – Comparative Mythology (3)**  
An introduction to the mythology of various cultures. Offers a broad multicultural acquaintance with the literary masterpieces of world mythology from its beginning to the present. *Prerequisite:* ENG 102.

**ENG 289 – Internship (1-9)**  
Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor, departmental review and course credit. May require additional projects or assignments. *Prerequisite:* Consent of instructor.

**ENG 293 – Topics in English (1-3)**  
As announced. (May be repeated for credit with consent of instructor and administrative approval).

**ENG 299 – Programmatic Capstone (1)**  
In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite:* Consent of instructor.

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## ENVIRONMENTAL AND POLLUTION CONTROL TECHNOLOGY (ENPT)

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**ENPT 141 – Principles of Industrial Hygiene (3)**  
Concepts in threshold limits, dose response, and general recognition of occupational hazards, including sampling statistics, calibration, and equipment use. A study of the control of occupational hazards and sample collection and evaluation methods.

**ENPT 144 – Environmental Sampling/Analysis (3)**  
Sampling protocol, procedures, quality control, preservation technology, and field analysis. Emphasis on analysis commonly performed by the field technician.

**ENPT 149 – Environmental Regulations (3)**  
An in-depth study of the major federal and state environmental regulations. Covers all pertinent regulatory requirements and strictures affixed to industry by agencies such as the RRC, DOT, FERC, DOE and OSHA.

**ENPT 200 – Department of Transportation (DOT) (3)**  
A detailed study of the United States Department of Transportation regulations with emphasis on identifying applicable regulations recommending compliance strategies in the transport of dangerous and hazardous materials. Examination of the regulatory requirements for employees and employers involved in all modes of transportation, including road, rail, aircraft, and marine vessels.

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## FAMILY AND CONSUMER SCIENCES (FCS)

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**FCS 221 – Child Growth, Development and Learning (3)**  
Young children, prenatal through age eight, provides students with the theoretical foundation for becoming competent early childhood professionals. Includes knowledge of how young children grow, develop and learn. Major theories of child development are integrated with all domains of development, including biological-physical, social cultural, emotional, cognitive and language. The adult's role in supporting each child's growth, development and learning.

**FCS 268 – Workshop in Family and Consumer Sciences (1-3)**  
As announced. (May be repeated for a maximum of 6 hours).

**FCS 293 – Topics in Family and Consumer Sciences (1-3)**  
As announced. (May be repeated for credit).

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## FILM (FILM)

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**FILM 209/HIST 209 – Lincoln County War through Film (3)**  
Course content includes motion picture films and documentaries related to the Lincoln County War. Content also includes criticism of major motion pictures.

**FILM 268 – Workshop in Film (1-9)**  
As announced. (May be repeated for credit).

**FILM 289 – Internship (1-9)**  
Students working in a related field may receive one credit per

60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites:* Consent of instructors.

### **FILM 291 – Directed Studies (1-3)**

This course allows the student to investigate in depth some subject matter that is not covered in the courses regularly offered by ENMU-Ruidoso. Assignments must as a minimum require 30 hours of work per credit hour, in the form of a substantial research paper, study or project. *Prerequisite:* completion of Directed Studies Request Form, consent of instructor and administrative approval. (May be repeated for credit).

### **FILM 293 – Topics in Film (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **FILM 294 – Practicum (3)**

Supervised experience in film making. A minimum of six (6) hours per week are in direct service or contact. One (1) hour per week supervision and critique of activities.

## **FINANCE (FIN)**

### **FIN 201 – Principles of Finance (NMCCNS FIN 2113) (3)**

Concepts and techniques of financial management. Also included are the time value of money, basic instruments of financing, financial planning, capitalization and marketing of securities. *Prerequisites:* ACCT 201, 202; MATH 119.

### **FIN 206 – Finance for Small Business (3)**

This course offers a general introduction to the study of financial management, with an emphasis on the small business. The course covers issues such as sources of capital, financial statement analysis, time value of money, budgeting, financial structures and other factors that influence the financial decisions of small business management.

### **FIN 268 – Workshop in Finance (1-9)**

As announced. (May be repeated for credit).

### **FIN 287 – Personal Finance (3)**

Relating personal financial goals to financial management including credit use, savings, tax considerations and risk management. Financial planning and instruments such as insurance, mortgages, securities and credit cards. *Prerequisites:* ENG 104, MATH 106.

### **FIN 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites:* Consent of instructor.

### **FIN 293 – Topics in Finance (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **FIRE SCIENCE (FIRE)**

### **FIRE 101 – Introduction to Fire Science (3)**

History and philosophy of fire protection, and review of statistics of loss of life and property by fire. Introduction to agencies involved in fire protection and career orientation, recruitment and training for fire departments, pay, current related problems, and future of expanding fire service.

### **FIRE 103 – Fire Protection Hydraulics and Water Supply (3)**

This course provides the student the basics of water supply, through hydrants, drafting and water shuttles. The course will introduce the student to the basic skills and knowledge required to operate a fire pump that provides the necessary water supply while maintaining the mechanical soundness of the pump. The students shall learn the necessary skills and abilities to obtain water from sources other than hydrants at the fire ground, and operate a tanker shuttle to provide adequate water supply for firefighting operations.

### **FIRE 104 – Intro to Origin and Cause Determination (1.5)**

This course provides the student with education that explores the analytical and systematic approach relating to fire scene investigations involving crime scenes, accidental causes, and the collection of evidence. This course is designed to provide the entry level student with the basic education needed to conduct and origin and cause determination, preserve evidence, and collect data relevant to basic fire causes, as outlines in NFPA 1001, 1021, and 1033. This course will assist in preparing you for contemporary methods of fire investigations.

### **FIRE 105 – Fire Investigation (3)**

This course provides the student with education and training to develop and enhance the fire investigator student's ability to consistently conduct a proper fire investigation. This course will focus on the relationship between the NFPA 921 and NFPA 1033, the identification of fire patterns, methods of evidence collection, documenting the fire scene, and utilizing the Scientific Method of Fire Investigation. This course is designed to meet all requirements of NFPA 1033, Standard for the Professional Qualifications of Fire Investigators.

### **FIRE 107 – Hose and Hydrant Testing (1.5)**

This short course provides the student with the skills and knowledge to understand the theory and practical skills necessary for hose and hydrant testing according to NFPA standards. Class will include documentation methods of testing and proper calculation of flows.

### **FIRE 108 – Managing a Volunteer Fire Service (3)**

An all-encompassing study of management needs and practices for volunteer fire departments. Special emphasis is placed on funding, recruitment, retention, morale, and safety within the volunteer fire service. The needs and the future role of the volunteer fire service within society are also discussed.

### **FIRE 109 – Physical Fitness for Fire Fighters (1)**

This course teaches all aspects of fitness for the firefighter. Students will learn how to develop strength, cardiovascular endurance, and flexibility in a participatory learning environment.

Students are coached through workouts designed to improve strength in target muscle groups and develop the students' cardiovascular ability and fitness.

#### ***FIRE 111 – Structural Firefighter I (4)***

This course provides an overview to fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives.

#### ***FIRE 111L – Structural Firefighter I Laboratory (2)***

This course is the lab portion of the Structural Firefighter 1 curriculum, and must be taken along with FIRE 111 Structural Firefighter 1. This lab course provides the student with the hands on demonstration, training, and testing of fire protection and emergency services; organization and function of public and private fire protection services; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives. Co-requisite: FIRE 111

#### ***FIRE 112 – Structural Firefighter II (4)***

This course provides an overview to fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives.

#### ***FIRE 112L – Structural Firefighter II Laboratory (2)***

This course is the lab portion of the Structural Firefighter II curriculum, and must be taken along with FIRE 112 Structural Firefighter 2. This lab course provides the student and advanced understanding, and master of firefighting skills with hands on demonstration, training, and testing of fire protection and emergency services; organization and function of public and private fire protection services; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives. Co-requisite: FIRE 112

#### ***FIRE 114 – Fire Command Strategies and Tactics (3)***

This course examines strategies and tactics from the incident commander's viewpoint. The student will be challenged with decision making through a variety of occupancies as the student utilizes basic firefighting procedures and considerations from today's fire service. This course explores the company officer's role on the fire ground. Areas of study include fire behavior, truck company functions, engine company functions, safety, pre-fire planning and hazardous materials response.

#### ***FIRE 116 – Basic Wildland Firefighting I (FFT2) (3)***

This course provides instruction in the primary factors affecting the start and spread of wildfire and recognition of potentially hazardous situations. Foundational skills universal to all Wildland firefighters will be taught and a mandatory, instructor-led field day exercise is also included. Concepts and skills that are taught in the course will be performed and evaluated on the field day exercise. This course makes the student eligible to become a Type 2 Wildland Firefighter. (Equivalent to NWCG L-180, S-130, and S-190). Equivalent with NATR 171.

#### ***FIRE 117 – Hazardous Material Awareness and Operations (3)***

This course provides the student with the education and skills to operate at a Hazardous Materials Incident at the Awareness and Operations Level, as outlines in NFPA 472, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents and OSHA 29 CFR 1910.120. This course provides the student with the basic skills and abilities to identify hazardous materials, how to immediately address spills, leaks, and fires at hazardous materials incidents, and how to setup and maintain a decontamination line/team to support hazardous materials technicians during large operations.

#### ***FIRE 119 – Basic Auto Extrication (2)***

This course introduces the student to the basic concepts and skills of motor vehicle components, motor vehicle stabilization, motor vehicle extrication, and safety while operating within a motor vehicle accident scene.

#### ***FIRE 121 – Fire Service Administration I (3)***

This course introduces the student to the duties and responsibilities of an entry level fire officer. This course provides the student with elementary concepts of leadership and basic management styles, company operations, and administration at the first-line supervisory level. Topics include human resource management, organization structure, and public relations and budget management. Upon successful completion of this course, the student will be able to find ways to effectively manage human resources; community/public relations; fire department organization and administration, including budgets, reports, and planning; fire inspection, investigation, and public education; emergency service delivery; and safety, per NFP Standard 1021, Fire Officer Professional Qualifications.

#### ***FIRE 122 – Fire Service Administration II (3)***

This course provides the students with a more in-depth study of management principles, theories and techniques for leadership in a fire department. Topics include oral and written communications, group dynamics and safety practices relating to the fire service. This course is designed to meet the requirements set forth by NFPA 1021, Fire Officer Professional Qualifications.

#### ***FIRE 124 – Fire Service Instructor I (3)***

This course educates the students to be fire service instructors, including how to organize and teach a course effectively using existing lesson plans. This course educates the students on how to be more proficient in his or her work and how to use available resources. Also covers how to develop outlines, prepare classes, evaluate students and prepare tests. The student will participate

in practice teaching, and be expected to be proficient in basic educational delivery prior to completion.

#### ***FIRE 125 – Fire Service Instructor II (3)***

This course educates the student to use instructional methodologies that address various learning styles and teaching methods, and to plan and develop lessons and programs for the purpose of delivering instruction. Upon successful completion of this course, the student will be able to describe and define instructional terms; use reference materials; use various instructional methods and techniques; use instructional material and aids; evaluate learning; maintain training records and reports; describe concepts of learning; maintain training record and reports; describe concepts of learning; use communications methods and skills; and be aware of instructor roles and responsibilities. This course is designed to train the student as outlined in NFPA 1041, Fire Service Instructor Professional Qualifications.

#### ***FIRE/NATR 148 – Introduction to Fire Based Geographic Information Systems (GIS) (3)***

Geographic information systems (GIS) are geospatially referenced databases that relate positions or points or areas to data and properties. This course introduces students to fundamental concepts and principles of maps and GIS and applies these technologies to natural resources and wildland fire management (No NWCG equivalent; may serve as preparation for NWCG S-341).

#### ***FIRE 150 – Building Construction for Fire Prevention (3)***

This course provides the components of building construction related to firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, pre-planning fire operations, and operating at emergencies.

#### ***FIRE 152 – Advanced Fire Behavior and Combustion (3)***

This course will provide the student with an advanced understanding of the underlying principles involved in the movement and spread of structural fires. This course shall include an understanding of the effects of building construction, ventilation, and furnishings, as well as examine the dynamics of ignition, flame spread, and room fire growth and development. Hazardous Materials/Weapons of Mass Destruction Incidents and OSHA 29 CFR 1910.120.

#### ***FIRE 154 – Principles of Code Enforcement (3)***

This course provides the student with a focused study of the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, water supply for fire protection, and portable fire extinguishers. This course provides the student with advanced level training regarding the operation, maintenance, and testing of Fire Protection Systems.

#### ***FIRE 156 – Fire Protection System (3)***

This course provides the student with a comprehensive understanding of structural fires and suppression tactics. This course introduces the student to essential subjects such as Fire Flow Formulas, Offensive and Defensive Attacks, Strategy and Tactics, Direct and Indirect Attacks, Incident command System, and fire ground Evaluations.

#### ***FIRE 158 – Principles of Emergency Services (3)***

This course provides an overview to fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives.

#### ***FIRE 160 – Principles of Fire and Emergency Services Safety and Survival (3)***

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services.

#### ***FIRE 204 – Structural Firefighting Tactics and Strategies (3)***

This course provides the student with a comprehensive understanding of structural fires and suppression tactics. This course introduces the student to essential subjects such as Fire flow Formulas, Offensive and Defensive Attacks, Strategy and Tactics, Direct and Indirect Attacks, Incident Command system, and Fire ground Evolutions.

#### ***FIRE 207 – Advanced Auto Extrication (3)***

This course covers advanced vehicle rescue utilizing the latest techniques and equipment, ranging from basic hand tools to hydraulic tools and power saws. Scene safety and victim stabilization will be emphasized. Implementation of the incident command system will be stressed.

#### ***FIRE 268 – Workshop in Fire Protection Technology (1-9)***

As announced. (May be repeated for credit).

#### ***FIRE 289 – Internship (1-9)***

Students working in related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites:* Consent of instructor.

#### ***FIRE 293 – Topics in Fire Protection Technology (1-9)***

As announced. (May be repeated for credit with consent of instructor and administrative approval).

#### ***FIRE 299 – Programmatic Capstone (1)***

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite:* Consent of instructor.

### ***FRENCH (FR)***

#### ***FR 101 – Beginning French (NMCCNS FREN 1114) (4)***

Development of speaking, reading and writing skills and introduction to linguistic structures in a cultural context.



### **FR 102 – Continuation of Beginning French (NMCCNS FREN 1124) (4)**

Second semester of Beginning French. *Prerequisite:* FR 101 or equivalent (consult with instructor).

### **FR 201 – Intermediate French (NMCCNS FREN 2113) (3)**

Grammar review and discussion of introductory literary texts from throughout the French speaking world. *Prerequisite:* two semesters of Beginning French or equivalent (consult with instructor).

### **FR 202 – Continuation of Intermediate French (NMCCNS FREN 2123) (3)**

Second semester of Intermediate French. *Prerequisite:* FR 201 or equivalent (consult with instructor).

### **FR 268 – Workshop in French (1-3)**

As announced. (May be repeated for credit).

### **FR 293 – Topics in French (1-3)**

As announced. (May be repeated for credit).

## **GEOGRAPHY (GEOG)**

### **GEOG/ANTH 103 – Humans and Their Environments (NMCCNS GEOG 1113) (3)**

The relationship between natural environment and human activities. A basic introduction to geography. (Does not count towards anthropology major).

### **GEOG/ANTH 233 – People and Cultures of the World (NMCCNS GEOG 1213) (3)**

The diverse societies that exist in various geographical areas of the world, with emphasis on understanding relationships between cultural systems and natural environments.

### **GEOG 268 – Workshop in Geography (1-9)**

As announced. (May be repeated for credit).

### **GEOG/ANTH 289 – Internship (1-9)**

Students working in a related field may receive on credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments.

### **GEOG 293 – Topics in Geography (1-9)**

As announced. (May be repeated for a maximum of 6 with consent of instructor).

## **GEOLOGY (GEOL)**

### **GEOL 113 – The Geological Environment (NMCCNS ENVS 1113) (3)**

Geological processes and hazards, resources, and environmental problems including population growth, earthquakes and other natural disasters, water resources, and waste disposal. *Co-requisite:* GEOL 113L.

### **GEOL 113L – The Geological Environment Laboratory (1) (NMCCNS ENVS 1111)**

Materials and processes of the solid earth. Laboratory sessions

will apply topics from lecture to the laboratory setting and will utilize experiential learning to assist students in understanding geological principles. *Co-requisite:* GEOL 113.

### **GEOL 123 – Earth Resources (3)**

The occurrence, exploitation and use of Earth resources including metals, agricultural chemicals and minerals, industrial rocks and minerals, energy resources, soil and water resources.

### **GEOL 123L – Earth Resources Laboratory (1)**

Identification and study of important rock and mineral commodities. Solving of practical problems faced by resource geologists. *Co-requisite:* GEOL 123.

### **GEOL 151 – Physical Geology (NMCCNS GEOL 1113) (3)**

This course will cover Earth materials and the important internal as well as surface processes shaping Earth. *Co-requisite:* GEOL 151L.

### **GEOL 151L – Physical Geology Laboratory (NMCCNS 1111) (1)**

This lab course will cover materials and processes of the solid Earth. Lab sessions will apply topics from lecture to the lab setting and utilize experiential learning to assist student learning of geologic principles. *Co-requisite:* GEOL 151.

### **GEOL 268 – Workshop in Geology (1-9)**

As announced. (May be repeated for a maximum of 4 hours).

### **GEOL 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisite:* Consent of instructor.

### **GEOL 293 – Topics in Geology (1-9)**

As announced. (May be repeated for credit with permission of advisor).

### **GEOL 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite:* Consent of instructor.

## **GERMAN (GER)**

### **GER 101 – Beginning German (4)**

Development of speaking, reading and writing skills and introduction to linguistic structures in a cultural context.

### **GER 102 – Continuation of Beginning German (4)**

Second semester of Beginning German. *Prerequisite:* GER 101 or equivalent with instructor approval.

### **GER 268 – Workshop in German (1 -9)**

As announced. (May be repeated for credit).

### **GER 293 – Topics in German (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

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## **HEALTH INFORMATION TECHNOLOGY (HIT)**

### **HIT 120 - Introduction to Health Information Technology I (4)**

Health Data Content and Structure presents an overview of health-care delivery and examines the role of various providers and disciplines throughout the continuum of healthcare services and the information system policies and procedures required by national health information initiatives. Emphasis is placed on the origin, use, content, and format of health records; storage and retrieval systems, numbering and filing systems, record retention procedures, and the basic functions of the health information division such as abstracting, incomplete chart control, and release of information accreditation and licensure standards applicable to health records.

### **HIT 130 - Introduction to Electronic Health Records (3)**

This course is an introductory level course in the processes and systems that make up the electronic health record. Emphasis is on the content, format, storage and retrieval of electronic medical records and the different major software packages currently in use of electronic health records

### **HIT140 - Health Care Related MATH (Methods of Problem Solving) (3)**

This course presents strategies for solving mathematical problems; topics include sequences, sets, counting, probability, descriptive statistics, linear and exponential modeling.

### **HIT 160 - Pharmacology for Allied Health Systems (3)**

This course introduces students to classifying medications into correct drug categories and applying basic pharmacology principles. Students identify common medications, methods of medication preparation, storage and administration of medications. Documentation and legal standards are also discussed.

### **HIT 211 - Introduction to Coding (3)**

This course provides an overview of Coding. It focuses on the guidelines and convention used in coding diagnoses and procedures using the International Classification of Diseases (ICD) Clinical Modifications (CM), Volumes 1, 2 and 3. Using case scenarios, students interpret medical record information, choose the required coding classification and assign and sequence codes. NOTE: This course was developed for introducing basic diagnosis coding skills. If any user chooses to have reimbursement or revenue cycle information available, it will need to be added to the basic course information presented here.

### **HIT221 - Health Information Legal (3)**

The course involves the study of legal principles governing health information management, and the medical record as a legal document. Standards and regulations governing access and releasing of medical records by various groups and agencies are covered. Remote release of information activities are also covered in this course.

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## **HEALTH AND PHYSICAL EDUCATION (HPE)**

### **HPE Activities Courses**

#### **HPE 103 – Racquetball (1)**

#### **HPE 104 – Dance Aerobics-Golden (1)**

#### **HPE 108 – Dance Aerobics-Wild**

#### **HPE 109 – Aqua Aerobics (1)**

#### **HPE 110 – Latin Dance Aerobics-Mild (1)**

#### **HPE 111 – Walking/Jogging (1)**

#### **HPE 112 – Latin Dance Aerobics-Wild (1)**

#### **HPE 115 – Personal Defense (1)**

#### **HPE 116 – Volleyball (1)**

#### **HPE 123 – Stretch and Tone (1)**

#### **HPE 124 – Weight Training (1)**

#### **HPE 125 – Social Dance (1)**

#### **HPE 127 – Aquatic Exercise (1)**

#### **HPE 128 – Lifelong Wellness (1-2)**

#### **HPE 130 – Pilates (1)**

#### **HPE 132 – Golf I (1)**

#### **HPE 133 – Beginning Hiking (1)**

#### **HPE 134 – Intermediate Hiking (1)**

#### **HPE 135 – Group Resistance Training (1)**

#### **HPE 136 – Group Strength and Stretch (1)**

#### **HPE 137 – Kickbox Conditioning (1)**

#### **HPE 139 – Group Stationary Cycling (1)**

#### **HPE 146 – Swim for Fitness (1)**

#### **HPE 155 – Basic Horsemanship (1)**

#### **HPE 221 – Weight Training (1)**

#### **HPE 222 – Intro to Skiing (1)**

#### **HPE 223 – Intro to Snowboarding (1)**

#### **HPE 232 – Golf II (1)**

### **HPE Non-Activity Courses**

#### **HPE 121 – Concepts of Health/Wellness (3)**

Concepts of physical, mental/psychological and social health; implications for lifelong health and wellness as influenced by personal behavior choices.

#### **HPE 141 – Exercise and Wellness Education (2)**

Designed as an introductory course at the College level. Covers many areas in the broad field of physical fitness and wellness education. The primary purpose of this course is to acquaint students with basic knowledge, understanding and values of wellness as they relate to optimal, healthful living.

#### **HPE 142 – Fundamentals of Physical Well-Being (1)**

Concepts of physical well-being; introduction to a variety of lifetime physical activities; cognitive components of physical fitness, nutrition, stress management, disease prevention and other health-related topics.

#### **HPE 220 – First Aid (2)**

Fundamentals, techniques and practices of first aid and COR. Prepares persons to make appropriate decisions and administer emergency first aid to victims of serious injuries until medical service can be secured. CPR and first aid certification may result upon successful completion of the course.

#### **HPE 268 – Workshop in Physical Education (1-9)**

As announced. (May be repeated for credit).

### **HPE 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisite: Consent of instructor.*

### **HPE 293 – Topics in Physical Education (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **HISTORY (HIST)**

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### **HIST 101 – Survey of American History to 1877 (NMCCNS HIST 1113) (3)**

Development of American principles and ideals from the colonial era through the early national period; issues in sectional divergence, the Civil War and Reconstruction.

### **HIST 102 – Survey of American History since 1877 (NMCCNS HIST 1123) (3)**

Changes which brought the urban/industrial society of today into being; World War I and II and after.

### **HIST 121 – Survey of Western Civilization to 1500 (NMCCNS HIST 1053) (3)**

Egyptian, Mesopotamian and Cretean civilizations; early Greek political and intellectual development; Rome and the rise of the Christian Church; life and society in the medieval period; and the Renaissance in Italy and the North.

### **HIST 122 – Survey of Western Civilization since 1500 (NMCCNS HIST 1063) (3)**

The Protestant Reformation and the birth of the modern world; rise of Absolutism, reactions to the rise in war and revolution; Western technology, social and intellectual history; and political trends to the present.

### **HIST 203 – New Mexico (NMCCNS HIST 2113) (3)**

New Mexico's Indian, Spanish, Mexican and American epochs; internal development and problems in the state; New Mexico's place in the United States.

### **HIST 205 – Lincoln County History (3)**

History of the Lincoln County region and the Mescalero reservation. Course includes formation of the town of Lincoln, history of key institutions and people and history of the region framed in national and international context.

### **HIST 207 – Lincoln County War (3)**

History of the Lincoln County War including origin of the war, related events, key figures and social context of war in the American West.

### **HIST 268 – Workshop in History (1-9)**

As announced. (May be repeated for credit).

### **HIST 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60

hours of approved job experience. Job approval is determined by instructor, departmental review and course credit. May require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **HIST 293 – Topics in History (1-9)**

As announced. (May be repeated with credit with consent of instructor and administrative approval).

### **HIST 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite: Consent of instructor.*

## **HOSPITALITY & TOURISM (HRTM)**

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### **HRTM 151 – Introduction to Hospitality Management (3)**

An overview of the hospitality industry – lodging, food and beverage, tourism development, events management, club and resort management.

### **HRTM 200 – Management of Food & Beverage Operations (3)**

Introduction to the unique atmosphere of the restaurant industry through real world exposure to what restaurant managers experience in daily operations. Topics covered include leadership styles, personnel management, customer service, purchasing and a professional development plan.

### **HRTM 201 – Basic Hotel and Restaurant Accounting (3)**

This is an introductory course in accounting principles for hospitality accounting concepts and procedures, the processing of hospitality financial data and the preparation and analysis of financial statements to aid in managerial decisions.

### **HRTM 205 – Hospitality Supervision (3)**

This course familiarizes students with topics such as supervisory and management processes, effective communications and supervisory responsibilities, establishing productivity standards, controlling labor costs, motivating, discipline and managing conflict.

### **HRTM 208 – Managing Front Office & Housekeeping Operations (3)**

This course introduces the student to the management of the critical front office and housekeeping departments. Topics include customer service, revenue management techniques, planning, organizing and staffing. Techniques for increased coordination between the two functions will also be stressed.

### **HRTM 210 – Marketing for the Hospitality Industry (3)**

This course familiarizes students with the essential skills of defining a service market, developing a market plan and directing personnel to follow the plan. Emphasis is on marketing in the hospitality industry and understanding segmentation, positioning and promotion in that market.

### **HRTM 220 – Special Attractions and Events Management (3)**

An introduction to organizing special events from concept through completion, including planning, coordination, marketing, financing and risk management. Overview of the critical stages and func-

tion involved in staging and managing special events including meetings, conferences, entertainment, expositions, conventions and sporting events.

#### **HRTM 230 – Customer Service Management (3)**

This course includes a focus on courtesy, an essential function of the hospitality industry, emphasizing personal and interpersonal relationships in a work environment. Students acquire skills in human relations and methods of improving communications. Also included is an examination of the organization and management of the hotel front office and guest service operations.

#### **HRTM 240 – Catering and Food Management (3)**

Restaurants and catering operations are multi-faceted and require a broad understanding of basic business principles. Topics discussed include operational procedures that are unique to the restaurant and catering industry, types of events and how to service efficiently, hands-on application of food set-up and menu design with emphasis on developing successful catering events.

#### **HRTM 245 – Managing Hospitality Human Resources (3)**

This course will provide the student with the latest strategies for attracting workers, minimizing turnover and maximizing productivity. Topics also include labor market issues, legal and political environments and corporate cultures.

#### **HRTM 250 – Hotel/Resort Operations Management (3)**

This course includes a more detailed presentation of hotel and motel operations and management in specific areas including front desk operations, housekeeping and sanitation, food and beverage and facility management.

#### **HRTM 252 – Security and Loss Prevention for the Hospitality Industry (3)**

This course covers security issues that are key concerns at every property. It includes a discussion of physical security, asset protection, guest protection, security equipment, emergency management and OSHA requirements.

#### **HRTM 255 – Planning and Control for Food and Beverage (3)**

This course covers the principles and procedures involved in an effective food and beverage control system, including standards determining the operating budget, cost-volume-profit analysis, income and cost control, menu pricing, labor cost control and computer applications. *Prerequisites:* MATH 106 with a grade of "C" or higher or a placement test score into MATH 113, 119, or higher.

#### **HRTM 268 – Workshop in Hospitality and Tourism (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

#### **HRTM 289 – Hospitality Internship (1-12)**

A practical experience required to complete the Hospitality & Tourism degree. Presentation of a detailed work experience report will be required.

#### **HRTM 293 – Topics in Hospitality & Tourism Management (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

#### **HRTM 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite:* Consent of instructor.

### **HOSPITALITY AND TOURISM – CULINARY ARTS (HTCA)**

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#### **HTCA 151 – Introduction to Culinary Arts (3)**

An overview of a career in the culinary arts field. Introduction to the history of the industry, kitchen and cooking terminology, commercial kitchen equipment and atmosphere and basic food handling and preparation.

#### **HTCA 260 – Sanitation and Safety (3)**

The primary focus of this course is on food service sanitation and food service safety. The student will learn food handling practices to avoid food borne illness of guests and employees, proper reactions if an incident should occur and provide and cultivate a safe working environment for all employees and guests.

#### **HTCA 262 – Food Preparation I (3)**

This course is designed to prepare the student for either a career in the hospitality and tourism food service management field or culinary arts. It will involve discussions of various styles of cuisine and proper methods of food and equipment handling. Included is an introduction to kitchen design, workflow, techniques and application of basic food production principles. *Prerequisite:* HTCA 151. *Co-requisite:* HTCA 262L.

#### **HTCA 262L – Food Preparation I Lab (1)**

Provides the student with hands-on experience in food preparation, kitchen design and workflow. *Co-requisite:* HTCA 262L.

#### **HTCA 263 – Food Preparation II (3)**

This course will involve a transition from basic to more advanced foods skills. Sanitation practices will be re-emphasized and reinforced. The course will explore the culinary arts from a managerial perspective dealing with such subjects as menu planning, restaurant development, front of house service and beverage service. *Prerequisite:* HTCA 262. *Co-requisite:* HTCA 263L.

#### **HTCA 263L – Food Preparation II Lab (1)**

Provides the student with hands-on experience in advanced food preparation as well as restaurant management applications. *Co-requisite:* HTCA 263L.

#### **HTCA 265 – Global Cuisines (3)**

This course builds on skills learned in Food Preparation I and II and adds an international appeal to cooking and presentation. The course includes planning and preparing complete international meals. *Prerequisite:* HTCA 262 and 263. *Co-requisite:* HTCA 265L.

#### **HTCA 265L – Global Cuisines Lab (1)**

Reinforcement of skills learned in HTCA 265. *Co-requisite:* HTCA 265.



### **HTCA 266 – Specialty Cooking (3)**

This course covers the fundamentals of specialty positions in a commercial kitchen including baking, cold preparation, sauces and fry cook. It will include exposure to commercial equipment and processes. It will include exposure to commercial equipment and processes. *Prerequisite:* HTCA 151.

### **HTCA 266L – Specialty Cooking Lab (1)**

Provides the student with hands-on experience baking a variety of foods using commercial equipment and processes. *Co-requisite:* HTCA 266.

### **HTCA 268 – Workshop in Culinary Arts (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **HTCA 270 – Beverage Management: Alcoholic and Non-Alcoholic Beverages (2)**

This course provides the fundamentals of identification, production, purchasing and service of spirits, wine and beer products. Emphasis is on developing plans for marketing, menu developing and cost.

### **HTCA 271 – Beverage Management – Wines of the World (1)**

This course will teach students about the beverage industry as it relates to the hospitality and tourism industry. Tastings will have an integral part of the class, with lecture and discussion of such topics as the history, production, storage, merchandising, marketing and appreciation for the various types of beverages. *Prerequisite:* Must be 21 and show proof of age.

### **HTCA 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor, departmental review and course credit. May require additional projects or assignments. *Prerequisite:* Consent of instructor.

### **HTCA 293 – Topics in Culinary Arts (1-9)**

As announced. (May be repeated for credit with the consent of the instructor and administrative approval).

### **HTCA 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite:* Consent of instructor.

## **HUMANITIES (HUM)**

### **HUM 105 – Introduction to Women's Studies (3)**

The history of women represented in popular culture, literature and art, and the female experience in relationships, education and employment. Emphasis on interactions of race, class and gender.

### **HUM 221 – Introduction to World Humanities (3)**

Classical world traditions; African, Asian, European and Native American, including their philosophies, arts, literature and history in selected representative works.

### **HUM 222 – Introduction to Modern World Humanities (3)**

Modern world cultures of Africa, Asia, Europe and North and South America; their philosophies, arts, literature and history in selected representative works.

### **HUM 268 – Workshop in Humanities (1-9)**

As announced. (May be repeated for credit).

### **HUM 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites:* Consent of instructor.

### **HUM 293 – Topics in Humanities (1-9)**

As announced. (May be repeated for credit of instructor and administrative approval).

## **HUMAN SERVICES (HS)**

### **HS 202 – Introduction to Alcohol & Drug Abuse (3)**

This course provides a broad overview of the field, including issues of alcohol and other drugs in history and society; definitions and prevalence of alcohol and drug use, misuse and addiction; major theoretical perspective on the causes and remedies of substance abuse; major landmarks in alcohol and drug social policy; and the development of evolution of the alcohol and drug abuse counseling field.

### **HS 203 – Biopsychosocial Foundation of Alcohol & Drug Abuse (3)**

A comprehensive survey of the contributions of biology, medicine, psychology, sociology, anthropology and other disciplines to the understanding of substance use disorders and addictive disease. Research is presented from genetics, neurochemistry, learning theory, socialization and cultural views of addiction and recovery.

### **HS 204 – Principles of Prevention & Research in Alcohol & Drug Abuse (3)**

This course provides a broad overview of the methods and effectiveness of primary, secondary and tertiary prevention efforts. Emphasis is given to research supported strategies directed to individuals, communities and special populations. Prevention is examined from both risk factor and protective factor perspectives.

### **HS 205 – Principles of Treatment & Recovery in Alcohol & Drug Abuse (3)**

This course defines the legal and ethical scope of practice for alcohol and drug counselors; surveys the research support for the effectiveness of alcohol and drug abuse treatments; provides an understanding of the processes of change, relapse and recovery; and imparts skills in self-help facilitation, cognitive-behavioral techniques and motivational interviewing approaches in individual counseling.

### **HS 206 – Alcohol & Drug Abuse Counseling: Families & Groups (3)**

This course emphasizes the techniques and skills required for counseling with families and groups, including systems theory, family intervention, employee assistance practice and group processes.



### **HS 207 – Alcohol & Drug Abuse Counseling: Special Populations (3)**

Introduction to various theories based on their currency, contribution and comprehensiveness. Theories discussed will address their own theoretical constructs and their views on development, motivation, dysfunction and psychological health.

### **HS 268 – Workshop in Human Services (1-9)**

As announced. (May be repeated for credit).

### **HS 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours or approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **HS 293 – Topics in Human Services (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **HS 294 – Practicum (3)**

Supervised experience in Human Services Agency. A minimum of six hours per week will be in direct service or contact. One hour per week supervision and critique of activities.

## **INFORMATION SYSTEMS (IS)**

### **IS 101 – IT Essentials I: PC Hardware, Software, and Practical Applications (4)**

Covers the fundamentals of computer hardware and software as well as advanced concepts. The basics of computer hardware and Network Operating Systems (NOS) technologies are introduced in a lab-oriented environment.

### **IS 102 – Computer Technician's Practical Applications (3)**

The Practical Applications class will give the technician the hands-on experience with equipment and hardware that most companies and businesses are likely to have on a network environment. The student will learn best practices and procedures for almost any user or operator workstation or peripherals, from printers to secure network connections. Students will have the opportunity to build or rebuild a workstation computer, in order to gain a better understanding of how digital information flows within the multiple components.

### **IS 121 - IT Essentials II: Network Operating Systems (3)**

This course covers the installation and administration of Network Operating Systems including Microsoft Windows and Linux. Students will be instructed in both lecture and hands-on labs,

including server setup, server configuration, basic administration of common networking services and security administration with an emphasis on network communication protocols.

### **IS 131 – Computer and Security Fundamentals (3)**

A comprehensive overview of network security concepts that include: remote access, e-mail, the Web, directory and file transfer, wireless data, common network attacks, cryptography, operational/organizational security, disaster recovery, business continuity, and Cyber Ethics. Students are prepared and take the CompTIA Security + Exam.

### **IS 136 – Guide to Business Continuity and Disaster Recovery (3)**

Presents methods to identify vulnerabilities and take appropriate countermeasures to prevent and mitigate failure risks for an organization. It will take an enterprise-wide approach to developing a disaster recovery plan.

### **IS 140 – Introduction to WEB Design and Management (3)**

This course focuses on creating and managing Web sites, the tasks and tools involved in building and maintaining a WEB site, and the WEB administrator's roles, responsibilities and challenges.

### **IS 151 – Basic Computer Skills (3)**

This course covers microcomputer operations; terminology, concepts and applications including Microsoft Access, Excel, Internet Explorer, PowerPoint, and Word. Students who do not have a working knowledge of the computer keyboard and mouse should take a keyboarding course before registering for this class.

### **IS 153 – Introductions (Foundations) of Information Systems (3)**

Information systems are an integral part of all business activities and careers. This course is designed to introduce students to contemporary information systems and demonstrate how these systems are used throughout global organizations. The focus of this course will be on the key components of information systems – people, software, hardware, data, and communication technologies, and how these components can be integrated and managed to create competitive advantage. Through the knowledge of how IS provides a competitive advantage students will gain an understanding of how information is used in organizations and how IT enables improvement in quality, speed, and agility. This course also provides an introduction to systems and development concepts, technology acquisition, and various types of application software that have become prevalent or are emerging in modern organizations and society. The course introduces Information Assurance and INFOSEC process. Includes participating in the National Cyber League Competition.

### **IS 160 – Overview of Operating Systems and Utilities (3)**

This course is an overview of computer operating systems from PCs to mainframes. Including OS theory and structure as well as an introduction to systems control parameters, utilities, services and command language. *Prerequisite: IS 153.*

### **IS 170 – Systems Analysis & Design (3)**

This course discusses the processes, methods, techniques and tools that organizations use to determine how they should conduct their business, with a particular focus on how computer-based technolo-

gies can most effectively contribute to the way business is organized. The course covers a systematic methodology for analyzing a business problem or opportunity, determining what role, if any, computer-based technologies can play in addressing the business need, articulating business requirements for the technology solution.

#### **IS 241 – Introduction to Web Design (3)**

This course provides students with an introduction to the HTML language's structure and syntax. The course examines supporting tools such as CSS. Basic fundamentals of Internet related technologies and their impact. Effective design of World Wide Web pages using current WWW publishing language. The course provides the basics in creating a web page or updating and maintaining an existing web site. Students will become familiar with the elements of HTML and Cascading Style Sheets. *Prerequisite:* CS123 *Programming Fundamentals*.

#### **IS 242 – Advanced Web Design and XML Languages (3)**

This course provides students with an introduction to the XML language's structure and syntax. The course examines supporting tools such as XSL and CSS. This course is an intermediate web design course that goes into some scripting and dynamic page rendering. *Prerequisites:* CS123 and IS241.

#### **IS 250 – IT Infrastructure (3)**

This course provides an introduction to IT infrastructure issues for students majoring in Information Systems. It covers topics related to both computer and systems architecture and communication networks, with an overall focus on the services and capabilities that IT infrastructure solutions enable in an organizational context. The course focuses strongly on Internet-based solutions, computer and network security, business continuity, and the role of infrastructure in regulatory compliance.

#### **IS 253 – Firewalls and How They Work (3)**

This course introduces students to the design and implementation of firewalls. The course covers such topics as firewalls using CISCO Routers, Microsoft server platform and UNIX platform. Focuses on how firewalls function in these environments and the basic steps to plan and implement firewalls. *Prerequisite:* IS 131 or *Instructor's permission*.

#### **IS 257 – Ethical Hacking, Computer and Network Defense and Counter Measures (3)**

This course examines the tools, techniques and technologies used in the technical securing of information assets. Students will receive in-depth information about the software and hardware components of Information Security and Assurance. This class will immerse the students into an interactive environment where they will be shown how to scan, test, hack and secure their own systems. The lab intensive environment gives each student in-depth knowledge and practical experience with the current essential security systems. Students will begin by understanding how perimeter defenses work and then be lead into scanning and attacking their own networks, no real network is harmed. Students then learn how intruders escalate privileges and what steps can be taken to secure a system. Students will also learn about Intrusion Detection, Policy Creation, Social Engineering, DDoS Attacks, Buffer Overflows and Virus Creation. This course

prepares you for EC-Council ANSI accredited Certified Ethical Hacker exam 312-50. *Prerequisite:* IS 131.

#### **IS 258 – Cyber Ethics, Professionalism, and Career Development (3)**

This course exposes the student to the topic of Cyber Ethics, Professionalism, and Career Development. The course provides students seeking a career in Cyber Security insight on professional behavior required in a security job and how to develop a professional career in Cyber Security.

#### **IS 259 – Computer Forensics (4)**

This course exposes the student to the topic of Computer Forensics and Investigation. The course provides the student with methods to properly conduct a computer forensics investigation beginning with a discussion of ethics. Topics covered include fundamental concepts, history of computing forensics, file structures, data recovery techniques, computer forensic tools, analysis and application. The objectives of this course map to International Association of Computer Investigative Specialist (IACIS).

#### **IS 268 – Workshop in Computer Information Systems (1-9)**

As announced. (This course may be repeated for credit).

#### **IS 270 – Data and Information Management (3)**

The course will also include coverage of basic database administration tasks and key concepts of data quality and data security. In addition to developing database applications, the course helps the students understand how large-scale packaged systems are highly dependent on the use of DBMSs. Building on the transactional database understanding, the course provides an introduction to data and information management technologies that provide decision support capabilities under the broad business intelligence umbrella.

#### **IS 272 – Introduction to Human-Computer Interaction (3)**

This course provides an introduction to the field of human-computer interaction (HCI), an interdisciplinary field that integrates cognitive psychology, design, computer science and others. Examining the human factors associated with information systems provides the students with knowledge to understand what influences usability and acceptance of IS. This course will examine human performance, components of technology, methods and techniques used in design and evaluation of IS. Societal impacts of HCI such as accessibility will also be discussed.

#### **IS 281 – Spreadsheets and Data Analysis (3)**

Evaluation of and advanced applications of electronic spreadsheets. Basic concepts of business statistics, data analysis, and management science integrated in a contemporary spreadsheet environment. The course emphasizes practical applications and business decision making. *Prerequisites:* STAT 213.

#### **IS 282 – Business Process Management (3)**

In this course students will be introduced to key concepts and approaches to business process management and improvement. The main focus of this course is both understanding and designing business processes. Students will learn how to identify, document, model, assess, and improve core business processes. Students will be introduced to process design principles.

### **IS 283 – IT Audit and Controls (3)**

This course introduces the fundamental concepts of the information technology audit and control function. The main focus of this course is on understanding information controls, the types of controls and their impact on the organization, and how to manage and audit them.

### **IS 284 – Innovation and New Technologies (3)**

New IS technologies are being used to change how organizations operate, produce products and services, and communicate both internally and as well as with external partners. This course is designed to introduce students to new and innovative technologies and examine how these powerful systems have fundamentally reshaped modern organizations along with our society.

### **IS 287 – Application Development (3)**

The purpose of this course is to introduce the students to the fundamental concepts and models of application development so that they can understand the key processes related to building functioning applications and appreciate the complexity of application development. Students will learn the basic concepts of program design, data structures, programming, problem solving, programming logic, and fundamental design techniques for event-driven programs. Program development will incorporate the program development life cycle: gathering requirements, designing a solution, implementing a solution in a programming language, and testing the completed application.

### **IS 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignment.

### **IS 290 – IT Security and Risk Management (3)**

This course provides an introduction to the fundamental principles and topics of Information Technology Security and Risk Management at the organizational level. Students will learn critical security principles that enable them to plan, develop, and perform security tasks. The course will address hardware, software, processes, communications, applications, and policies and procedures with respect to organizational IT Security and Risk Management.

### **IS 293 IT – Topics in Computer Information Systems (1-9)**

As announced. (This course may be repeated for credit with consent of instructor and administrative approval).

### **IS 298 – Programmatic Capstone/Cybersecurity Challenge Elective Course (3)**

To offer engaging, entertaining, measurable, and scalable methods of learning to enlist a new generation of cybersecurity professionals. These games will be created and optimized for individuals and teams and are designed to provide hands-on experiences and challenges to help students to develop and improve cybersecurity skills and problem-solving abilities. All games will be conducted remotely, in virtual Cyber Stadiums, equally accessible to all. *Prerequisites: Faculty Approval.*

### **IS 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite: Consent of instructor.*

## **MANAGEMENT (MGT)**

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### **MGT 201 – Principles of Management (3)**

Includes analysis of organization and systems for coordinating use of resources. Historical perspectives as well as management function analysis.

### **MGT 206 – Retail Management for Small Business (3)**

This course studies the total management efforts needed to operate a retail establishment effectively. It addresses the manager's strategy of operation as well as the requirements of daily operations, and does so from the standpoint of the specific decisions a retail manager must make to achieve success. The retail management course addresses buying, marketing, merchandising, operations, inventory control, personnel and finance.

### **MGT 239 – Small Business Management (3)**

Fundamentals of starting and operating a small business. Location, financing, organization, sales promotion and their relationship to a successful business.

### **MGT 268 – Workshop in Management (1-9)**

As announced. (May be repeated for credit).

### **MGT 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **MGT 293 – Topics in Management (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **MARKETING (MKT)**

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### **MKT 201 – Principles of Marketing (NMCCNS MKTG 2113) (3)**

Functions, organizations and methods involved in marketing agricultural and manufactured products; marketing problems, policies and trends. ENMU-Portales accepts for MKT 301.

### **MKT 206 – Marketing for Small Business (3)**

This course is a general introduction to fundamental marketing principles and policies as they apply to the small business. Topics covered include; marketing functions, price policies and controls, trade channels, merchandising, sources of marketing with other activities of the business.

### **MKT 268 – Workshop in Marketing (1-9)**

As announced. (May be repeated for credit).



### **MKT 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites:* Consent of instructor.

### **MKT 293 – Topics in Marketing (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **MATHEMATICS (MATH)**

### **MATH 094 – Pre-Algebra (4)**

Review of fractions, decimals and percents. Operations in algebra, real number operations, first-degree equations and inequalities, exponents. Credit not applicable to associate or baccalaureate degrees. Co-requisite: MATH 094L.

### **MATH 094L – Pre-Algebra Lab (1)**

Tutorial session designed to reinforce the mathematics skills developed in MATH 094. Credit not applicable toward degree requirements. Co-requisite: MATH 094.

### **MATH 097 – Basic Math (3)**

This course is intended as a mathematics refresher for students prior to taking MATH 104 or MATH 113. Students will review properties of whole numbers, fractions, decimals and percentages, and their relationships to one another. AN examination of data, graphs and other rudimentary statistics is included. Geometric relationships such as volume and surface are covered. Credit not applicable toward degree requirements. Grade of “C” or higher required.

### **MATH 097L – Basic Math Lab (1)**

Tutorial session designed to reinforce the algebra skills developed in MATH 094. Credit not applicable toward degree requirement. Co-requisite: MATH 097.

### **MATH 104 – Preparatory Algebra (4)**

Graphing, equations, inequalities, functions, and factoring. Focused preparation for MATH 119 College Algebra. *Prerequisite:* Satisfactory ACT/SAT score or MATH 097 with a grade of “C” or better.

### **MATH 106 – General Mathematics (4)**

This course provides the student with a deeper understanding of mathematics through classroom and group interaction. Students will read and understand the relevant scenarios from non-technical fields and be able to justify their finding and conclusions in multiple ways. An understanding of mathematical notation and formula solving will be emphasized. Students will use technology throughout the course to research, collect and analyze data as well to make predications and present findings.

### **MATH 107 – Intermediate Algebra (4)**

Linear equations, inequalities, systems of equations, polynomials and factoring, quadratic equations, rational expressions and graphing. *Prerequisite:* Satisfactory ACT/SAT score or MATH 097 with a grade of “C” or better.

### **MATH 113 – Liberal Arts Math (4)**

A study of the mathematics needed for the critical evaluation of quantitative information including graphs, tables, simple mathematical models, and statistical surveys and studies. This course uses a problem solving approach to mathematics as it applied to life and the world of work. *Prerequisite:* Satisfactory ACT/SAT score or MATH 097 with a grade of “C” or better.

### **MATH 119 – College Algebra (NMCCNS MATH 1113) (4)**

A focus on modeling data using equations and inequalities, functions and their graphs, exponential and logarithmic functions, polynomial functions, slope as a rate of change. Includes a contextual review component that focuses on simplifying algebraic expressions, solving linear and quadratic equations, factoring, properties of exponents, and other fundamental algebraic concepts. *Prerequisite:* MATH 104 with a grade of “C” or higher. *Prerequisites completed within the last two years or a satisfactory score on the math placement test taken in the last year. Concurrent enrollment in MATH 118 may be required.*

### **MATH 120 – Trigonometry (NMCCNS MATH 1213) (3)**

Trigonometric functions, logarithms, complex numbers. *Prerequisites:* Satisfactory ACT/SAT score or MATH 119 with a grade of “C” or better.

### **MATH 124 – Calculus I (NMCCNS MATH 1614) (4)**

Limits, derivatives, the mean value theorem, curve sketching, max-min problems, Newton’s Method, exponential and logarithmic functions, anti-derivatives, the definite integral, the fundamental theorem of calculus, area, average of a function. *Prerequisites:* MATH 119 and 120 both with a grade of “C” or better or satisfactory ACT/SAT scores.

### **MATH 132 – Calculus II (NMCCNS MATH 1624) (4)**

Volume, work, inverse functions, inverse trig functions, L’Hospitals’s rule, techniques of integration, improper integrals, arc length, moments and centers of mass, sequences and series. *Prerequisite:* MATH 124.

### **MATH 202 – Calculus III (NMCCNS MATH 2614) (4)**

Parametric equations, polar coordinates, three-dimensional geometry and vectors, partial derivatives, multiple integrals, vector calculus. *Prerequisite:* MATH 132.

### **MATH 215 – A Survey of Calculus (3)**

Basic concepts of differential and integral calculus to provide an operational knowledge of calculus. Methods and techniques to solve quantitative problems in business, economics and the sciences. *Prerequisite:* MATH 119 with a grade of “C” or better or satisfactory ACT/SAT scores.

### **MATH 261 – Mathematics for Teaching Grades PreK-2 (3)**

Designed to gain knowledge of the mathematical content domains identified by the state-adopted standards as appropriate for grades PreK through second, at levels of understanding to successfully teach the content. Domains include but are not limited to grade level progression of counting and cardinality, operations in base 10, measurement and data and geometry.

### **MATH 262 – Mathematics for Teaching Grades 3-5 (3)**

Designed to gain knowledge of the mathematical content domain identified by the state-adopted standards as appropriate for grades 3-5, at levels of understanding to successfully teach the content. Domains include but are not limited to grade level progression of operations and algebraic thinking, number and operations in base 10, number and operations- fractions, measurement and data, and geometry. *Prerequisite: MATH 261 with a grade of "C" or higher.*

### **MATH 268 – Workshop in Mathematics (1-9)**

As announced. (May be repeated for a maximum of 6 hours).

### **MATH 293 – Topics in Mathematics (1-9)**

As announced. (May be repeated for credit).

## **MEDICAL ASSISTING (MDST)**

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### **MDST/PBE 102 – Medical Terminology (3)**

The study of the pronunciation, spelling and definition of medical terms; building medical terms; building medical terms from prefixes, suffixes, word roots and combining forms and use of appropriate abbreviations and symbols.

### **MDST 103 – Anatomy and Physiology for Allied Health (3)**

An introduction to the body systems and concepts of human physiology.

## **MUSIC (MUS)**

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### **MUS 101 – Music Reading (NMCCNS MUSI 1113) (3)**

For non-music majors. Notation, note values, meters, scales, key signatures, intervals and chords. Exercises in music reading and aural perception. Recommended for elementary classroom teachers and for others wanting to develop skills in reading music. Also a basic course for music majors deficient in musical background.

### **MUS 113 – Music Appreciation (3)**

For non-music majors. Attempts to answer the question "What is music?" by acquainting students with knowledge and appreciation of music from several cultures and times. Includes contact with music through discussion, guest artists and recorded music. No previous music training is required.

### **MUS 119 – Fundamentals of Guitar (1)**

Basic guitar skills, including both classical and folk styles. For students with little or no previous training in guitar. (May be repeated for credit).

### **MUS 120 – Intermediate Guitar (1)**

A continuation of MUS 119.

### **MUS 126 – Community Choir (1-3)**

Performance class with emphasis on music notation, breathing and three/four part singing. The class will also include large group and sectional singing. (May be repeated for credit).

### **MUS 134 – Chamber Chorale (1-3)**

Small group performance class with emphasis on knowledge and practical experience in vocal production. Fundamentals of sound and expressive singing will be studied. (May be repeated for credit). Audition required.

### **MUS 163 – Literature of Music (3)**

A survey of music through listening and score study emphasizing musical styles, form and works of composers.

### **MUS 192 – Concert Band (1-3)**

Performance class with emphasis on music reading, rhythms and musical expression through the use of a string, woodwind, brass or percussion instruments. The class will include large group and sectional performance. Students must provide own instrument. Will also explore musical and artist expression. (May be repeated for credit).

### **MUS 268 – Workshop in Music (1-9)**

(May be repeated for credit).

### **MUS 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisite: Consent of instructor.*

### **MUS 293 – Topics in Music (1 – 3)**

As announced. (May be repeated for credit).

## **NURSING ASSISTANT (NA)**

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### **NA 111 – Nursing Assistant (3)**

Includes fundamental of patient care, technical procedures and ethics. Prepares the student to perform in the hospital, nursing home or home care setting. Grading is on a pass-fail basis. *Co-requisite NA 111L.*

### **NA 111L – Nursing Assistant Lab (3)**

Practice, especially in the hospital or nursing home setting, utilizing techniques learned in NA 111. Grading is on a pass-fail basis. *Co-requisite: NA 111.*

### **NA 112 – Medical Terminology (3)**

Provides an overview of medical terminology used in Nursing Assisting careers including introduction to common prefixes and suffixes, review of word relationships to anatomy and physiology, and review of common abbreviations.

### **NA 268 – Workshop in Nursing Assistant (1-9)**

(May be repeated for credit).

### **NA 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisite: Consent of instructor.*

### **NA 293 – Topics in Nursing Assistant (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **NATURAL RESOURCES (NATR)**

### **NATR 101 – Natural Resources Field Camp (3)**

This course is intended to serve as an introduction to the principles of natural resource management and related fieldwork in forested areas of the Southwest United States. Subjects covered may include but are not limited to: map-reading and orienteering, silviculture and forest management, wildfire management, hydrology and erosion prevention/mitigation, range conservation, recreation management, wildlife management, and cultural/archaeological studies. Students will engage in a multi-week field-based course led by subject matter experts that will include hand-on immersive learning in a variety of natural resource fields. Participants will use weekly writing assignments to engage in reflective learning and to improve writing skills. Intended for cohorts of pre-selected Mescalero Apache dual-credit students; six-week summer field course. Co-requisite enrollment in NATR 101 Lab required.

### **NATR 101 – Natural Resources Field Camp (3)**

This laboratory course is intended to accompany Natural Resources Field Camp lecture. Students will engage in hands-on experiential learning in fields directly related to natural resource management in the Southwest. Subjects covered may include but are not limited to: map-reading and orienteering, silviculture and forest management, wildfire management, hydrology and erosion prevention/mitigation, range conservation, recreation management, wildlife management, and cultural/archaeological studies. Subject matter experts will provide background on weekly subject material before engaging students in field data collection, restoration, mitigation, or other hands-on activities. Intended for cohorts of pre-selected Mescalero Apache dual-credit students; six-week summer field course. *This is a co-requisite laboratory course; concurrent enrollment in NATR 101 required.*

### **NATR 121 – Introduction to Forestry (3)**

This course provides an introduction to the basic elements of forest ecology, natural resource stewardship and management and timber and woodlands management practices. Field visits are required.

### **NATR 131 – Geology of Lincoln and Otero Counties (3)**

Introduction to rocks and minerals of Lincoln and Otero Counties; field identification, topography and map reading will be introduced. Co-requisite: NATR 131L.

### **NATR 131L – Geology of Lincoln and Otero Counties Laboratory (1)**

Introduction to rocks and minerals of Lincoln and Otero Counties; field identification, topography and map reading will be introduced. Frequent field visits are required. Co-requisite NATR 131.

### **NATR/FIRE 148 – Introduction to Fire Based Geographic Information Systems (GIS) (3)**

Geographic information systems (GIS) are geospatially referenced databases that relate positions of points or areas to data and properties. This course introduces students to fundamental concepts and principles of maps and GIS and applies these technologies to natural resources and wildland fire management.

### **NATR 151 – Fire Ecology (3)**

This course provides an overview of natural fire systems in the Rocky Mountains, how fire management has shaped our current natural systems and corresponding fire regimes, and how modern fire science is shedding light on the management of fire within the wildland-urban interface (WUI) and natural settings. *Prerequisite: NATR 121.*

### **NATR 201 – Forestry Techniques (3)**

This course provides an introduction to forestry measurement, including survey techniques, tree measurement, mapping, and GIS/GPS use in forestry applications. Students will collect data and explore analysis methods. Scheduled field visits are required. *Prerequisite: NATR 121 and MATH 104 or higher.*

### **NATR 233 – Hydrology (3)**

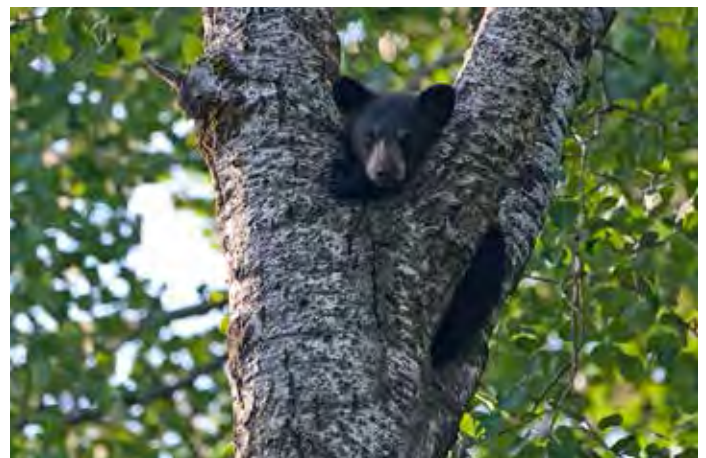
Introduction to the concepts of hydrology. Course includes discussion of distribution, movement and disturbance of surface water and groundwater in forest watersheds. Hydraulic function, water testing, watershed mapping and stream classification will be covered. Frequent field trips to local watersheds are required.

### **NATR 241 – Wilderness Survival (3)**

This is a week-long field course intended for students interested in careers associated with outdoor recreation including positions that involve extensive fieldwork, backcountry travel and/or emergency management. Emphasis is placed on utilization of public lands as recreational and/or educational facilities. Includes study of basic ecological relationships, survival techniques, and life zones of the United States.

### **NATR 251 – Wildlife Techniques (3)**

This course provides an overview of field techniques used by wildlife biologists to survey, census and study individuals, populations and communities of wildlife and fishes in a natural setting. Includes an introduction to ornithological methodologies, studies



of mammals, and techniques used to survey fishes, reptiles and amphibians. A brief introduction to data use and analysis is involved. Scheduled field visits are required.

**NATR 255 – Principles of Fish and Wildlife Management (3)**

This course is an introduction to the fundamental principles of animal populations, communities and ecosystems, as well as the conservation and management of wild animals and their habitats. *Co-requisite: NATR 255L required.*

**NATR 255L – Principles of Fish and Wildlife Management Lab (1)**

This laboratory course involves scheduled field visits to local sites of interest in wildlife and fisheries management and/or science. Includes an emphasis on field identification and record keeping. *Co-requisite: NATR 255 required.*

**NATR 268 – Workshop in Natural Resources (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval). *Prerequisite: NATR 121.*

**NATR 271 – Wildland Firefighter Safety and Survival (3).**

Students will design their own safety program by working in small groups to discuss and develop the Lookout, Communications, Escape Routes, and Safety Zones (LCES) system including creating a list of performance standards and a safety contract. Students will also research wildland fire accident reports and develop plans to minimize the likelihood future tragedies. (Course includes NWCG S-134 and must include a minimum of 23 hours of content beyond S-134).

**NATR 272 – Intermediate Wildland Fire Fighting and Behavior (3)**

Students will continue developing wildland fire behavior prediction knowledge and skills. Course content builds upon the basics learned in previous classes but with more detailed information about characteristics and interactions of the wildland fire environment (fuels, weather, and topography) that affect wildland fire behavior for safety purposes. Students will also learn to identify environmental factors and indicators of hazardous fire conditions, and how to use these indicators when implementing the Risk Management Process. *Prerequisite: FPT 102/NATR 171. (Equivalent to NWCG S-133 and S-290).*

**NATR 273 – Fire Operations in the Wildland/Urban Interface (2)**

This course is designed to assist structure and wildland firefighters who will be making tactical decisions when confronting wildland fire that threatens life, property, and improvements, in the wildland/urban interface. Content includes interface awareness, situation evaluation, initial strategy and incident action plan, structure triage, structure protection tactics, incident action plan assessment and update, follow-up and public relations, and firefighter safety in the interface (Equivalent to NWCG 5-215).

**NATR 289 – Internship (3-9)**

A minimum of 180 hours on the job experience is required to complete the requirements of the AAS in Natural Resources degree. One credit per 60 hours of approved job experience will be given. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Completion of core requirements and consent of instructor. Prerequisite: NATR 121.*

**NATR 293 – Topics in Natural Resources (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval). *Prerequisite: NATR 121.*

**NATR 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite: Consent of instructor.*

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## **NURSING**

**NURS 115 – Human Nutrition (3)**

Introduces nutrition as it affects the normal body function and total health. Designed for health majors.

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## **OCCUPATIONAL SAFETY AND HEALTH TECHNOLOGY (OSH)**

**OSH 101 – Total Quality Management for Safety (3)**

The study of integrating work processes using team participation through employee empowerment and teamwork emphasizing the philosophy of customer service and satisfaction.

**OSH 113 – Accident Prevention/Investigation (3)**

Principles and practices providing a basis for understanding the nature of occupational hazard recognition, accident prevention, loss reduction, inspection techniques, and accident investigation analysis.

**OSH 200 – Occupational Safety and Health for Emergency Services (3)**

This course provides the student with an introduction into the basic concepts of occupational health and safety as it relates to emergency service organizations. Topics include risk and hazard evaluation and control procedures for emergency service organizations.

**OSH 201 – Regulations -General Industry (3)**

A study of Occupational Safety and Health Administration regulations pertinent to general industry (OSHA 1910). Designed for industrial, manufacturing and technical workers where state/federal regulations require industrial safety training.

**OSH 121 – Fire Protection Systems (3)**

Study of fire protection systems and their applications with emphasis on the National Fire Protection Association prevention codes and standards.

**OSH 109 – Physical Hazard Control (3)**

A study of the common physical hazards in industry and methods of workplace design and redesign to control hazards. Emphasis on the regulation codes and standards associated with the control of physical hazards.



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### **OSH 105 – Regulations-Construction (3)**

A study of Occupational Safety and Health Administration (OSHA 1926) regulations pertinent to the construction industry. Designed for industrial, manufacturing and technical workers where state/federal regulations require industrial safety training.

### **OSH 209 – Safety Program Management (3)**

Examine the major safety management issues that affect the workplace including safety awareness, loss control, regulatory issues, and human behavior modification.

### **OSH 205 – Ergonomics/Human Factors in Safety (3)**

A study of the relationship of human behavior and ergonomics as applied to workplace safety.

### **OSH 215- Safety Communication Management (3)**

Improve safety and communication skills for the workplace.

### **OSH 230- Safety Management (3)**

Leadership and its relationship to management. Prepares the student with safety leadership communication skills needed to motivate and identify safety leadership styles.

### **OSW 102 – Intro to Technical Writing (3)**

Introduction to the principles, techniques, and skills needed for scientific, technical, and business writing.

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## **PHILOSOPHY (PHIL)**

### **PHIL 201 – Introduction to Philosophy (NMCCNS PHIL 1113) (3)**

Elementary problems and history of philosophy and the major philosophical systems.

### **PHIL 202 – Introduction to Logic (NMCCNS PHIL 1213) (3)**

The nature and structure of logical thinking with concrete applications.

### **PHIL 268 – Workshop in Philosophy (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **PHIL 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **PHIL 293 – Topics in Philosophy (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

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## **PHLEBOTOMY (PBE)**

### **PBE/MDST 102 – Medical Terminology (3)**

The study of the pronunciation, spelling and definition of medical terms, building medical terms from prefixes, suffixes, word roots, and combining forms and use of appropriate abbreviations and symbols.

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## **PHYSICS (PHYS)**

### **PHYS 113 – Survey of Physics (3)**

Important concepts in physics and their application to the everyday world. A course designed for non-scientists with an emphasis on conceptual understanding. *Co-requisite: PHYS 113L.*

### **PHYS 113L – Survey of Physics Laboratory (1)**

A two-hour laboratory designed to give a hands-on exploration of the basic concepts of physics introduced in the accompanying class. *Co-requisite: PHYS 113.*

### **PHYS 141 – Astronomy (NMCCNS ASTR 1113) (3)**

An introduction to the sky and a survey of the objects in the violent universe from our own solar system to globular clusters, nebulae, galaxies and quasars. *Co-requisite: PHYS 141L.*

### **PHYS 141L – Astronomy Laboratory (NMCCNS ASTR 1111) (1)**

This course is a weekly laboratory to be taken in conjunction with PHYS 141. This laboratory is an investigation of physical principles relevant to understanding astronomical objects and the techniques of observational astronomy. Laboratory sessions will utilize experiential learning and planetarium software to assist students in understanding principles of Astronomy. *Co-requisite: PHYS 141.*

### **PHYS 151 – General Physics\* (NMCCNS PHYS 1113) (3)**

This is the first semester of a two-semester non-calculus treatment of principles of mechanics, thermodynamics, electricity and magnetism, and optics. *Prerequisite: MATH 119. Co-requisite: PHYS 151L.*

### **PHYS 151L – General Physics Laboratory\* (NMCCNS PHYS 1111) (1)**

This course is a weekly laboratory to be taken in conjunction with PHYS 151. Laboratory sessions will apply topics from lecture to the laboratory setting and will utilize experiential learning to assist students in understanding principles of physics. *Co-requisite: PHYS 151.*

### **PHYS 152 – General Physics \* (NMCCNS PHYS 1123) (3)**

Continuation of PHYS 151. *Prerequisites: PHYS 151/151L; college algebra (or higher) with a grade of "C" or higher. Co-requisite: PHYS 152L.*

### **PHYS 152L – General Physics Laboratory\* (NMCCNS PHYS 1121) (1)**

Continuation of PHYS 151L. Meets three hours per week. *Co-requisite: PHYS 152.*

### **PHYS 268 – Workshop in Physics (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **PHYS 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **PHYS 293 – Topics in Physics (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **POLITICAL SCIENCE (PSCI)**

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### **PSCI 101 – Introduction to Political Science (NMCCNS POLS 1113) (3)**

A comparative introduction to the fundamental concepts of political science including: ideologies, political culture, parties, institutions and case studies of various political systems in regions of the world.

### **PSCI 102 – American National Government (NMCCNS POLS 1123) (3)**

American national government; formation and principles of the Constitution; relation of state to the national government; political parties, structure of legislative, executive and judicial branches; civil rights; and current trends and issues.

### **PSCI 202 – Introduction to State and Local Government (NMCCNS POLS 1213) (3)**

Relationship of state to the national government; functions and powers of state; and types of municipal governments and their growth and operation.

### **PSCI 268 – Workshop in Political Science (1-3).**

As announced. (May be repeated for a maximum of 6 hours if topics are different).

### **PSCI 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **PSCI 293 – Topics in Political Science (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **PSYCHOLOGY (PSY)**

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### **PSY 101 – Introductory Psychology (NMCCNS PSYC 1113) (3)**

Psychology as the science of behavior. Physiological bases of behavior, sensation, perception, learning, emotion and motivation. *Prerequisite or Co-requisite: ENG 102.*

### **PSY 134 – Positive Psychology (3)**

This course provides students with an introduction to the scientific study of factors contributing to optimal human functioning and well-being. *Prerequisite or Co-requisite: ENG 102.*

### **PSY 200 – Human Growth and Development (3)**

Study of human physical and psychological change and stability from a lifespan development perspective. *Prerequisite or Co-requisite: ENG 102.*

### **PSY 201 – Child Psychology (3)**

Psychological, physiological and social development of child-

hood. Criminal justice and psychology majors are strongly encouraged to complete PSY 101 first. *Prerequisite or Co-requisite: ENG 102.*

### **PSY 202 – Adolescent Psychology (3)**

Psychological, physiological and social development of adolescence. *Prerequisite or Co-requisite: ENG 102.*

### **PSY 210 – Human Sexuality (3)**

A survey of the psychological, biological, cultural and ethical issues pertaining to human sexuality. Course includes consideration of sexual behavior, anatomy, physiological functions, gender issues, victimization, STD's and consumerism. *Prerequisite or Co-requisite: ENG 102.*

### **PSY 224 – Social Psychology (3)**

This course is an introduction to the scientific study of human social influence and interaction, and explores how an individual's actions, emotions, attitudes and thought processes are influenced by society and other individuals. *Prerequisite or Co-requisite: ENG 102.*

### **PSY 268 – Workshop in Psychology (1-9)**

As announced. (May be repeated for a maximum of four credits).

### **PSY 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **PSY 293 – Topics in Psychology (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **PSY 299 – Programmatic Capstone (1)**

In this course, students will demonstrate proficiency and attainment of the programmatic outcomes for their chosen field of study. This course must be successfully completed the final semester prior to graduation. *Prerequisite: Consent of instructor.*

## **READING (RED)**

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*Students must attain the required level on the reading portion of the University Skills Placement Test or ACT or successfully complete RED 097 (College Reading Skills) before they may enroll in English 102. No student will be awarded a certificate of completion or an associate degree without achieving the required level of University skills in reading.*

### **RED 094 – Basic Reading Skills (3)**

Developmental course designed to improve reading skills by emphasizing word attack, comprehension, vocabulary, reference skills following directions and listening skills. *Credit not applicable toward degree requirements. Co-requisite: RED 094L.*

### **RED 094L – Basic Reading Skills Lab (1)**

This lab offers self-paced computer-assisted instruction designed to reinforce the reading skills developed in RED 100. *Credit not applicable toward degree requirements. Co-requisite: RED 094.*

### **RED 097 – College Reading Skills (3)**

Presents guided practice to help students identify and assess the different types of reading skills required in college courses. Students will learn a variety of reading/study strategies to apply to college-level textbooks, increase reading rate, improve comprehension skills and expand vocabulary. *Credit not applicable toward degree requirements. Prerequisite: Placement test or ACT scores.*

### **RED 097L – College Reading Skills Lab (1)**

This lab serves to reinforce the reading skills developed in RED 097. *Credit not applicable toward degree requirements.*

### **RED 268 – Workshop in Reading (1-9)**

As announced. (May be repeated for credit).

### **RED 293 – Topics in Reading (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **RELIGION (REL)**

### **REL 101 – Old Testament Survey (3)**

Survey of the history and religious traditions of ancient Israel; emphasis on the types of literature, cultural setting and political and religious developments of the ancient world.

### **REL 103 – New Testament Survey (3)**

Survey of the history, literature and content of the New Testament; emphasis on the historical background of the New Testament.

### **REL 105 – Life of Christ (3)**

The life, teachings and work of Christ as set forth in the Synoptic Gospels.

### **REL 107 – Introduction to Religion (NMCCNS RELI 1113) (3)**

A study of religion to include the universal forms of religious experience and expression and the classical forms of religious belief and practice.

### **REL 211 – The Book of Acts (3)**

The work of Peter and other early Christian leaders; missionary journeys of Paul; spread of early Christianity.

### **REL 220 – Biblical Perspective on Relationships (3)**

Application of Biblical ethics and values to contemporary relationships including singleness, marriage and family life. *Prerequisites: REL 101 AND 103.*

### **REL 231 – History of the Christian Church (3)**

The history of Christianity from its inception to the present; influences which have resulted in the present situation; tendencies in the life of the church. *Required for a major in religion.*

### **REL 268 – Workshop in Religion (1-3)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **REL 293 – Topics in Religion (1-3)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **SOCIOLOGY (SOC)**

### **SOC 101 – Introductory Sociology (NMCCNS SOCI 1113) (3)**

General overview of the field, including, basic concepts, perspectives and approaches. *Prerequisite or Co-requisite: ENG 102.*

### **SOC 212 – Contemporary Social Issues (NMCCNS SOCI 2113) (3)**

Assessment of current social problems in the US. *Prerequisite or Co-requisite: ENG 102.*

### **SOC 215 – Marriage and the Family (3)**

Social aspects of family living with emphasis on mate selection, courtship, engagement, marriage and parenting in a changing society. *Prerequisite or Co-requisite: ENG 102.*

### **SOC/PSY 224 – Social Psychology (3)**

Human interaction in social groups; the social aspects of human behavior. *Prerequisite or Co-requisite: ENG 102.*

### **SOC 268 – Workshop in Sociology (1-9)**

As announced. (May be repeated for credit).

### **SOC 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites: Consent of instructor.*

### **SOC 293 – Topics in Sociology (1-3)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **SPANISH (SPAN)**

### **SPAN 101 – Beginning Spanish (NMCCNS SPAN 1114) (4)**

Development of students' communicative language skills, deepen their understanding of the Spanish speaking world, and take Spanish beyond the classroom into real life interactions with Spanish speakers.

### **SPAN 102 – Continuation of Beginning Spanish (NMCCNS SPAN 1124) (4)**

A continuation of SPAN 101. *Prerequisite: SPAN 101.*

### **SPAN 103 – Beginning Spanish for the Professional (3)**

Beginning conversational Spanish course for students whose career goals or present occupation would be enhanced by a basic working knowledge of the Spanish language. *Required for*

Human Services majors, also recommended for students preparing for careers in health occupations, business and education.

#### **SPAN 104 – Beginning Spanish for the Professional II (3)**

A continuation of SPAN 103. *Prerequisite:* SPAN 103.

#### **SPAN 105 – Beginning Spanish: Native Speaker (3)**

The first in a sequence of two semesters designed for Spanish speakers of the Southwest. Intensive work to develop the skills of conversation, reading and writing, concentrating on local dialects.

#### **SPAN 201 – Intermediate Spanish (NMCCNS SPAN 2113) (3)**

Grammar review, conversation and reading at the intermediate level. *Prerequisite:* SPAN 101.

#### **SPAN 202 – Continuation of Intermediate Spanish (NMCCNS SPAN 2123) (3)**

A continuation of SPAN 201. *Prerequisite:* SPAN 201.

#### **SPAN 205 – Intermediate Spanish: Native Speaker (3)**

Continuation of SPAN 105, for Spanish speakers of the Southwest. Intensive work to develop the skills of conversation, composition and reading, concentrating on the relationship between local dialects and World Spanish. *Prerequisite:* SPAN 105.

#### **SPAN 268 – Workshop in Spanish (1-9)**

As announced. (May be repeated for credit).

#### **SPAN 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisite:* Consent of instructor.

#### **SPAN 293 – Topics in Spanish (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **SPECIAL EDUCATION (SPED)**

#### **SPED 203 – Assessment of Children and Evaluation of Programs (3)**

Familiarizes students with culturally appropriate methods/tools, including observation of children with/ without disabilities. Development/use of formative/summative evaluation tools and skills for evaluating assessment process involving teachers, professionals, families in process covered.

#### **SPED 293 – Topics in Special Education (1-3)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

### **STATISTICS (STAT)**

*Students planning to pursue a bachelor's degree in a scientific field should choose their beginning courses from those marked with an asterisk (\*).*

#### **STAT 213 – Statistical Methods I\* (NMCCNS MATH 2114) (4)**

Beginning course in basic statistical methodology; measures of central tendency, variability and association; probability and sampling distribution; estimation of parameters and testing hypotheses and linear regression.

#### **STAT 268 Workshop in Statistics (1-3)**

As announced. (May be repeated for a maximum of 6 hours if topics are different).

#### **STAT 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites:* Consent of instructor.

#### **STAT 293 – Topics in Statistics (1-3)**

As announced. (May be repeated for credit if topics are different).

### **THEATRE (THTR)**

#### **THTR 111 – Theatre Appreciation (NMCCNS THTR 1113) (3)**

For non-majors. Basic theories of performance arts as applied to theatre and film. Includes application through discussion of acting, audiences, stage craft, scenic and costume design and dramatic criticism.

#### **THTR 121 – Beginning Acting (3)**

Techniques principles of stage movements and basic problems common to all actors.

#### **THTR 268 – Workshop in Theatre (1-9)**

As announced. (May be repeated for credit).

#### **THTR 289 – Internship (1-9)**

Students working in a related field may receive one credit per 60 hours of approved job experience. Job approval is determined by instructor/departmental review and course credit may require additional projects or assignments. *Prerequisites:* Consent of instructor.

#### **THTR 293 – Topics in Theatre (1-9)**

As announced. (May be repeated for a maximum of six credits with consent of instructor).

### **UNIVERSITY STUDIES (UNIV)**

#### **UNIV 101 – Freshman Seminar (3)**

Aiding academic and social transition to the University, this required interdisciplinary course focuses on study skills, critical thinking, social issues for new students; exploration of campus resources and community building.

#### **UNIV 103 – Math Academics Lab (0.5)**

This course offers academic support to help students succeed in math and composition courses. Students will participate in tutoring sessions, success workshops, and group work.



### **UNIV 104 – Composition Academics Lab (0.5)**

This course offers academic support to help students succeed in math and composition courses. Students will participate in tutoring sessions, success workshops, and group work.

### **UNIV 293 – Special Topics in University Studies (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrator approval).

## **WELDING (WELD)**

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### **WELD 101 – Employability Skills (1)**

Training in the skills necessary to obtain and hold a job. Includes resume writing and interviewing techniques.

### **WELD 110 – Introduction to Welding (4)**

Provides a practical hands-on introduction and orientation to the welding industry and the various cutting processes used. The course will provide an in-depth study of welding hazards and common safety procedures.

### **WELD 115 – Print Reading (3)**

Provides students with the knowledge to read and interpret blueprints and welding symbols and transfer this knowledge to read and interpret blueprints and welding symbols and transfer this knowledge to the workplace with layout tools and measuring instruments.

### **WELD 120 – Oxyacetylene Welding (4)**

Provides students with the basic techniques of oxyacetylene welding, brazing and cutting on a variety of different materials and thicknesses in all positions. Provides basic study of the structure and properties of metals.

### **WELD 125 – Gas Metal Arc/Flux Core (6)**

Provides students with the basic theory of the MIG and Flux Core welding processes along with safety requirements. Welding will be done in all positions and students will participate in class projects.

### **WELD 131 – Beginning Arc Welding I (4)**

Provides students with the basic techniques of arc welding. Includes electrode classification and welding nomenclature. Teaches the necessary metallurgy for these procedures and

emphasizes the safety requirements of these techniques. Welding skill be developed through the use of practice welding along with shop projects.

### **WELD 132 – Beginning Arc Welding II (4)**

A continuation of WELD 131.

### **WELD 135 – Gas Tungsten Arc (6)**

Provide knowledge of the principles, terminology, gases, electrodes and polarities used in Gas Tungsten Arc welding along with proper safety. Welding in all positions on a variety of metal thicknesses, shapes and types. Welding skills will be applied toward shop projects.

### **WELD 210 – Intermediate Arc/Cutting (6)**

Continuation of WELD 125 with a strong emphasis on WELD testing, testing procedures and code welding. Certification in the vertical and overhead position is expected. Arc metal cutting procedures such as SMAW Air Carbon Arc Cutting and Plasma Arc Cutting will also be covered. Along with practice exercises, students must participate in shop projects.

### **WELD 222 – Advanced Arc/Pipe II (4)**

A continuation of WELD 221.

### **WELD 268 – Workshop in Welding (1-9)**

As announced. (May be repeated for credit).

### **WELD 289 – Internship Training (1-3)**

Practical applications in a welding industry/work environment. (May be repeated for a maximum of 6 credits hours).

### **WELD 293 – Special Topics in Welding (1-9)**

As announced. (May be repeated for credit with consent of instructor and administrative approval).

## **WILDLAND FIRE SCIENCE (WILD)**

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### **WILD 100 – Introduction to Incident Command Systems (ICS) (1)**

This course provides firefighters with a solid working foundation of the Incident Command System. Included are the knowledge and skills required for system integration of resources on initial action incidents and expanding incidents.

### **WILD 130 – Firefighting Training (3)**

This course provides entry-level training on the basics of wildland fire suppression strategies, equipment, and firefighter safety standards and guidelines. This is a hybrid course with field exercises. *Prerequisite:* WILD 190.

### **WILD 131 – Firefighter Type 1 (1)**

This course provides understanding of tactical decision-making principles for Firefighter Type 1 (FFT1). *Prerequisite:* Qualification as a Firefighter 2 (FFT2).

### **WILD 133 – Look Up, Look Down, Look Around (.5)**

This course provides core training in safety and survival strategies. Seven environmental factors and their respective indicators





of hazardous conditions for fire behavior are identified as well as their integration into the Risk Management Process.

#### **WILD 134 – Lookouts, Communications, Escape Routes, and Safety Zones (LCES) (1)**

This course engages firefighters in the process of designing their own safety program. Students will discuss L, C, E, and S, creating performance standards providing for safe work practices during operational assignments.

#### **WILD 150 – Firefighter Fitness (2)**

This course has minimal classroom time, emphasis is on actual physical training. Instruction and workouts include core, aerobic, and muscle strength workout schedules. Provides firefighter conditioning needed for long daily and multi-day fire assignments and prepares for the Work Capacity Test.

#### **WILD 180 – Human Factors in the Wildland Fire Service (.5)**

This course introduces firefighters to their responsibilities in addressing human performance issues creating effective integration with other operational resources in high-risk, dynamic work environments.

#### **WILD 190 – Introduction to Wildland Fire Behavior (1)**

This course provides entry-level firefighters basic instruction on how wildland fuels, weather and topography affect ignition and fire spread, including recognition of potentially hazardous situations. This course includes a unit on firefighter math.

#### **WILD 211 – Portable Pumps and Water Use (2)**

This course provides the knowledge and skills required to design, set up, operate, troubleshoot, and shut down portable water delivery systems for use on wildland fires.

#### **WILD 212 – Wildland Fire Chain Saws (3)**

This course introduces firefighters to the function, maintenance and use of gas powered chainsaws and their tactical application on wildland fires. *Prerequisite: Qualification as a Firefighter 2 (FFT2).*

#### **WILD 219 – Firing Operations (2)**

This course introduces students to common characteristics, applications, and availability of firing devices. It provides knowledge of planning, execution, safety, coordination, and

evaluation of ignition operations. *Prerequisite: Qualification as a Firefighter 2 (FFT2).*

#### **WILD 260 – Interagency Incident Business Management (2)**

This course addresses basic policy and direction to provide an understanding of interagency incident business management principles used on incident assignments.

#### **WILD 270 – Basic Air Operations (2)**

This course introduces aircraft types and capabilities, aviation management and safety for flying in and working with aircraft, tactical and logistical uses of aircraft, and requirements for helicopter take-off and landing areas.

#### **WILD 280 – Followership to Leadership (2)**

This course prepares firefighters for leadership roles on the fireline and introduces skills required by unit supervisors and fireline commanders. *Prerequisite: WILD 190 and Qualification as a Firefighter 2 (FFT2).*

#### **WILD 286 – Basic Land Navigation (1)**

This course provides an overview of map types, geographic location systems and reading topographic maps. Firefighters learn compass, clinometer and Global Positioning Systems use.

#### **WILD 290 – Intermediate Wildland Fire Behavior (3)**

This course provides knowledge and analyzes conditions that create extreme fire behavior including long range spotting, crowning, fire whirls and plume-dominated fire development. This is a hybrid course. *Prerequisite: WILD 190.*

#### **WILD 294 – Wildland Firefighting Experience (3)**

Wildland Firefighting Experience grants students credit for time spent operational incident assignments. Credit granted is at the discretion of the lead faculty member, but must be verifiable with an official task book, and Resource Evaluation and/or verification by a fire line supervisor. It is recommended that you contact and work with a local volunteer Fire Department and/or apply to a land management (USFS, BLM, BIA, FWS, NPS or State) agency for summer employment. Credit will be granted at the rate of 0.25 credit-hours per operational period (Initial Attack assignment or 1 day/8-16 hours on the fire line during a multi-day incident assignment).

#### **WILD 299 – Wildland Fire Science Capstone (1)**

In this course students will demonstrate proficiency and attainment of the programmatic outcomes for the Associate of Applied Science Degree in Wildland Fire Science. This course must be successfully completed the final semester prior to graduation.



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The background is a complex geometric pattern composed of numerous small triangles. These triangles are arranged in horizontal bands of varying colors. From top to bottom, the bands include shades of brown, orange, yellow, a solid blue band, a dark teal band, and a light green band. The triangles within these bands are oriented in different directions, creating a textured, mosaic-like effect.

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