

# NEW MEXICO STATE UNIVERSITY

## GRANTS

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<http://grants.nmsu.edu>

**2010–2012  
Catalog**



Academic programs at NMSU Grants are available to all students regardless of age, ancestry, color, disability, gender, national origin, race, religion, sexual orientation, or veteran status.

Any item in this catalog is subject to modification at any time by proper administrative procedure.

Catalog effective summer 2010 through spring semester 2015.

The NMSU Grants Undergraduate Catalog is available online at <http://grants.nmsu.edu> .

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***Welcome to New Mexico State  
University Grants....  
Your Community College***



Welcome to NMSU Grants and the possibilities that you are choosing to step-up to by deciding to embark on a college path. At our most recent graduation when I congratulated our graduates for having achieved this milestone in their lives, I used an analogy I like which explains what I believe to be the value of an education – in providing an individual choices -- choices that can open a doorway to myriad opportunities throughout a person’s lifetime. An education is something ‘*no one can take away from you*’ and while it requires work and commitment on your part, the payoff can be great and certainly is long-lasting and life-altering.

Here’s my analogy -- I often have the privilege of traveling in my position and when I fly, the standard safety information a stewardess/steward provides passengers during an air flight includes directions if the oxygen masks should drop during a flight. They say “*anyone traveling with young children should first put the oxygen mask on yourself, then on your children.*” This is because the adult needs the oxygen to keep fully alert to properly care for young children during air turbulence. Life inevitably brings with it turbulence but if you are prepared with ‘*oxygen (an education)*’ you are able to successfully navigate through turbulent times. I like to think that it is a good analogy for what I believe is the value of education – education is the oxygen you need as an individual to better care for yourself, allowing you to better care for your family and ultimately improve your community; an educated community is an empowered community and cannot be held back.

I invite you to ‘*put your oxygen mask on*’ and join our many talented faculty and staff at NMSU Grants who are ready to assist you in either beginning or continuing on your path to a future filled with greater options and success!! We have been working hard the past few years as a campus community to improve our facilities, develop new academic programs and community collaborations to better serve our students and community.

During the past year our campus community came together during a strategic planning retreat to develop a new Vision statement for our campus which clearly exemplifies our commitment to you our students and community: “*To embrace innovation in teaching and learning to promote a sustainable, prosperous community*”.

My Warmest Regards,  
Felicia Casados, President  
Email: [fcasados@nmsu.edu](mailto:fcasados@nmsu.edu)  
(505) 287-6624

## **ABOUT NEW MEXICO STATE UNIVERSITY GRANTS**

NMSU Grants was established as a public two year community college of New Mexico State University in 1968 through the cooperative efforts of New Mexico State University and Grants/ Cibola County School District.

During the first year, classes were held in the evening in public school facilities and were taught by qualified part-time instructors from the community. In August 1969, the college moved to its present site, previously home to the Grants Job Corps Center. During 1977–78 a new main building (Martinez Hall) was constructed to house academic classrooms, a student lounge, the library, and faculty/administrative offices. The former Job Corp Vocational Building and gymnasium were also renovated at that time.

In 1980–81, the gymnasium was completely remodeled, extensive landscaping was completed, and four additional rooms were added to the Main Building: two art rooms at the north end and a lecture room/adult learning center at the south end.

In 1984, an additional 20,800 square feet were added to the main building (Martinez Hall) resulting in a total of 79,197 square feet. The Automotive, Electrical, and Welding programs were moved from the former vocational building to this more modern and spacious facility. Enlarged quarters for the Adult Learning Center and two computer laboratories were added.

In May of 1987, the main building was dedicated as the "Walter K. Martinez Memorial Hall," in memory of Walter K. Martinez a local legislator who served as New Mexico State Representative from 1966–1984 and New Mexico Speaker of the House from 1971–1978. During Rep. Martinez' tenure in the legislature, NMSU Grants Campus received significant appropriations for capital improvements to plan, remodel and construct the present physical plant.

Martinez' leadership in establishing the Severance Tax Permanent Fund was one of his most outstanding contributions. Through this permanent fund, a revenue source was created to fund higher education and other state capital outlay projects.

In October 1993, the gymnasium was dedicated as the "Joseph A. Fidel Activities Center" in recognition of now retired New Mexico State Senator, Joseph

Fidel - a respected friend and mentor of NMSU Grants. Senator Fidel was instrumental in forming the college while serving on the Grants-Cibola County School Board. The campus' continued growth was a result of his effective representation in the State Senate and unending support for the university.

During the 1993–94 academic years, new offices were remodeled for faculty, new classrooms were constructed in the annex building, administrative office space was enlarged, and a new, larger bookstore was built.

In 1998 one of the two remaining Job Corps buildings on campus was named in honor of Francis W. (Frank) McClure to recognize his crucial role in the campus' successful beginning. During the 1999-2000 school year, the building was refurbished, with new entrances, new carpet and tile, enlarged hallways, and newly painted walls. McClure Hall currently houses the Building Trades program, the Certified Nursing Assistant program, the Bachelor of Science in Nursing classroom, a Nursing Skills Lab, and ITV studio, a Creative Media lab/studio, two Art labs, a photography lab, a Computer Lab and several renovated classrooms.

In 2001 the University obtained full title to its property and facilities. Until October 2001 the federal government was the rightful and legal owner.

In 2006 NMSU Grants initiated a major campus renovation and renewal project. Phase One included the purchase and remodel of a former bank building located off campus to house the Small Business Development Center (SBDC), and expanded to include a new workforce training classroom, nearly \$2,000,000 to upgrade McClure Hall and expand classrooms, nearly \$500,000 for improvements at the Fidel Gymnasium to include an elevator to enable ADA access to upstairs space for expanded classroom usage, and replacement of all boilers and heating units on campus for greatly improved fuel efficiency. Phase One was completed in July of 2009.

In Fall 2010 Phase Two campus renovations will begin to include exterior "skins" on McClure Hall and Fidel Gym for improved energy efficiency and renovation of the Campus Library. A combination of state general obligation bond funding and a federal stimulus grant will support the cost of Phase Two renovations.

## MISSION, VISION, & VALUES

Mission Statement: NMSU Grants provides an accessible quality education through innovative teaching and learning that promotes respect and service for our diverse students and community.

Vision Statement: To embrace innovation in teaching and learning to promote a sustainable prosperous community.

Values Statement: We value:

- Personal Success
- Growth
- Respect
- Healthy Lifestyles
- Teamwork
- Community Partnerships
- Stewardship
- Excellence
- Integrity
- Positive Attitude
- Employability
- Empowerment
- Intellectual Inquiry
- Social Justice
- Creativity
- Safe Environment

## ACCREDITATION

New Mexico State University Grants is accredited by the North Central Association (NCA) of Colleges and Schools, Higher Learning Commission (HLC), 30 North LaSalle Street, Suite 2400, Chicago, IL 60602-2504; <http://www.ncahigherlearningcommission.org/>; telephone (800) 621-7440.

Under the umbrella of New Mexico State University Las Cruces, the most recent NCA HLC accreditation site-visit took place on April 29, 2008. NMSU Grants was awarded a full ten year renewal as a unit of the NMSU Las Cruces campus. It is our intention to seek independent accreditation in the future as circumstances permit.

NMSU Grants is a member of the following organizations: the American Association of Community Colleges (AACC); the Hispanic Association of Colleges and Universities (HACU); the Rural Community College Alliance (RCCA); and the New Mexico Association of Community Colleges (NMACC).

NMSU Grants holds a unique status, qualifying under U.S. Department of Education federal designation

both as a Hispanic Serving Institution and a Native American Non-Tribal Serving Institution: a double minority serving institution due to our large minority (majority) student body which is in alignment with the population of our northwest New Mexico service region.

## NMSU Graduation and Retention Rates

These rates may be found on the NMSU Institutional Research web site at <http://irpoa.nmsu.edu>.

## CATALOG INTENT

The catalog is a summary of information of interest to students. Readers should be aware of the following:

1. This catalog is not a complete statement of all procedures, policies, rules and regulations. See the Schedule of Courses and the Student Code of Conduct for additional information.

2. The university reserves the right to change, without notice, any academic or other requirements, course offerings, course content, programs, procedures, policies, rules, and regulations as published in this catalog. Special procedures, policies, rules, and regulations, whether or not contained in this catalog, may be applicable to students.

Students planning to earn degrees or certificates may elect to fulfill requirements as outlined in the catalog in effect at the date of initial enrollment or as outlined in catalogs published subsequent to their initial enrollment.

## NON-DISCRIMINATION POLICY

It is the policy of NMSU Grants not to discriminate based on age, color, disability, gender, national origin, race, religion, sexual orientation, or veteran status in employment or other college-administered programs. This policy is in compliance with Title VII of the Civil Rights Act of 1964, Executive Order 11246 as amended by 11375 and Section 504 of the Vocational Rehabilitation Act of 1973, the American with Disabilities Act of 1990, and Title IX of the Educational Amendments of 1972 and subsequent revisions.

## REGISTRATION CHECKLIST

- Submit the **Admission Application** if you are a new or returning student who has not enrolled for the past full year. Apply online at <http://prospective.nmsu.edu>.
- Apply for financial aid every year, after tax time.** (Pell Grant, Loans, and work-study) Apply online at <http://www.fafsa.ed.gov>. Meet with an adviser in the Student Services Office.
- Activate your NMSU account.** Go to <https://my.nmsu.edu> on the internet. If you have problems setting up your account, see the IT Department or call 287-6666.
- Send for official transcripts.** High school transcript or GED scores and *all* college transcripts must be ordered by the student. Have them sent directly to NMSU Grants. Transcripts must be in the Admissions Office by Census Date (check the semester Schedule of Classes)
- Take the College Placement Test.** Pick up a test admission card in Student Services. You will be tested for placement in English and Mathematics course work. If you have adequate ACT scores in Math and/or English, or have transfer credit, you may not have to take the Test.
- See an **academic adviser** to assist you in planning your program of study.
- Register for classes early.** All students register at <https://my.nmsu.edu> , online registration.
- Tuition/fees Payment:** Provide all third party payment and scholarship information to Student Services and the Business Office. If you receive financial aid, this will likely pay your tuition and fees. See the current Schedule of Classes for the deferred payment fee and schedule.
- Attend “New Student Orientation”** – all new students are required to attend the New Student Orientation (see Schedule of Classes for dates).
- Obtain your student I.D.** The Student Success Center, Room 125, will post hours for students I.D.s, at the beginning of the semester. All students are expected to know their Student ID #.
- Purchase your books** before classes start or within the first couple of weeks. Barnes and Noble College Bookstore is located in Martinez Hall. Go to: <http://www.nmsu.bncollege.com> to order your textbooks online or to see what texts are required.
- ALWAYS feel free to ask **questions** of the staff if you are unsure of anything. They are glad to help! Also, check out our website at <http://grants.nmsu.edu>.
- Explore the campus.** Learn about the resources available to help you succeed.

## HELP DIRECTORY

Academic Services .....	287-6641
Adult Basic Education.....	287-6643
Barnes & Noble College Bookstore .....	287-7211
Business Services .....	287-7981
Distance Education .....	287-6693
Education Resource Center.....	287-6626
Financial Aid .....	287-6621
Library Services .....	287-6637
Small Business Development Center .....	287-8221
Small Wonders Child Care Center .....	287-3868
Student Services/Academic Advisors .....	287-6678
Student Success Center.....	287-6691

## PROGRAM MANAGERS

Applied Business (Betty Habiger).....	287-6646
Associate of Arts (Dr. Harry Sheski, VPAA) .....	287-6641
Associate of Science (Dr. Charlotte Ottis).....	287-6649
Automotive Technology (Paul Garcia).....	287-6635
Building Trades (Dr. Harry Sheski, VPAA)...	287-6641
Computer Technology & Creative Media Technology (Doug Bocaz-Larson) .....	287-6656
Corrections Officer (Dr. Harry Sheski) .....	287-6641
Criminal Justice (Cynthia Aragon).....	287-6670
Digital Film Technology (Doug Bocaz-Larson) .....	287-6656
Drafting (Richard Gutierrez) .....	287-6645
Early Childhood Education/Education (Linda Marion) .....	287-6653
Electronics Technology/Electrical (Bruce McDowell).....	287-6636
Health Sciences (Neal Gallagher).....	287-6654
Humanities (Dr. Harry Sheski, VPAA) .....	287-6641
Mathematics (Marlene Chavez-Toivanen).....	287-6652
Natural Sciences (Dr. Charlotte Ottis) .....	287-6649
Pre-Business (Betty Habiger) .....	287-6646
Social Sciences (William Serban).....	287-6648
Web Fundamentals (Doug Bocaz-Larson) .....	287-6656
Welding (Richard Gutierrez) .....	287-6645

## ADMISSIONS

A student may be accepted for undergraduate admission to NMSU as

- (1) a degree-seeking student or
- (2) a non-degree student under the policies and conditions as set forth in this section.

### Regular Admission (First time any college)

Requirements for admission as a regular student include the following:

- Formal application for admission, accompanied by a \$20 nonrefundable application fee.
- An official transcript of the student's high school credits or GED is to be sent directly from the high school to NMSU Grants, 1500 Third St., Grants, NM 87020.

Qualifications for undergraduate admission to NMSU are as follows:

1. Graduation from any state high school or academy in the United States accredited by a regional accrediting association or approved by a state department of education or state universities.\*

2. General Educational Development (GED) score. A student who submits the GED test results must be 16 years of age or older (for further requirements related to the GED, potential students are advised to contact the NMSU Grants GED office at (505) 287-6662 or visit the office in room 120, Martinez Hall).

3. Students enrolled in a home-school program may be accepted to NMSU Grants 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 a grade earned by the student and also indicates 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 Legislative Lottery Scholarship program are required to submit official New Mexico GED test results.

*\*Note: Please be aware that on-line high school diplomas and GED certificates are rarely accredited by a Department of Education entity and will not be sufficient for admission.*

## ASSESSMENT

Entering students are required to take the COMPASS test unless they have taken the ACT within the last year. Transfer students who have taken college level Math or English equivalent to MATH 120 or ENGL 111G courses at other accredited institutions with earned grades of C or higher are not required to take

the COMPASS. The COMPASS is intended to help place students in classes best suited to their preparation and ability.

Academic assessment and placement improves students' opportunities for success in university courses. If deficiencies in basic academic skills are indicated, an individualized educational plan will be developed to help entering students acquire needed skills.

**Transfer Student Admission:** Transfer students from other colleges or universities may be admitted to NMSU Grants as regular students in good standing if their previous college cumulative grade point average is 2.0 or higher. Transfer students with a grade point average below 2.0 may be admitted on probation or may be denied admission. NMSU honors other college and university's suspensions.

**Transcripts** The transfer student must have official transcripts forwarded directly to NMSU Grants by the Registrar of each college or educational institution previously attended. A student who conceals the fact that he or she has attended another college or university, and who has not had the registrar submit a transcript for each institution whether or not credit was earned, will be subject to immediate suspension. Transcripts must be received before the date of registration. Students submitting transcripts from a foreign post-secondary institution are required to have the credentials evaluated by a nationally recognized credentialing service. NMSU requires a "Comprehensive Course by Course Evaluation" be completed for each post-secondary institution attended. Contact the Office of University Admissions at NMSU Las Cruces for approved credentialing organizations.

### Transfer of Credits at NMSU

NNMSU Las Cruces evaluates courses from post-secondary institutions that are regionally accredited or are candidates for regional accreditation. Transfer students will receive full credit for coursework completed with a grade of C or better, provided the classes are similar or equivalent to courses offered at NMSU. A transfer student may, on the basis of an evaluation of his/her transcripts, receive credit for courses taken at other institutions in which a grade of D was received. However, NMSU does not accept the transfer of courses with D grades which satisfy basic academic competency (basic skills) in English and mathematics. NMSU will not accept transfer credit for four-credit basic skills courses (such as ENGL 111G and CCDM 114N) when the incoming course carries less than three credit hours.

Grades earned in courses taken at other institutions are not included in the calculation of NMSU grade point average.

### **Evaluation of Credits**

Once a student has been admitted to NMSU, an evaluation of credits from accredited institutions only is done on a course-by-course basis to determine general transferability to the university.

### **Transferring Courses to Fulfill the New Mexico General Education Common Core**

During the 2005 New Mexico Legislative session, Senate Bill 161, consistent with requirements of state law (Chapter 224 of the Laws of New Mexico, 1995 as amended) was signed into law to further enhance and facilitate the articulation of general education courses among New Mexico's colleges and universities. In accordance with policies established by the New Mexico Higher Education Department, designated general education core courses successfully completed at any regionally accredited public institution of higher education in New Mexico are guaranteed to transfer to any New Mexico public institution. Students who have decided on a major and/or an institution at which to complete their studies should consult with an academic adviser at that particular institution to determine the most appropriate course selections. Students enrolling for the first year of study at a New Mexico college or university and considering possible transfer into a certificate and/or degree program at another institution are encouraged to take the courses approved for transfer during their freshman and sophomore year of study.

The core matrix of approved courses guaranteed to transfer and meet general education requirements at any New Mexico college or university can be found on the New Mexico Higher Education Department web site at <http://www.hed.state.nm.us>. Courses are listed by institution, whether university or community college, under each of the five general education areas. The courses for New Mexico State University are listed in the required courses section of this catalog.

### **Student Responsibility**

Planning for effective transfer within 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 course work will meet the requirements of the desired degree.

### **Transfer Credit Appeal Process**

All New Mexico public post-secondary institutions are required to establish policies and practices for receiving and resolving complaints from students or from other

complainants regarding the transfer of course work from other public institutions in the state. A copy of NMSU's transfer credit policy may be obtained from the Office of the Registrar or from the Deputy Secretary for Academic Affairs, Higher Education Department, 2048 Galisteo St., Santa Fe, New Mexico 87505-2100.

### **READMISSION (Degree seeking)**

Former students of New Mexico State University or one of its community colleges, who have not attended an NMSU campus for one year are required to make formal application for readmission. Readmission does not require an additional application fee. Applications should be submitted 30 days before the beginning of the semester or summer session for which the student plans to enroll.

A student who has attended other institutions during an absence must have official transcripts forwarded directly to the Admissions Office by the registrar of each institution and must be eligible to return to the college or university last attended. Transcripts must be received prior to the date of registration. Admission status at the time of readmission will normally be determined by previous NMSU academic standing. However, academic performance at other institutions attended during the applicant's absence from NMSU may be taken into consideration in determining the student's academic readmission status. Students must follow a current degree checklist upon readmission.

### **NON-DEGREE STATUS**

Non-degree admission is designed to meet the needs of mature, part-time students who do not wish to pursue a degree at this university. Courses taken by non-degree seeking students may not be used to meet university admission requirements. These students are not eligible to receive financial aid or apply for student employment; nor are they eligible to receive benefits from any veterans' program.

Students interested in using non-degree credit for initial teacher certification or recertification in a new field need to contact the College of Education.

Transcripts from previous institutions, high school, and/or results of college entrance exams may be required to assure readiness for university-level courses. A \$20 non-refundable, non-degree application fee is required. Non-degree students may not transfer more than 30 credits from this status to any undergraduate degree program with the exception of students participating in a high school dual enrollment program.

Non-degree students are subject to the same university regulations as regular students.

#### **Auditing Courses**

Students who wish to audit courses may do so as non-degree students with the consent of the instructor, provided the facilities are not required for regular students. Regular students may also audit courses, but audited courses are not counted in determining maximum course loads, except for students on probation or graduate students.

#### **CHANGE OF NON-DEGREE STATUS**

A non-degree student in good academic standing (2.0 NMSU GPA or above) may apply for change-of-status from **non-degree to degree (regular admission)** by completing a change-of-status application and meeting the requirements for regular admission status. Non-degree students may not apply more than 30 credits earned under the non-degree status to any NMSU undergraduate degree program.

All documents required for the change-of-status must be in the Admissions Office by the third Friday of the semester (excluding summer sessions). If all documentation is not received by that date, then the change-of-status will be processed the next semester of the student's enrollment after the student has submitted an updated change of status form.

**EARLY ADMISSION:** Currently enrolled high school students or home-schooled students of superior academic ability may be admitted as students prior to high school graduation.

Requirements include:

- A NMSU application and a \$20 non-refundable application fee.
- Written permission from the high school principal, counselor, and parent/guardian.
- Official high school/home school transcript.
- College Placement Test evaluation
- Interview with Vice President for Student Services who will verify admission status and approve courses.
- Limit to 7 credit hours of academic courses.
- At least 16 years of age or equivalent of a high school student, with appropriate approval

Any student enrolled in a high school that is not accredited by the State of New Mexico must meet additional admissions requirements. Students interested in the early admission program are encouraged to discuss this with their high school counselor or parents to begin the process.

#### **DUAL CREDIT PROGRAM (DCP) Earn College Credit While in High School**

The Dual Credit Program is designed to give high school students an opportunity to enroll at NMSU prior to high school graduation. Students are generally either a junior or senior in high school and enrolled in a New Mexico public school district. Under a Dual Credit Master Agreement between NMSU and the school district, students enrolled in approved dual credit courses would be eligible to have the full cost of tuition and general fees waived. Students who wish to enroll in non-approved dual credit courses would be responsible for all costs related to enrollment. High school students not enrolled in a NM public school may be eligible for enrollment as an Early Admission student. Early Admission students are responsible for all costs related to enrollment. Students must complete the Admission Application; provide official high school transcript to the Admissions Office; and complete the Dual Credit Request form.

“Dual Credit Program” means a program that allows public high school students to enroll in college-level courses offered by a public postsecondary educational institution 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 Programs are authorized by New Mexico Laws 2007, Chapter 227 (SB 943) and by the following state rules: 5.55.4 NMAC and 6.30.7 NMAC.

For further information, go to <http://www.hed.state.nm.us> .

**Tuition and Cost:** Tuition is waived for all approved courses during any session and time of day. School districts may pay for college textbooks but the student may be required to return the books at the end of the semester. Meet with your high school counselor to verify your eligibility.

Students must pay for their own supplies, any required protective apparel, and for tools sets where applicable by program. To earn an Associate or Certificate from NMSU Grants, students must meet all required program coursework after high school graduation and pay NMSU Grants tuition and fees after they complete high school. Federal financial aid may be available to defray these expenses after students have graduated from high school as well as the New Mexico Legislative Lottery Scholarship.

**Admission:**

1. Students should apply for NMSU Grants DCP opportunities through their high school counselor and Student Services. Students must meet the requirements agreed upon by their school district and NMSU Grants.
2. Students take the College Placement Test (COMPASS), offered free of charge at NMSU Grants. The COMPASS test determines placement into Math and English courses.
3. NMSU Grants Student Services will review the high school student's application for dual credit enrollment based on COMPASS scores and enrollment availability in academic classes or occupational program(s).
4. Applicants who are selected must have the written permission of their parents and high school counselor or principal to participate in Dual Credit Program.
5. Students must obtain a current transcript from their high school registrar.

**What Regulations Apply to a Dual Credit Program Students?** NMSU Grants regulations apply to all students, including DCP students in the areas of attendance, discipline, and grades. To continue in the program, DCP students must successfully complete all their NMSU Grants courses during any given semester, and maintain a cumulative GPA of 2.0 or better. They must also successfully complete all courses required by their respective high school in order to receive their high school diploma.

**Where Are Classes Held?** All classes are offered at the NMSU Grants Campus or pre-arranged locations i.e. high schools.

**INTERNATIONAL STUDENTS**

The general policies of the university as outlined in this catalog apply to international as well as domestic students. However, some special policies, necessitated by federal laws, are applicable to international students.

A foreign student is any individual attending New Mexico State University while in the United States on a nonimmigrant student visa. Legal immigrants or refugees must present documentation of their status to the International Student Services (ISS)Office, Las Cruces, prior to admission. Go to the following website for further information:  
<http://prospective.nmsu.edu/international/index.html>

**U.S. Citizenship & Immigration Services:**

Some of the more important rules as established by the United States Department of Homeland Security are:

1. Each student must maintain full-time student status for both the fall and spring semesters.
2. International students may not work off campus without authorization. On-campus employment may be authorized under certain conditions.
3. All international students must maintain an up-to-date record in the NMSU Grants Campus Student Services Office as well as in the ISS Office (housed at NMSU in Las Cruces). This record must indicate the student's current "living" address and local phone number.
4. Prior to admission, a prospective foreign student must demonstrate the following:
  - Academic ability to succeed in the chosen course of study;
  - Adequate financial support to complete the chosen course of study; and
  - Adequate command of the English language to maintain legal status as a full-time student for the fall and spring semesters.

**University Procedures for International students****Scholastic Ability:**

1. Prospective undergraduates must have completed a minimum of 12 years' schooling and/or submit an official diploma or a completion certificate from an international secondary school.
2. Official transcripts showing the classes taken and grades earned for years 10, 11, and 12 must be submitted. No hand-carried documents will be accepted unless received in a sealed envelope.
3. The scholastic average for the last three years of high school must be equivalent to 2.5. International students are not admitted on a provisional or probationary basis.
4. Graduation from a high school in the United States does not automatically qualify an foreign student for admission to NMSU Grants Campus. The student must also submit official transcripts from his/her foreign secondary school.

**Financial Support:**

1. Each prospective foreign student must submit a current financial support document with her/his application.
2. This document must show that (a) the person providing the financial support has the necessary funds, and (b) the funds can be transferred from the student's home country to the United States.

No financial aid is available from NMSU Grants Campus for International students. The university reserves the right to demand an advance deposit of funds for any period deemed reasonable prior to granting admission. A foreign national can never qualify for residency and must pay nonresident fees.

**English Language Proficiency:** New Mexico State University requires a minimum score of 500 (paper-based)/173 (computer-based)/ 61 (internet-based) or better on the Test of English as a Foreign Language (TOEFL) for all International students, both non-degree and degree seeking. A waiver of the TOEFL requirement may be considered for:

- 1) Students who are native speakers of English.
- 2) Student completing high school in the United States who: (a) Have attended the high school for at least two full semesters (b) Have scored in at least the 75th percentile in English on the American College Test (ACT).
- 3) Students transferring from a junior college, college, or university in the United States who have earned a minimum of 30 acceptable semester credits (45 acceptable quarter credits) with a grade point average of 2.5 or higher. Acceptable credit means classes that require a high proficiency in both written and oral English.
- 4) Students demonstrating English-language proficiency using methods accepted by International Programs.
- 5) Students enrolling in certain programs where English language proficiency is not required.

The university reserves the right to require any prospective foreign student to meet the TOEFL requirements.

For complete information concerning the TOEFL examination, applicants should review the following website: <http://www.toefl.org>

NMSU conducts an Intensive English Language Program for undergraduates and graduate students pursuing degree programs at NMSU. International students are not admitted to the university for the sole purpose of studying English.

Prior to enrollment, each international student is administered an Academic English Proficiency Test. Based on the results, the student is either assigned to one of the special English classes for international students or is excused from special English instruction. International students excused from SPCD 111G will be required to take ENGL 111G, including students whose native language is English. The student may then be required to complete one or

more regular English classes as required for a particular degree. Completion of basic English courses at other U.S. institutions does not automatically satisfy this requirement

#### **Admission Restrictions:**

Although NMSU does not set a quota for the total number of international students it admits, there may be several factors that would prohibit admission even though the potential international student meets all general requirements.

1. The Campus President may refuse to grant admission.
2. There may be a disproportionate number of International students or a disproportionate number of a particular nationality in one program.
3. Academic advisers may not be available.
4. International students may be non-degree if admitted as exchange students, or as part of a special program, or as holders of visas that allow incidental studies related to their current non-immigrant status.
5. Non-native speakers of English normally are not admitted for summer sessions. There are some exceptions such as students admitted to NMSU's Intensive English Programs.
6. University Community College campuses reserve the right to refuse admission to international students if the appropriate immigration and English-language support services are not available.
7. Preference for admission to the Community College campuses is shown to students who graduate from high school in the United States.
8. University Community College campuses reserve the right to set limits on the number of international students admitted to their respective campuses based on the percentage of international students within an academic program. All application material, including the application for admission, letters of recommendation, transcripts or national examination scores and/or transcripts from colleges or universities (with an English translation), test scores including the TOEFL or IELTS, and proof of adequate financial support should be on file in the International Programs Office by the following suggested dates:
  - . March 1\*for fall semester
  - . October 1\* for spring semester
  - . \*Contact the academic department for specific deadlines. Contact the Office of Study Abroad for exchange program admission deadlines.

**Miscellaneous Regulations:**

- 1. All International students must have health insurance for themselves and their dependents. Students without insurance will not be allowed to register.
- 2. Upon arrival on campus, new International students are not permitted to register until all International Program requirements are met, including taking the English screening examination. All International students are required to report to the NMSU Office of Student Services, Martinez Hall, Grants, New Mexico.
- 3. Undergraduate students are required to carry a minimum of 12 credits per semester.
- 4. Undergraduate students are required to carry at least 12 credits per semester. Students in non-degree exchange J-1 visa status must be engaged full-time in a prescribed course of study as determined by the NMSU Responsible or Alternate Responsible Officer (RO/ ARO).

**TUITION, FEES AND OTHER EXPENSES**

**Tuition/Fees:** Refer to the current Schedule of Classes, published each Summer/Fall and Spring for the current tuition, fees, and course fees, as all rates are subject to change. You may also check out the current tuition and fees at <http://grants.nmsu.edu>

**Tuition (Summer & Fall 2010; Spring 2011)**

**In-District**

Per semester, 12-18 credits **\$744**

Per credit hour up to 1-12 and over 18 **\$62**

**Out of District**

Per semester, 12-18 credits **\$816**

Per credit hour up to 1-12 and over 18 **\$68**

**Non Resident**

Per semester, 12-18 credits **\$1,548**

Per credit hour up to 1-12 and over 18 **\$129 \***

**\*\* During a regular semester resident tuition is charged for non-resident students enrolling for up to but no more than 6 credits.**

Members of the Armed Forces, their spouses and minor children (not otherwise entitled to claim residency) are eligible for tuition payment at the resident student rates upon presentation of certification from their commanding officer of assignment to active duty within New Mexico. Certification is required each time a student registers.

All enrolled members of the Navajo Nation who reside on the Navajo Reservation, as certified by the Navajo Department of Higher Education, will be assessed in-state, out-of-district tuition rates at all

times. A tribal certification may be required for out-of state residents.

All students attending summer sessions pay resident tuition.

**Tuition Differentials:** NMSU Grants students wishing to enroll in courses through other NMSU campuses will pay the tuition rate in effect at that campus, as well as all Distance Education fees per course. Registration and tuition payments may be made at NMSU Grants.

**Application Fee:** A one-time, \$20 application fee and a completed application form must be submitted. This fee is waived for online applications. The fee, which is not refundable, is required of students who have not previously enrolled at New Mexico State University or one of its Community Colleges.

**Graduation Fees:**

- 1. Associate Degree .....\$25
- 2. Certificate Programs .....\$10

**Late Registration Fee:** A late registration penalty of \$25 will be assessed for course registrations processed during a term's late registration time period. Failure to make scheduled payment with the University Accounts Receivable on due dates may result in additional liability.

**PAYMENT OF CHARGES**

By enrolling in classes at NMSU, a student makes a financial commitment to pay the tuition and fee charges associated with that enrollment. The enrollment action constitutes a financial obligation between the student and NMSU and that all proceeds of this agreement will be used for education purposes and constitutes an education loan pursuant to 11 U.S.C 523(a) (8). Terms and Conditions of Course Registration are posted on the NMSU website and available in each term's class schedule. Payments can be made by mail, web, telephone, or in person at Student Accounts in our Business Office. Cash, checks, money orders and limited types of credit cards are accepted. Term charges can be paid in full or paid by using a payment plan. Students utilizing the payment plan for Fall and Spring terms will have the balance due in four equal monthly installments within the term. Summer terms have two installments within the term. A payment plan fee of \$20.00 is assessed to students using the plan for each campus enrolled. All financial aid received must be paid towards balances owed. Additional penalty charges may be assessed for failure to make payments when

due. The University reserves the right to deny a payment plan to any student who has a poor credit rating or who has been negligent in making payments to the University for previous debts. Course reservations may be cancelled if payment arrangements for past due dates are not completed by the deadlines as outlined in a term's class schedule. Academic credits, transcripts, and diplomas will be withheld until all financial obligations are paid. Students are prohibited from registering for a term until all previous debts due to the University are paid in full.

### **Tuition Adjustments, Refund, and Forfeitures**

Any student officially dropping or withdrawing from a course or courses during a term may receive tuition and fee adjustments as outlined in the current class schedule. No tuition adjustments will be made on classes of less than five weeks' duration. Non-attendance does not constitute official course drop or withdrawal. All charges due to the university must be paid before refunds will be permitted.

In cases of academic or disciplinary suspension, eligibility for tuition adjustments will depend on the conditions of the suspension and will be entirely at the option of the university. Should unforeseen circumstances beyond the reasonable control of the university result in curtailing classes, closing residence facilities, or otherwise withdrawing services that are a normal function of NMSU, refunds of any nature will be at the discretion of the university administration.

### **Dishonored Financial Transactions- Checks, Credit Cards, ACH Transactions**

The university charges a penalty on all dishonored cash instruments.

Personal checks will not be accepted from students who have had previously dishonored checks.

### **ESTIMATING OTHER EXPENSES**

In addition to the direct costs stated above, other expenses per semester may include such items as textbooks and supplies (estimated at \$300) and personal expenses (estimated at \$460).

**Refunds and Forfeitures:** Any student officially dropping or withdrawing from a course during a semester or summer session may receive tuition and fee adjustments according to refund schedules as published in the current Schedule of Classes. The refund schedule applies when courses are dropped (making a tuition adjustment necessary). All refunds are applied toward amounts owed. Non-attendance does not constitute official course drop or withdraw.

All charges to the university must be paid before refunds will be permitted. Refunds are picked up in the Business Office or mailed to the student.

In cases of academic or disciplinary suspension, eligibility for a refund will depend on the conditions of the suspension and will be at the discretion of the college. Should unforeseen circumstances beyond the reasonable control of the university result in curtailing classes or otherwise withdrawing services that are a normal function of NMSU, refunds of any nature will be at the discretion of the university administration.

Class attendance without prior payment of tuition and fees or without financial arrangements being made in the Business Office will render the student liable for the semester's charges and may result in cancellation of the student's enrollment.

For additional information on costs, fees, and refunds, consult the "costs" section in the Schedule of Classes published each semester.

### **RESIDENT, NONRESIDENT STATUS**

Resident or nonresident status is determined in accordance to a uniform definition established for all New Mexico institutions by the Commission on Higher Education, State of New Mexico. The NMSU Registrar's Office administers residency.

Members of the Armed Forces, their spouses and minor children, not otherwise entitled to claim residency, are eligible for tuition payment at the resident student rates upon presentation of a certification from their commanding officer of assignment to active duty within New Mexico. Certification is required upon initial registration.

All out of state members of an American Indian nation, tribe, and pueblo, located wholly or partially in New Mexico, regardless of the residence of the member prior to acceptance at a post-secondary educational institution shall be eligible to pay the in-state tuition rate. (Residents of Cibola County for 12 months or longer qualify for the in-district tuition rates.) These include members of the following tribes or pueblos: Jicarilla Apache, Mescalero Apache, Taos pueblo, Picuris pueblo, Ohkay Owingeh, Santa Clara pueblo, Nambe pueblo, San Ildefonso pueblo, Pojoaque pueblo, Tesuque pueblo, Cochiti pueblo, Jemez pueblo, Santo Domingo pueblo, San Felipe pueblo, Zia pueblo, Santa Ana pueblo, Sandia pueblo, Isleta pueblo, Laguna pueblo, Acoma pueblo, Zuni pueblo, and the Ute Mountain tribe.

## FINANCIAL AID

As an open-door institution, NMSU Grants is committed to providing equal educational opportunities to students regardless of personal, economic, or social conditions. This commitment means helping students overcome financial barriers in getting the education they seek. Each year, NMSU Grants provides aid to many students who would otherwise be unable to attend the college because of lack of funds.

The mission of the Office of Student Financial Aid and Scholarship Services is to improve access to higher education by providing comprehensive financial assistance and information to all students and the NMSU community. NMSU, the federal government, and the state of New Mexico all contribute to assist students and their families in pursuing higher education.

The financial aid office administers a broad spectrum of loans, grants, jobs, and scholarships in an attempt to meet the financial needs of the university's students.

The Office of Student Financial Aid and Scholarship Services awards financial aid to students according to their individual needs. Parents of students are expected to contribute to their child's education according to their ability, taking into account their income, assets, number of dependents, and other relevant information. Students themselves are expected to contribute from their own assets and earnings, including appropriate borrowing against future income. All information provided to the Office of Student Financial Aid is regarded as confidential.

Students applying for financial aid complete a Free Application of Federal Student Aid (FAFSA) designed to determine, in accordance with state and federal guidelines, the difference between what the student or family is expected to contribute and the cost of attending \$0 NMSU. Among the factors that determine the family's expected contribution are

- (1) annual adjusted gross income as reported to the Internal Revenue Service;
- (2) savings, stocks, and/or bonds;
- (3) other assets in the form of a business, farm, or real estate;
- (4) nontaxable income and benefits; and
- (5) student's prior year income and assets.

Students applying for financial aid should complete a FAFSA by visiting <http://fa.nmsu.edu> or <http://www.fafsa.ed.gov/>.

Please refer to the NMSU Financial Aid web site for more information on financial aid available in the financial aid office. A listing of programs and policies is available at <http://fa.nmsu.edu>.

**General Eligibility Requirements:** To receive financial aid you must:

1. Have financial need, except for some loan and work-study positions.
2. Have a high school diploma or a General Education Development (GED) Certificate, pass a test approved by the U.S. Department of Education, meet other standards your state establishes that are approved by the U.S. Department of Education, or complete a high school education in a home school setting that is treated as a home school or private school under state law.
3. Be enrolled or accepted for enrollment as a regular student working toward a degree or certificate in an eligible program. (You may not receive aid for correspondence or telecommunications courses unless they are part of an associate's, bachelors, or graduate degree program.)
4. Be a U.S. citizen or eligible noncitizen (state funded scholarships are available to undocumented students).
5. Have a valid Social Security number. If you don't have a Social Security number, you can find out more about applying for one at <http://www.ssa.gov>.
6. Make satisfactory academic progress (SAP).
7. Sign a statement on the FAFSA certifying that you will use federal student aid only for educational purposes.
8. Sign a statement on the FAFSA certifying that you are not in default on a federal student loan and that you do not owe money back on a federal student grant.
9. Register with the Selective Service, if required.

## Sources of Financial Aid

**Grants**— The foundation for the financial aid is the Federal Pell Grant, a federal grant available to undergraduate students with documented financial need. Pell Grants range from \$400 to \$5550, though these figures are subject to change each year. If a Pell Grant is insufficient to pay educational expenses, the student may be eligible to receive other types of aid, including a Federal Supplemental Educational Opportunity Grant (SEOG) or Leveraging Education Assistance Partnership Program (LEAP) Grant, and/or other miscellaneous grants.. These grants are awarded to undergraduate students who show exceptional financial need. Typically, all three types of grants do not have to be repaid.

**Loans**—Available to undergraduate students with financial need, Federal Perkins Loans are long-term, low-interest loans that must be repaid to the

university according to federal guidelines. Repayment begins six or nine months after graduation or after enrollment drops below six credits.

Subsidized and unsubsidized Federal Stafford Loans are need-based, long-term loans available to undergraduate students. Students receiving a subsidized or unsubsidized Federal Stafford loan or a Perkins must complete a debt-management session before NMSU will issue a check. In addition, students must complete an exit interview upon graduation or withdrawal from the university. Repayment of a Stafford loan begins six months after graduation or six months after enrollment drops below 6 credits. The interest rate is variable but will not exceed 8.25%. More information will be available at the time the loan is made.

**Work-study Programs**—The Federal Work-Study Program provides employment opportunities for selected undergraduate students with demonstrated financial need. The New Mexico Work-Study Program also provides employment opportunities for students; however, only New Mexico residents are eligible to participate in the program.

For more information on the U.S. Department of Education student aid programs, go to <http://studentaid.ed.gov/guide> (for financial aid) or see the NMSU Financial Aid website at <http://fa.nmsu.edu>.

### **Awards**

All financial aid awards are based on information provided by the student and parents, 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 and scholarships may not pay for courses in which an I or RR grade is received, or for audited courses.

### **Scholarships and Other Aid**

State, institutional, federal, tribal, local company and agency scholarships may also be available. Amounts, deadlines and eligibility requirements vary. For more information and a complete scholarship list, contact the Office of Student Financial Aid and Scholarship Services, visit the university's scholarship website at <http://fa.nmsu.edu/sch.html>, or visit the Student Services Office which provides current information on local scholarships. Students planning to complete a Bachelor's degree through NMSU Las Cruces are

reminded of the **March 1 deadline** for priority scholarship applications. Students will also need to have their status changed from Grants to the College of their choice, i.e. Education, Health & Social Services, etc.

Many students finance part of their education with scholarships, which may be awarded for academic achievement, special skill, talent, or because of the recipient's financial need.

### **Major Scholarships for Entering Freshmen**

**President's Scholarship/Opportunity Scholarship: Tuition and Fees**—High School Requirements: minimum 2.5 GPA. Renewable: 2.5 cumulative GPA and 12 graded credits each semester. High School Seniors and current students are advised to apply early, April 1 for the Fall semester and December 1 for the Spring semester.

**New Mexico Legislative Lottery Scholarship**—Every New Mexico high school graduate (or GED graduate) who wants to attend a public college or university in this state can enroll tuition-free, courtesy of the New Mexico Lottery, provided certain criteria are met. The student must have graduated from a New Mexico high school or obtained a New Mexico GED on or after May 1996, and then enroll in a public postsecondary institution during the first regular semester immediately following high school graduation (or receiving the GED). Before funds are awarded, students must first complete at least 12 graded credit hours earning a cumulative GPA of 2.5 during their first semester. They are then automatically awarded the New Mexico Legislative Lottery Scholarship the next semester if they enroll full time.

### **Financial Aid Satisfactory Academic Progress**

Federal regulations require that financial aid recipients meet certain academic standards to be eligible for federal financial aid. To ensure that financial aid recipients are making satisfactory academic progress, academic transcripts are reviewed at the end of each term to determine eligibility for the next term. All terms of attendance are reviewed, including periods in which a student did not receive financial aid. All transfer work is taken into account when satisfactory progress is reviewed.

- **Qualitative Progress:** Undergraduate students must maintain a cumulative GPA of at least 2.0 (a C average). Grade point values are A=4.0, B=3.0, C=2.0, D=1.0, F=0. Grades of I, CR, RR, PR, NC, W, AU are not calculated in the GPA.

- **Completion Rate:** Students must complete a minimum of 67 percent of all course work (registered credit hours) attempted at NMSU. Any course with a grade of withdraw (W), incomplete (I), repeats (RR), failure (F), audit (AU), or no credit (NC) is not considered completed course work. Repeated courses are included in this calculation.
- **Maximum Time Frame:** Student must complete their program within 150 percent of the credit hours required by the program. Students who have reached the maximum allowable time will be suspended from receiving financial aid. Developmental/remedial hours are excluded from this calculation. Total attempted hours including repeated courses and transfer course work are included in the student's maximum time frame calculation.
- **Recipients of financial aid grants and loans who drop credits or withdraw may be required to return all or a portion of awarded Title IV funds.** Further information regarding the return of Title IV funds is available on the NMSU web site at [http://fa.nmsu.edu/title\\_IV.html](http://fa.nmsu.edu/title_IV.html).

### **Financial Aid Suspension**

Students are suspended from receiving financial aid if they do not meet satisfactory academic progress standards. Students on financial aid suspension will not receive any form of federal or state financial aid (grants, loans, work-study). Financial aid eligibility is reinstated when all standards of satisfactory progress are met.

### **The Appeal Process**

Students suspended from financial aid may appeal the suspension if there are mitigating circumstances affecting their progress. Students who would like to appeal the suspension must submit an appeal form available at <http://fa.nmsu.edu>, and all required documentation to the Financial Aid Office. A committee will review the appeal and may grant reinstatement of financial aid bases on mitigating circumstances that directly contributed to deficient academic performance. Appeals are usually evaluated on a term-by-term process.

## **MILITARY/VETERANS & FAMILY MEMBERS SUPPORT FOR SUCCESS ALL THINGS MILITARY**

All Things Military promotes lifelong learning and professional development for military members and their families, both nationally and at our regional military bases. This program promotes compatibility between NMSU's academic and administrative practices with those used by the military's education system, ensuring convenient and affordable educational access. NMSU is a military-friendly university and an institutional member of the Servicemembers Opportunity College (SOC). NMSU in Las Cruces and its four community college campuses in Alamogordo, Carlsbad, Doña Ana and Grants are committed to service-members, veterans and their family members, and will assist them in their higher educational goals by offering:

- Affordable, in-state tuition rates for military personnel and their families
- Easily transferable credits that count toward degrees at NMSU
- GoArmyEd participation
- Courses taught online and at locations on and near to New Mexico military installations
- A tradition of quality education

For further information, contact the Military Coordinator for Student Success at MSC 3CEL, NMSU, P. O. Box 30001, Las Cruces, NM 88003-8001, or call (575) 646-6216. Overview may be viewed at <http://extended.nmsu.edu/military/index.html>.

### **ACTIVE MILITARY EDUCATIONAL OPPORTUNITIES**

NMSU is committed to serving the educational needs of service members and their families by providing degree programs through the most innovative technology methods available. Delivery methods include face-to-face on campus, online learning management system videocassette, hybrid, and podcast, as well as others. As a Servicemembers Opportunity Colleges (SOC) institution, NMSU supports service members by maximizing their educational opportunities. The College of Extended Learning coordinates NMSU participation in SOC, Defense Activity for Non-Traditional Education Support (DANTES), and Centralized Tuition Assistance Management Program (CTAMS.) For information on programs offered through distance education, see the College of Extended Learning.

## **COSTS ACTIVE-DUTY**

Active-duty military personnel (Armed Forces), stationed in New Mexico or at Fort Bliss, Texas may complete an "Active Duty Military Waiver" to qualify for in-state tuition. Spouses and minor children of active-duty personnel who are stationed in New Mexico and Fort Bliss, Texas who are not otherwise entitled to claim in-state residency, may apply for in-state tuition by submitting a "Resident Tuition Application for Active-Duty Military" to the NMSU Registrar's Office.

Applications are available at the NMSU Registrar's Office or by contacting the Military Coordinator for Student Success at MSC 3CEL, NMSU, P. O. Box 30001, Las Cruces, NM 88003-8001, or call (575) 646-6216.

Chapter 30, MGB and Chapter 33, Post 9/11 students (veterans) may be eligible for the in-state tuition through the Veterans' In-State Tuition Act. For further information concerning approved programs and application process, eligible persons should contact the Veterans' Programs Office at Jacobs Hall, Room 214 or at (575) 646-4524 or through email at [va@nmsu.edu](mailto:va@nmsu.edu) or in Grants at (505) 287-6678.

## **VETERANS**

Veteran students enrolled under the following programs are responsible for their tuition and fees in the same manner as a nonveteran student:

- Montgomery GI Bill-Active Duty (CH30)
- Dependents (CH35)
- Montgomery GI Bill - Selected Reserve (CH1606)
- Reserve Educational Assistance Program (REAP)
- Post 9/11 (CH33)

Tuition and fees of students enrolled under the Vocational Rehabilitation Program (CH31) will be paid by the department of Veterans Affairs under contract with the university.

## **VETERAN'S PROGRAMS**

NMSU Grants programs are approved by the Director of Veteran's Education and Training for enrollment of persons eligible to receive education benefits from the Department of Veterans' Affairs (DVA).

For certification of benefits, contact the Certifying Official in the Office of Student Services, Room 05, Martinez Hall.

## **Responsibility of Veteran Students/Attendance and Satisfactory Progress**

Students must be pursuing a degree in a specific program to be eligible for benefits. Admission

procedures for veterans and other eligible persons are the same as for all students. VA students are encouraged to apply online for their Educational Benefits at <http://www.gibill.va.gov>. For continued verification students must submit Class Schedule to the NMSU VA Certifying Official(s) in Student Services.

Veterans must notify the Veteran's Programs Office when any of the following occurs:

- Dropping or adding course(s)
- Withdrawing from course(s)
- Discontinuing regular class attendance
- Change in programs (academic majors)

VA educational benefits are payable for regular attendance in courses that are part of the veteran's declared program. VA educational benefits are not payable for the following:

1. Classes not attended regularly
2. Repeat of a course for which a passing grade was received
3. Classes for which credit is received through successful completion of a proficiency test of grade by examination
4. Classes taken on an audit basis
5. Classes which are dropped
6. Classes taken that are not part of the veteran's program (major) curriculum

The Veterans' Administration requires all veterans attending under the Veterans Educational Assistance Benefits to make satisfactory progress and systematic advancement toward an educational objective or be liable for over payments from the Veterans' Administration. Satisfactory progress and regular class attendance are expected of such students. If a veteran receiving benefits is suspended for academic reasons, benefits are terminated and will be restored only after readmission to NMSU. If the university has liability claims filed against it as a result of a veteran failing to meet compliance requirements of the Veterans' Administration, the university will not release any academic records on the veteran until such time as the veteran has reimbursed the federal government for funds drawn in violation of those requirements. A student receiving VA benefits who is pursuing a degree program offered by New Mexico State University should adhere to the curriculum of that program. Failure to do so will result in the student being certified for less than full-time status or becoming liable for an overpayment.

## **REGULATIONS**

Note: These regulations apply to all campuses of NMSU and are effective with the publication of this

catalog. Tuition amounts, fees, and similar items subject to annual review and change are all effective with the current catalog.

### **GoArmyEd**

Soldiers must first be admitted to NMSU before they may enroll in any classes at NMSU. Only enrollments verified through the GoArmyEd portal will be eligible for Tuition Assistance (TA). It is the soldier's responsibility to process all class withdrawals through both GoArmyEd and NMSU systems in accordance with institutional policies and procedures. For further information, contact the Military Coordinator for Student Success at MSC 3CEL, NMSU, P. O. Box 30001, Las Cruces, NM 88003-8001, or call (575) 646-6216; or in Grants, speak with the VA Certifying Official(s) at (505) 287-6678.

### **CREDIT FOR MILITARY SERVICE**

New Mexico State University will award academic credit to United States military personnel for courses and military occupational specialties (MOS), based on the American Council of Education Guide (ACE) as well as through national standardized tests, such as CLEP, AP, PEP, and DANTES. Credit for military-training is in accordance with NMSU Faculty Senate Legislation Proposition 24-07/08, which was passed in May 2008. Military Training and Military Occupational Specialties (MOS) must have a recommendation evaluation by ACE (in the ACE Guide) for credit to be awarded. Courses accepted for transfer credit are given an NMSU equivalent and become part of the student's official NMSU transcript and academic record. If a student wishes to appeal a decision regarding the acceptance of military training/education and/or MOS for academic credit, the student must submit a written statement of appeal to the Vice President for Student Services. The Office of the Registrar in Las Cruces will review the merits of the appeal and render a decision. The decision of the Registrar is final. Only Primary MOS (s) are eligible for academic credit in the initial review and evaluation. Credit for Duty and /or Secondary MOS may be eligible for academic credit if the student petitions the Office of the Registrar in Las Cruces. Primary MOS is the primary specialty of a soldier and reflects the broadest and most in depth scope of military experience. Veterans, active-duty personnel, Guard and Reservists who are a current student or a student applying for admission to New Mexico State University may be granted academic credit on a case-by-case basis upon evaluation of military transcripts - Sailor/Marine ACE Registry Transcript;

System (SMARTS), Army/ACE Registry Transcript System (AARTS), Community College of the Air Force (CCAF) and United States Coast Guard transcripts.

Course equivalencies and credit hours awarded for a particular NMSU degree are determined by colleges and/or academic departments. Credit hours may be awarded for specific courses toward degree requirement, or as elective credit. The number of credit hours awarded will be determined by the college and/or academic department. NOTE : Students submitting military transcripts for credit evaluation must keep in mind the Maximum Time Frame policy. See FINANCIAL AID section; paragraph FINANCIAL.

### **MILITARY WITHDRAWAL**

The following steps must be taken by all New Mexico State University students called up for active duty who wish to withdraw from all their classes:

- a) Veterans' Programs. VA students ordered to Active Duty must provide a copy of orders to the Certifying VA Official in Student Services, Martinez Hall. To assist in reporting accurate information to the VA Regional Office, student should also provide, in writing, last day of class attendance.
- b) Office of the Registrar. All students presenting their orders to the Office of the Registrar, (575) 646-3411, will receive a military withdrawal from classes and a full tuition and fees refund for that semester.
- c) Bookstore. Students who still have their receipts for textbooks purchased the semester in which they are called to active duty will be given a full refund for these textbook purchases when they present their orders.

### **ACADEMIC AND STUDENT SUPPORT SERVICES**

**Academic Advising:** The Student Services Office offers centralized academic advising throughout the academic year to meet the needs of its student population. Academic advising is an ongoing, shared partnership between a student and an adviser that focuses on helping the student identify, plan and achieve academic, career and life goals.

Advisers provide academic advising services to all students and prospective students for programs offered at NMSU Grants, as well as advising information for students transferring to NMSU Las Cruces or any other college or university in the state of New Mexico.

In an academic advising session students and advisers engage in:

- Developing an awareness of values, interests, abilities, skills, and potential
- Identifying academic, career and life options and goals
- Choosing an academic program
- Strategically planning out steps toward graduation
- Identifying effective academic study skills and habits
- Solving problems that impede progress toward an academic goal
- Referrals to appropriate campus and community resources
- Learning how to use the my.nmsu.edu portal, the STAR degree audit, and FAFSA online
- Selecting courses
- Registering for courses
- Referrals to scholarships, internships, and employment opportunities

Program managers and faculty are also available for specific program and course questions. Refer to posted office hours to make an appointment with program managers and faculty.

### **When to seek advising**

**New Students** will meet with an adviser and register for courses prior to their first semester. Students with a “hold” will also need to meet with an adviser.

**Transfer and readmitted students** should meet with an adviser their first semester. Upon transfer evaluation of prior credit, students will also meet with an adviser.

**Continuing students** should plan ahead and meet with their adviser every semester well in advance of continuing student registration. Students nearing the completion of their certificate or degree should meet with an adviser at least one semester prior to graduation.

### **WEB REGISTRATION**

After being admitted and receiving academic advising, eligible students may register for classes on the Web at my.nmsu.edu. For additional information, refer to the current Schedule of Classes.

Upon completing online registration, a copy of the registration document may be obtained at the Business Office, room 05, Martinez Hall if needed for third party payment, scholarships, etc. Course

registration will also be sent to the student’s NMSU email account.

The Web registration system will not accept requests for S/U grading option unless the course is offered exclusively on an S/U basis. Likewise, the system will not accept requests for Audit grading option. To request S/U or Audit grading for courses, see an adviser.

Students need to use their NMSU User ID and Password to access Web registration through the my.NMSU.edu website. If a student forgets their User ID and Password, the system will allow students to reset it online, provided they answer security questions correctly. If these attempts fail, students must consult with the ICT staff on campus.

### **Services for Students with Disabilities**

Services for Students with Disabilities (SSD) assists individuals with documented disabilities to obtain appropriate academic accommodations. Students with sensory, mobility, learning, or other recognized impairments are encouraged to apply for services through this office. Among services available are note taking, test accommodations, interpreters, and others. Students are encouraged to provide documentation and request services well in advance of the start of school to allow adequate time to make the needed arrangements. The university is committed to ensuring that the campus is accessible to all individuals. For more information, please come by the Vice President for Student Service’s Office in Martinez Hall or call 287-6628.

**Career Counseling:** Student Services is available to assist students in career planning and assessment. A limited listing of current employment is maintained in our office. Students are encouraged to check the career bulletin board, which is kept current. Assistance with resume writing and interviewing techniques is available through resources in the Adviser’s Office, individually by appointment, or at the Student Success Center, room 125, Martinez Hall. Professional Career Counseling assessments are also available in Student Services.

**Internships:** Information is available on internship opportunities offered by government, nonprofit organizations, and business/industry. During the summer months and throughout the academic year, interns may arrange for academic credit for internships. Speak with an adviser in Student Services for information.

**Counseling:** Personal and relationship problems can occasionally interfere with your studies. A counselor is available for short term counseling for students whose difficulties are school related and temporary in nature. The counselor will also provide appropriate community referrals for students needing services other than brief interventions. The counselor is available to faculty and staff, as well as for interventions or assessments which may be needed for disruptive or distressing circumstances on campus. The counselor is available in Student Services, Room 05, Martinez Hall.

**Cooperative Learning Program:** NMSU Grants Cooperative Learning Program, also known as “Co-op”, provides degree-related work experiences with employers from the surrounding area. The program contributes to the students' total educational experience and realization of career goals by integrating theory and practical application. For more information, students are encouraged to contact the Program Manager and refer to the program of study in the Catalog.

**Adult Basic Education (ABE):** The Adult Basic Education program at NMSU Grants provides instruction to adults (16 and over) in GED test preparation; Pre-GED and basic skills in English, reading, and math. Upon enrollment of the program, learners' skills are assessed and a learning plan is developed based on assessment results. Learners work on skill development through small group classroom instruction, computer-based learning, tutoring, and/or self study. All services are free of charge except the GED tests which carry a fee of \$7 per subject (5 subject areas). Enrollment requires a New Mexico ID and Social Security card. Learners under 18 must have parental and school board permission. Interested adults are encouraged to call the ABE office at 287-6662.

**Bookstore:** The Barnes & Noble NMSU-Grants Bookstore is located in Martinez Hall Room 04. The Bookstore sells required course textbooks, both new and used. The Bookstore also has school supplies and NMSU insignia clothing items. Students may receive a full refund if books are returned during the first week of classes with a receipt. With a proof of schedule change and a receipt, a full refund will be given during the first 30 days of classes. Textbook refunds for Summer and Mini sessions is one week only from the start of class. The Bookstore is open during posted hours. For any additional information, please visit us at <http://www.nmsu.bncollege.com>

## **Technology**

### **Information and Communication Technologies**

Information and Communication Technologies (ICT) supports access and success at NMSU. Through their projects and daily activities, ICT provides resources and services to support the educational, research, and public service missions of the university. ICT provides computer labs throughout the Grants campus that provides PC's and Mac's loaded with computer software to meet the academic needs of NMSU students. Access to other campus resources including wireless zones, account management, equipment checkout, and learning technologies are readily available. Student admissions, registration, financial aid, and grades are accessible on the web for easy student use through [myNMSU.edu](http://myNMSU.edu).

For further information, contact ICT in Las Cruces: MSC 3AT, NMSU  
P. O. Box 30001, Las Cruces, NM 88003-8001  
(575) 646-1840 or email [help@nmsu.edu](mailto:help@nmsu.edu).  
ICT's web homepage is located at <http://ict.nmsu.edu>.

For assistance in Grants, go to the IT Office in Martinez Hall or call 505-287-6666.

### **NMSU Grants Computer Usage Guidelines**

NMSU Grants provides four computer labs for student use only located in Room 122 (Drafting – CAD), Room 121 (Business), Room 307 (Computer Science) and Room 127 (Student Success Center). The Business, Computer Science, and CAD labs are available only during class time or for majors on an individual basis. The computer lab in the Student Success Center (SSC) is an open lab available to all students, but is not available for public use. The hours for the SSC open lab change from semester to semester and are posted on the door.

NMSU Grants also provides computers for public and student use in the library and the Cyber Café. The hours for these two locations are posted and change based on whether classes are in session or not. Although these computers are available to the general public, NMSU Grants student use takes priority.

NMSU Grants is a completely wireless campus. Wireless access is available everywhere on campus. To gain access to the wireless network, contact the IT Department to obtain a password. You must have anti-virus software installed on your laptop to gain access to NMSU Grants wireless network.

NMSU Grants provides computer technology, including Internet access for educational purposes and to facilitate other activities necessary for the efficient operation of the institution. The college intends that this technology will be used in a manner which:

- Is conducive to learning;
- Is free of illegal acts;
- Shows respect for the rights and dignity of others.

#### Acceptable Use:

The intent of these general computer use guidelines is to define broad categories of use that are not acceptable, not to provide an exhaustive list of inappropriate or unacceptable uses. Based on guidelines noted in this document, NMSU Grants officials may at any time make determinations that specific uses are or are not appropriate or acceptable. If asked by an NMSU Grants official, you must be prepared to present a course syllabus and/or assignment that would necessitate the use of computers for activities otherwise deemed as unacceptable by these guidelines. It is **not acceptable** to use the college's computer equipment or facilities:

- For any illegal purpose or act.
- To transmit harassing, indecent, obscene, discriminatory or fraudulent materials or messages.
- To transmit or receive any materials in violation of either state or federal laws (e.g. copyright laws).
- To send fraudulent or forged email messages using the account of another person.
- To harass another user or violate another user's rights.
- To access pornography or other offensive or inappropriate material.
- To copy or attempt to copy any software or files without authorization.
- To distribute unauthorized software.

#### General Rules:

- Food and drink are not allowed in the computer labs, including the Cyber Café.
- Student work is to be saved on CD or USB flash drive. Personal files left on the computer will be deleted.
- Computers are available on a first-come, first-serve basis.
- Use of computers is limited to two hours. Users working for more than two hours can be asked to

relinquish their computer to users who are waiting.

- NMSU Grants is not responsible for personal items left unattended.
- Be considerate of others by keeping noise and other disruptions to a minimum.
- All cell phones are to be turned off or set to silent while in the lab.
- Printing large files is prohibited. Please limit your printing to material that is really needed.
- Children are not allowed in the college's open laboratories. Children 14 years up through age 18 may use the Cyber Café and library computers for educational purposes IF accompanied by a parent or guardian.
- Headphones must be used at all times when listening to any form of audio materials and must be set at a level that does not disturb others around you. Students are responsible for providing their own headphones.
- Users are not allowed to remove any college hardware, software, or data without permission.
- Do not modify or attempt to modify system configurations or hardware without authorization.

The use of NMSU Grants computer technology is a privilege extended to all users. Inappropriate or unacceptable use of this technology may result in loss of this privilege.

College IT personnel may monitor information on the computer networks or on individual computers or computer systems. Complaints of possible inappropriate or unacceptable use will be investigated. Complaints regarding violations of acceptable use policy should be forwarded to the IT Department.

The open and library labs have their own specific computer use guidelines. Please read them before using of their computers.

Students may refer to:

<http://ict.nmsu.edu/Guidelines/index.html> for additional NMSU security, policies, and guidelines.

**Distance Education Coordinator:** Advising is available for transitioning to a Bachelor's degree program through NMSU Distance Education and the College of Extended of Learning. As a student is nearing completion of an Associate's degree, the student will be referred to the D.E. Coordinator. The D. E. Coordinator may be reached at 505-287-6693 or 287-6678. Refer to pg. 58 additional information

on Bachelor's degrees available through the Distance Education program.

**Education Resource Center (ERC):** The Education Resource Center (Rm 304) provides educational resources for students entering the teaching profession. In addition to professional development materials, the ERC provides access to subject-level curricula, children's literature and state-of-the-art educational technology.

**Library:** The NMSU Grants Library makes available books, magazines, newspapers, and journals to NMSU students, faculty, and members of the community. Access is provided through the NMSU Library Catalog online and through online article databases. Audio-visual materials are available to faculty for checkout and to students and members of the community to view in the library. Students may check out videos that correspond with their math coursework. Internet access is available at twelve public computer workstations and self-service photocopies are available for a nominal fee per copy. Helpful library staff is on hand to assist anyone with their research needs. The Library houses a collection of New Mexico legal materials as a service to the local community, but no longer maintains a Law Library. The Library's current operating hours are posted outside the library entrance and on the library's website. You may call 287-6637 for the most up-to-date information or visit the Library's website: <http://grants.nmsu.edu/library.html>.

**Small Business Development Center:** The Small Business Development Center (SBDC) is located at 701 E. Roosevelt Ave., in Grants. The SBDC offers free counseling and guidance for business owners, prospective owners, and managers. The SBDC is designed with the small business person in mind. Whether in business for some time or just starting out, the SBDC can help address issues and problems encountered by small business owners. As a member of the New Mexico Small Business Development Center Network, SBDC's experienced staff can help you:

- Explore business ownership opportunities in Cibola County
- Start a new business or make an established one more efficient and profitable
- Create alternatives for solving problems
- Measure your success potential
- Improve your management skills
- Access a wealth of business resources

### **Specialized Consulting**

SBDC staff is available for specialized consulting to help business owners develop an individual plan for your business. Staff will help create alternatives to solve business-related marketing problems and offer assistance for effective record keeping, accounting, and inventory control.

### **Business Education**

The SBDC offers individualized tutoring in accounting, marketing, and various aspects of management that can help you avoid costly mistakes. Special arrangements can be made for SBDC staff to come to businesses to discuss strategies. Seminars and workshops are available to improve business and management skills. For more information, contact the SBDC Director or staff at 287-8221.

**Small Wonders Child Care Center:** This private daycare operates on the NMSU Grants Campus and is available for student, faculty, and staff families as well as the public. Students receive a small discount on the rates. There is frequently a waiting list for all ages and you are encouraged to contact the Director as early as possible. For more information, call Small Wonders Child Care Center at 287-8373.

**Student Conduct:** The policies and procedures related to student conduct are published in the NMSU Grants [Student Code of Conduct and related policies Handbook](#) available from the Office of Student Services. The Vice President for Student Services serves as the NMSU Grants Campus Discipline Officer for student misconduct. The Vice President for Academic Affairs serves as the Hearing Officer for academic misconduct.

**Student Government/Student Activities:** The Associated Student Government (ASG) has been established to provide students with a vehicle to provide input to administrators, organize and support student activities, and assist with various campus events. Clubs, based on various student interests and activities, are established each year. Examples include Phi Theta Kapa, International Arts, Electronic, Poco Loco Film Club and others. To find out more about getting involved in student government or the various clubs, go to the "Student Organizations link <http://grants.nmsu.edu/org.html> on the NMSU-Grants website or call the Student Services office at 287-6678.

**Student Success Center:** Located in Martinez Hall, Room 125, the Student Success Center (SSC) offers registered students a quiet study area, test proctoring, and free one-on-one tutoring in most subjects. The SSC is also the college testing center, administering

the COMPASS test to new students. The SSC offers a variety of software such as PLATO learning systems, which is a self-paced tutorial program for Math, English, Biology, and Chemistry, as well as the Mavis Beacon typing software and the Rosetta Stone Spanish language acquisition software. The Open Computer Lab (Room 127) are part of the SSC.

**Children on Campus:** Children should not be left unattended anywhere on campus, including the Cyber Café, Library, Student Lounge, and the TV area. Refer to the Computer Usage Guidelines on pages 19-20 for additional information. Occasionally faculty may permit children in the classroom, however the student must discuss this with their instructor prior to class and this would be an exception. NMSU Grants offers childcare opportunities (at cost) to students, faculty and staff. Children ages 2–12 may be enrolled in the campus-based child care facility. For more information on child-care, please phone Small Wonders Child Care Center at 287-8373.

## ACADEMIC REGULATIONS

*These regulations apply to all campuses of NMSU and are effective with the publication of this catalog. Tuition amounts, fees, and similar items subject to annual review and change are all effective with the current catalog.*

### University Credits:

The unit of university credit is the semester hour, which is the equivalent of one hour's recitation (lecture) or a minimum of two hours of practice per week for one semester.

### Class Rank (Classification):

A student's classification depends upon the number of credits completed toward graduation. Freshman rank is granted for students who have completed up to 27 semester credits. Sophomore rank equals 28 to 61 semester credits; junior rank equals 62 to 93 semester credits; and senior rank equal 94 credits or above.

### Class Load:

The normal load in a regular semester is 12-18 credits in all colleges of the university. An overload is more than 18 credits. A normal load during the summer term is the same number of credits as there are weeks in the session. Written permission for the student to register for an overload must be obtained from the dean of the student's college. To be eligible to take an overload, the student must have a cumulative grade-point average for the two preceding semesters of 2.5, with no grade less than C. A one-credit course in physical activity may be taken without being included in the calculation for determining an overload. No freshman will be permitted to assume an overload. Students may enroll for correspondence or extension courses only upon approval of the dean of their college. Such courses must be counted as part of a student's class load. No more than 30 credits in extension and correspondence courses will be accepted toward graduation.

## BASIC ACADEMIC SKILLS

NMSU requires all students to demonstrate basic academic skills in both English and mathematics to ensure that they have the abilities to succeed in upper-division courses numbered 300 or higher. First time students must meet both of these requirements before enrolling in any upper-division courses. Transfer students with 45 or more credits will be allowed to enroll in upper-division courses for one semester. After that point, they must meet both of these requirements before enrolling in upper-division courses. The options for satisfying basic skills in English and mathematics are listed below.

Completion of basic skills requirements will not necessarily satisfy university general education requirements in English and mathematics. Students should consult the "General Education Courses and Requirements" section in this chapter for these requirements.

### English Basic Skill Requirement

#### Options

- 30 ACT English Score. Students may satisfy basic skills requirements in English by scoring 30 or higher on ACT English exams. However, students must still earn credit for ENGL 111G by one of these options:
- *ENGL 111G or ENGL 111H.* Students may satisfy English basic skills by passing ENGL 111G with a grade of C or higher.
- *CLEP Credit.* Students may earn credit for ENGL 111G or ENGL 111H by taking the College Level Examination Program (CLEP) subject exam in freshman college composition with a score of 57 (top quartile) or higher.
- *Advanced Placement Credit.* Students may receive advanced placement credit for ENGL 111G or ENGL 111H by scoring 3, 4, or 5 on the English Advanced placement Exam.
- *Transfer Credits.* Students may receive credit for ENGL 111G by transferring 3 or more credits of college-level English composition with a grade of C or above from another *accredited* institution.
- *Transfer Credits. Non-accredited Institutions.* Students may receive credit for ENGL 111G by transferring 3 or more credits of college-level English composition with a grade of C or higher from a non-accredited institution, and by writing a theme which is judged adequate by the English program.
- *Developmental Courses.* Students who score below 12 on the ACT English exam must pass two developmental English courses (CCDE 105N, CCDE 110N) before enrolling in ENGL 111G. Students who score 13 to 15 on the ACT English exam must pass one developmental English course (CCDE 110N) before enrolling in ENGL 111G. Developmental courses are included on the transcript and will be calculated in the academic grade point average, but credits earned in developmental courses may not be applied toward degree requirements.

### Mathematics Basic Skills Requirement

#### Options

- 23 ACT Mathematics Score. Students may satisfy basic skills requirements in mathematics by scoring 23 or higher on ACT mathematics exams. However, students must still fulfill the general education math requirement.

- *Coursework.* Students scoring below 23 on ACT mathematics exams and below 70 on the Math scores may satisfy basic skills in mathematics by earning a grade of C or higher in one of the following courses or course combinations: (a) MATH 111 and MATH 112G; (b) any mathematics course numbered 115 or above. New students are placed in these courses according to their high school grade point averages and their ACT scores in mathematics or COMPASS scores.
- *Advanced Placement Credit.* Students may receive credit for courses which may satisfy basic skills in mathematics by taking the math Advanced Placement Exam, through Las Cruces.
- *Developmental Courses.* Students who score 22 or below on the ACT mathematics exam must take the mathematics placement test and will be placed in the appropriate CCDM course or courses before enrolling in university-level mathematics courses.

*Developmental courses are included on the transcript and will be calculated in the academic grade point average, but credits in developmental courses will not count towards degree requirements.*

## REQUIRED COURSES

### NEW MEXICO HIGHER EDUCATION DEPARTMENT COMMON CORE:

#### AREA I: COMMUNICATIONS (Select 9-10 credits)

##### English Composition – Level 1

ENGL 111G, Rhetoric and Composition .....	4
ENGL 111H, Rhetoric and Composition, Honors .....	4
SPCD 111G, Advanced ESL Composition .....	4

##### English Composition – Level 2

ENGL 203G, Business and Professional Communication .....	3
ENGL 211G, Writing in the Humanities and Social Sciences .....	3
ENGL 218G, Technical & Scientific Communication .....	3
ENGL 311G, Advanced Composition .....	3
ENGL 318G, Advanced Technical and Professional Communication .....	3

##### Oral Communication

AXED 201G, Effective Leadership and Communication in Agricultural Organizations.....	3
COMM 253G, Public Speaking.....	3
COMM 265G, Principles of Human Communication .....	3
HON 265G, Principles of Human Communication-Honors.....	3

#### AREA II: MATHEMATICS/ALGEBRA (Select 3 credits)

E ST/STAT 251, Statistics for Business and Behavioral Sciences.....	3
HON 210G, The Accidental Mathematician .....	3
MATH 121G, College Algebra .....	3
MATH 142G, Calculus for the Biological and Management Sciences.....	3
MATH 190G, Trigonometry and Precalculus .....	3
MATH 191G, Calculus and Analytic Geometry I.....	3
MATH 192G, Calculus and Analytic Geometry II .....	3
MATH 291G, Calculus and Analytic Geometry III .....	3
MATH 112G, Fundamentals of Elementary Mathematics II.....	3
MATH 210G, Math Appreciation .....	3
MATH/HON 275G, Spirit and Evolution of Mathematics .....	3
STAT 271G, Statistics for Psychological Sciences	3

#### AREA III: LABORATORY SCIENCE (Select 8 credits)

AGRO/HORT 100G, Introductory Plant Science .4	
ANTH 130G/ANTH130GL, Human's Place in Nature: Introduction to Biological Anthropology .....	4
ASTR 110G, Introduction to Astronomy.....	4
ASTR 105G, The Planets .....	4
BIOL 101G/101L, Human Biology .....	4
BIOL 110G, Contemporary Problems in Biology... ..	4
BIOL 111G/111L, Natural History of Life.....	4
BIOL 211G/211L, Cellular and Organismal Biology .....	4
CHEM 110G, Principles and Applications of Chemistry .....	4
CHEM 111/111L, General Chemistry I.....	4
CHEM 112/112L, General Chemistry II .....	4
E S 110G, Introduction to Environmental Science 4	
GEOG 111G, Geography of the Natural Environment .....	4
GEO 111G, Survey of Geology.....	4
GEO 212, The Dynamic Earth.....	4
HNFS 263G, Food Science I.....	4
HON 205G, Life, Energy, and Evolution .....	4
HON 219G, Earth, Time, and Life.....	4
PHYS 110G, Great Ideas of Physics.....	4
PHYS 120, Introduction to Acoustics.....	4
PHYS 211/L, General Physics I.....	4
PHYS 212G/L, General Physics II.....	4
PHYS 215/L, Engineering Physics I.....	4
PHYS 216/L, Engineering Physics II.....	4
PHYS 221/211L, General Physics for Life Sciences/Laboratory.....	4
PHYS 222/212L, General Physics for Life Sciences II/Laboratory .....	4

#### AREA IV: SOCIAL/BEHAVIORAL SCIENCES (Select 6-9 credits)

AGE 210G/HNFS 210G, Survey of Food and Agriculture Issues .....	3
ANTH 120G, Human Ancestors .....	3
ANTH 125G, Introductions to World Cultures .....	3
ANTH 201G, Introduction to Anthropology .....	3
ANTH 202G, Introduction to Archaeology and Physical Anthropology .....	3

ANTH 203G, Introduction to Language and Cultural Anthropology.....	3	HON 227G, Plato and the Discovery of Philosophy.....	3
C EP 110G, Human Growth and Behavior.....	3	HON 228G, Religion and the State.....	3
C J 101G, Introduction to Criminal Justice.....	3	HON 229G, The New Testament as Literature.....	3
ECON 201G, Introduction to Economics.....	3	HON 230G, Bamboo and Silk: The Fabric of Chinese Literature.....	3
ECON 251G, Principles of Macroeconomics.....	3	HON 234G, The Worlds of Arthur.....	3
ECON 252G, Principles of Microeconomics.....	3	HON 239G, Medieval Understandings: Literature and Culture in the Middle Ages.....	3
GEOG 112G, World Regional Geography.....	3	HON 241G, Telling American Stories: Society and Culture in Early America.....	3
GEOG 120G, Culture and Environment.....	3	HON 242G, Claiming an American Past.....	3
GOVT 100G, American National Government.....	3	HON 244G, Masterpieces of World Literature.....	3
GOVT 110G, Introduction to Political Sciences.....	3	HON 270G, The World Theatre.....	3
GOVT 150G, American Political Issues.....	3	MUS 101G, Introduction to Music.....	3
GOVT 160G, International Political Issues.....	3	MUS 201G, History of Jazz in Popular Music: A Blending of Cultures.....	3
HL S 150, Personal Health and Wellness.....	3	PHIL 101G, The Art of Wondering.....	3
HON 203G, Understanding the Science of Human Behavior.....	3	PHIL 136G, The Quest for God.....	3
HON 232G, The Human Mind.....	3	PHIL 201G, Introduction to Philosophy.....	3
HON 235G, The World of Anthropology.....	3	PHIL 211G, Informal Logic.....	3
HON 237G, Archaeology: Search for the Past.....	3	PHIL 223G, Ethics.....	3
HON 248G, The Citizen and the State: Great Political Issues.....	3	THTR 101G, Introduction to Theater.....	3
HON 249G, American Politics in a Changing World.....	3		
LING 200G Introduction to Language.....	3		
PSY 201G, Introduction to Psychology.....	3		
SOC 101G, Introduction to Sociology.....	3		
SOC 201G, Contemporary Social Problems.....	3		
S WK 221G Introduction to Social Welfare.....	3		
W S 201G, Introduction to Women's Studies.....	3		
W S 202G, Representing Women.....	3		

**AREA V: HUMANITIES AND FINE ARTS (Select 6-9 credits)**

ART 101G, Orientation in Art.....	3
ART 110G, Visual Concepts.....	3
ART 295G, Introduction to Art History I.....	3
ART 296G, Introduction to Art History II.....	3
DANC 101G, Dance Appreciation.....	3
ENGL 115G, Perspectives on Literature.....	3
ENGL 116G, Perspectives on Film.....	3
ENGL 220G, Introduction to Creative Writing.....	3
ENGL 244G, Literature and Culture.....	3
HIST 101G, Roots of Modern Europe.....	3
HIST 102G, Modern Europe.....	3
HIST 201G, Introduction to Early American History.....	3
HIST 202G, Introduction to Recent American History.....	3
HIST 211G, East Asia to 1600.....	3
HIST 212G, East Asia Since 1600.....	3
HIST 221G, Islamic Civilizations to 1800.....	3
HIST 222G, Islamic Civilizations Since 1800.....	3
HON 208G, Music in Time and Space.....	3
HON 216G, Encounters with Art.....	3
HON 220G, The World of the Renaissance: Discovering the Modern.....	3
HON 221G, Seeking the Way: Spirit and Intellect in Premodern China.....	3
HON 222G, Foundations of Western Culture.....	3
HON 225G, History of Ethics.....	3
HON 226G, Puzzles, Paradoxes, and Truth.....	3

**Alternatives for Meeting General Education Requirements**

Students taking nine or more credits in a specific subject area, even though the courses are not designated as General Education courses, will have met the general education requirements for that subject area. For example, a student may complete ART 150, 155 and 156 (9 hours) and thereby satisfy one course from the Area V: Humanities and Fine Arts category, even though none of those courses carries a G suffix. Please check with the office of the college associate dean or with college advisers.

**Transferring Courses Within Degree Programs**

To facilitate the transfer of courses within certain degree programs, New Mexico colleges and universities have collaborated to develop transferable discipline modules. These are made up of and agreed upon number of hours and courses. When discipline module courses are taken in addition to the 35-hour general education core, the total numbers of hours in a transfer module are approximately 64.

**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 within 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 course work will meet the requirement of the desired degree.

**Complaint Procedure for Transfer Credit Appeal**

All New Mexico public post-secondary institutions are required to establish policies and practices for receiving and resolving complaints from students or from other complainants regarding the transfer of course work from the other public institutions in the state. A copy of NMSU’s complaint policy may be obtained from the Office of the Registrar or from the Deputy Secretary for Academic Affairs, Higher Education Department, New Mexico School for the Deaf Campus, 1068 Cerrillos Road, Santa Fe, New Mexico 87505-1650.

**GRADES AND ENROLLMENT STATUS**

**Satisfactory Progress:** A full-time student is making satisfactory progress when the cumulative number of credits earned at NMSU Grants, divided by the number of semesters attended, equals at least 12. Part-time students must earn a proportional number of credits in the same time period for financial aid. In the case of new freshmen, this definition will not be applied until the beginning of the third semester of enrollment; however, for all other students, it will apply after one semester of enrollment. All students at the end of their second academic year must have a minimum cumulative 2.0 GPA.

**University Grading System:** Grades and credits can be accessed on the Web, but students must have an active my.NMSU.edu account in order to do. Grade reports may be ordered via the Web, but will not be mailed automatically to students. When ordered, grades will be mailed to an address chosen by the student. It is the responsibility of the student to provide the Office of the Registrar with the address to which grades should be mailed. At the request of the student, the instructor will provide information on progress in the course prior to the last day to drop a course.

The NMSU grading system is expressed in letters, which carry grade points used in calculating the cumulative grade-point average as follows:

**Grade points**

<b>Letter grade</b>	<b>per unit of credit</b>
A - For excellent work.....	4
B - For better than average work.....	3
C - For average work.....	2
D - For below average work.....	1
F - For failing work.....	0
W - Withdrawal.....	0
N - Grade not submitted.....	0
CR - Credit authorized, but not letter grade.....	0
RR - Progress in undergraduate course.....	0
S* - Satisfactory work.....	0
U - Unsatisfactory work.....	0
I – Incomplete.....	0
AU – Audit.....	0

*\*An S grade is a grade satisfactory to the professor and is normally equivalent to the letter grade of C or higher.*

*In computing the overall grade point average, the total credits in which grades of A, B, C, D, or F have been assigned is divided into the total number of grade points earned. Receiving a plus (+) or minus (-) does not affect the number of points earned.*

*A course for which only CR but no letter grade is given and a course for which an S grade is earned may be counted toward graduation, but is not computed in the grade point average.*

**Prerequisite:** A prerequisite is an enforceable entry requirement for a particular course.

**Co-requisite:** A co-requisite is a course that is required to be taken in conjunction with another course.

**Repeating Courses:** A student may repeat a course numbered below 300 in which a D or an F grade has been earned at this university. A computable grade (excluding I, W, RR, AU, CR, S, or U) in a repeated course may be **substituted** in the calculation of the grade point average; **however, the original grade earned also remains on the transcript.** The first occurrence with a C or better grade will count in earned/passed hours. Future attempts will not count in earned/passed hours. If a student repeats a course eligible for grade substitution in which they have earned a D and then fails the course, the second grade of F will not be substituted for the original grade.

Neither credits nor grade points may be earned by repeating a course for which a grade of C or higher has already been received.

**Incomplete:** An “I” (Incomplete) is given for passable work that could not be completed due to

circumstances beyond the student's control. The following regulations apply for removing or changing an Incomplete:

1. Instructors may assign an "I" only if the student is unable to complete the course due to **circumstances beyond the student's control that develop after the last day to withdraw from the course.** Examples of appropriate circumstances include documented illness, documented death or crisis in the student's immediate family, or similar circumstances. Job related circumstances are generally not appropriate grounds for assigning an "I." In no case is an "I" to be used to avoid the assigning of D, F, U, or RR grades for marginal or failing work.
2. To assign an Incomplete, the instructor must complete the Incomplete Grade Information Form. The form must be signed by the student and the instructor and initialed by the Program Manager and the Vice President for Academic Affairs. The form must be turned in with the instructor's grade sheets for the semester. The instructor will state in writing the steps necessary to complete the remaining course work (including the date by which all coursework must be submitted) or the instructor may indicate that the student will be required to re-enroll in the course to receive credit (in which case the Incomplete will not be removed). The student will sign this document or a copy of the document will be mailed to the student's official permanent address as recorded in the Registrar's Office.
3. The student is entitled to have the Incomplete removed from his/her transcript only if the work is completed as specified on the Incomplete Information Form, in a manner satisfactory to the instructor. The work must be **completed within 12 months** after the Incomplete is assigned and, prior to the student's graduation, or within a shorter period of time if specified by the instructor on the Incomplete Information Form. If the student fails to complete the coursework, the instructor may change the Incomplete to any appropriate grade (including D, F, or U) providing that the instructor stated that this would occur on the Incomplete Information Form.
4. Incompletes can be removed from the student's transcript by the instructor only during the 12-month period following assignment of the

Incomplete or prior to the student's graduation, whichever comes first. To remove an Incomplete, the instructor must complete the Change of Grade Form and file the form with the Registrar. The instructor may assign whatever grade is appropriate for the entire course. This may include grades of D, F, or U. An Incomplete not changed by the assigning instructor within 12 months and prior to graduation shall remain an Incomplete thereafter.

5. A student may re-enroll and receive credit for any course for which an Incomplete was previously earned, but re-taking the course will not result in a removal of the Incomplete from the student's transcript.

The effect of removing an Incomplete on a student's academic standing (scholastic warning, probation, or suspension) depends on the date the transaction is officially recorded on the student's academic record. If the transaction is recorded before the student begins another semester, the grade replacing the Incomplete is included in the grade point average calculation that establishes the student's academic standing. If the transaction is recorded after the student begins another semester, the new grade's effect on academic standing is based upon its inclusion with grades for the semester in which the student is enrolled.

**RR Grade:** The RR grade applies to designated skill development undergraduate courses approved by the NMSU Las Cruces Curriculum Committee and indicates the student has made substantial progress toward completing the requirements of the course. It carries neither penalty nor credit. The student must re-register and successfully complete the course in order to earn credit. **The grade of RR may be received only once in any given course** and it remains on the student's transcript.

**The S/U Option:** Students with 28 credits (under traditional grading) at NMSU with an overall grade point average of 2.5 or better may exercise the S/U (satisfactory/unsatisfactory) option. The following limitations apply:

- No more than 7 credits per semester or 4 credits per summer session.
- Not to exceed a total of 21 semester credits.

These limitations do not apply to interim, honors, and courses officially designated S/U.

Each course under this option must be requested during registration. Eligibility must be determined

by the Vice President for Academic Affairs and certified by the student. The course must be taken outside the major or program. If the student changes programs, the new program may require a traditional grade for a course previously passed with an S grade. The traditional grade change is made by the instructor or by a course challenge if the original instructor is no longer with the university.

Eligibility for S/U grading must be re-established after adjusted credit has been approved. Non-degree students who do not meet these requirements may take courses under the S/U option. However, these courses may not be applied toward an undergraduate degree at New Mexico State University.

**Grade Point Average:** A student's NMSU semester and cumulative GPAs will be based solely on courses taken at NMSU or under an approved National Student Exchange.

**Independent Study:** Independent study courses (including directed reading and special topics' courses which do not carry a subtitle) are for students capable of self-direction who meet the requirements for the S/U option (i.e., if the student is not eligible for the S/U option, he/she is not eligible for independent study). Each college determines the maximum number of credits that may be earned in independent study courses.

**Adjusted Credit Option:** The adjusted credit option allows students who obtain a low grade point average (less than 2.0 cumulative) during their first few semesters to get a fresh start. This option may be used only once and is not reversible. All courses carrying a grade of C, S, CR or better earned prior to the grading period in which the student requests the adjusted credit option (including transfer courses) are included as adjusted credit. All allowable credits are designated on the permanent academic record as "adjusted credit" and are omitted from the calculations of the cumulative grade point average.

A \$10 fee is required for submitting an adjusted credit option application. Application forms are available in the Student Services office.

Students applying for the adjusted credit option must:

1. Be pursuing their first baccalaureate or associate degree.
2. Be currently enrolled as a regular or non-degree student.
3. Have a cumulative grade point average of less than a 2.0 at NMSU Grants Campus.

4. Have successfully accumulated fewer than 60 transfer plus NMSU credits.
5. Exercise the option during the fall or spring semester before the last day to drop a course.
6. Have submitted official transcripts from each institution previously attended directly to the NMSU Grants Campus Admissions Office.
7. Pass an additional 30 graded credits before they may be awarded an associate degree.

Other courses taken during the period of credit adjustment are not calculated in the cumulative grade point average. The repeat rule for the courses starts anew for students who have taken the adjusted credit option. Credits covered by this option are shown on the transcript with a notation, and all course work attempted is shown. Under no circumstances will a transcript of this record be issued that does not include all courses attempted at this university. Probationary status and eligibility for on-campus employment is not affected by the exercise of the adjusted credit option. Students are eligible for university honors if the criteria for university honors are met for all courses at NMSU after the period of adjustment.

**Credit by College Level Examination Program (CLEP):**

Prior to or during a student's enrollment at NMSU, credits may be earned through the College Level Examination Program (CLEP) of the College Entrance Examination Board. CLEP is a national program of credit by examination that offers the opportunity to earn credits for college level achievement wherever or however the student learned. Earned CLEP credit will be treated as transfer credit without a grade, will count toward graduation, and may be used in fulfilling specific curriculum requirements.

**Advanced Placement:** Students who have completed college-level courses in secondary schools and have taken the Advanced Placement Examinations of the College Examination Board with resulting composite scores of 3, 4, or 5 may petition the Vice President for Academic Affairs for college credit and advanced placement. The amount of credit and the equivalent university courses for which credit will be granted will be determined by the program manager in which the course is offered. Such credit will be treated as transfer credit without a grade, will count toward graduation, and may be used in fulfilling specific curriculum requirements.

**Credit for Military Service:** Academic credit for military service was terminated with the beginning of

the fall semester 1975 for honorably discharged veterans whose term of service began September 1, 1974, or later. However, military courses taken while in the service will be considered for evaluation if an official transcript is on file in the Office of the Registrar at NMSU in Las Cruces.

For more information, students are asked to visit with the Vice President for Student Services at NMSU Grants.

### **Credit by Examination:**

Any enrolled student with a cumulative GPA of at least 2.0, currently attending classes, may, with permission of the Vice President for Academic Affairs and the appropriate program manager, challenge by examination any undergraduate course in which credit has not been previously earned except an independent study, research or reading course, or any international language course that precedes the final course in the lower-division sequence. The manner of administering the examination and granting permission shall be determined by the program manager in which the course is being challenged.

Students may not enroll in a single course, challenge it by examination, and drop it during the drop/add period, unless they enroll in an additional course.

In exceptional cases in which a student demonstrates outstanding ability in a course in which he/she is already registered, he/she may be permitted to challenge the course.

Students pursuing an associate degree will not be allowed to take special examinations for credit to meet the last 15 semester credits required for the Associate Degree.

Any student applying for special examination may obtain the necessary forms from the Vice President for Student Services. The fee for challenging a course at NMSU Grants is \$50.00.

A grade of C or better is required for credit and will be recorded on the student's record as CR. Courses may not be challenged under the S/U option.

The special examination privilege is based on the principle that the student, exclusively, has the responsibility for preparing for a special examination.

**Audits:** A regularly enrolled student may register for any course prior to the last day of registration as an audit or without credit with the consent of the

instructor provided the facilities are not required for regular students. The fee is the same as for credit courses. Audit courses are not considered in determining the maximum load except for students on probation. A student may not change from credit to audit, or from audit to credit after the last day to register but may withdraw with no refund and continue to attend with the permission of the instructor.

## **RECOGNITION FOR ACADEMIC ACHIEVEMENT**

### **Crimson Scholars Program**

Crimson Scholars is a recognition program for academically superior students.

Crimson Scholars receive a number of benefits, including:

- Automatic eligibility for all Honors courses
- Early registration
- Special advising
- Notation on college transcript
- Recognition in the commencement program
- A lapel pin

To be eligible for the Crimson Scholars Program, all students must be degree seeking and enrolled for three or more credits per semester at NMSU. New entering freshmen must have a minimum ACT standard composite score of 26 or better or an ACT score of 24 and a 3.75 High School GPA. Eligibility for currently enrolled students is a minimum cumulative GPA of 3.5 for 12 or more graded credits at NMSU. Sophomores, Juniors, and Seniors (28 or more credits) must maintain a minimum cumulative GPA of 3.5. Transfer students must have at least a 3.5 cumulative GPA for 12 or more graded credits from their previous institution(s) or complete 12 or more graded credits at NMSU and maintain a 3.5 cumulative GPA for eligibility. Currently enrolled Crimson Scholars whose cumulative GPAs drop below the required 3.5 or the minimum 3 credits/semester will be dropped from the program. A new Crimson Scholar *eligible* computer list will be run every semester on September 15 and February 1.

For additional information, contact the Vice President for Student Services.

### **President's Published Report of Academic Achievement**

Following the close of the semester, the university will publish a list of students who have achieved honor standing in grades for the previous semester. To be eligible, a student must have been enrolled in 12 or more semester credits with a computable grade

in each. The top 15 percent of eligible students in the college will be named to the President's Published Report of Academic Achievement.

The designation *Meritorious Graduate* is awarded to the top 15 percent of the students receiving associate degrees within each college in any one academic year; the students must have completed 45 or more credits with computable grades at NMSU Grants.

### **Phi Theta Kappa**

PTK is the International Honor Society for two-year colleges, providing opportunities for development in scholarship, leadership, service, and fellowship. Membership is offered to students who have achieved a 3.5 grade point average, have completed a minimum of 12 hours of coursework leading to an associate's degree, and have demonstrated leadership qualities.

### **REGISTRATION FOR CLASSES**

Students may register for classes in person by seeing an academic adviser or at [my.nmsu.edu](http://my.nmsu.edu). Timelines and instructions are found in the Schedule of Classes issued each semester.

**Registration changes may be processed only in accordance with college regulations and with appropriate signatures.** *It is the responsibility of the student to initiate official withdrawal from a course.* **Courses may not be added or dropped after the cutoff dates indicated in the Schedule of Classes.** For refund policy, see the current NMSU Grants Schedule of Classes.

When a student officially drops a course, the "W" grade is assigned as follows:

1. No grade is assigned during the registration period.
2. A "W" grade is assigned to any student who **officially** drops a course during the first half of its duration. A student may not withdraw officially from a course after this time.
3. A grade of "W" is assigned in all courses for which a student **officially** withdraws from the university prior to the last three weeks of classes.

A student found insufficiently prepared to carry a regular course may be transferred to a more elementary course in the same field before the last day to withdraw officially from an individual course.

Any person using Veterans' Educational Assistance or other state or federal financial aid should consult with the Student Services Office before dropping or adding courses.

### **WITHDRAWAL FROM NMSU**

Withdrawal from any NMSU campus is an official procedure that must be approved as indicated on the withdrawal form. All such withdrawals will be registered on the student's transcript. It is the student's responsibility to initiate withdrawal from the university and to obtain necessary signatures. Students who leave without following the official procedure are graded appropriately by the instructor. On the main campus, withdrawal begins at the Registrar's Office. At all other campuses, withdrawal begins at the Student Services Office. Applicable dates are published in the university calendar for all regular sessions.

#### **Medical Withdrawal**

A medical withdrawal applies to a student who becomes seriously ill, injured, or hospitalized and is therefore unable to complete an academic term for which they are enrolled. On the Las Cruces campus, withdrawal begins at the Registrar's Office. At all other campuses, withdrawal begins at the Student Services Office.

#### **Attendance and Student Performance**

Students are expected to attend regularly all classes for which they are registered. Students making satisfactory progress in their classes will be excused from classes when they are representing NMSU on a university sponsored event (e.g. ASNMSU president representing NMSU at legislative session, student athletes competing in NMSU scheduled athletic event, or students attending educational field trips and conferences). Authorized absences do not relieve the student of their class responsibilities. Prior written notice of the authorized absence will be provided to the instructor by the sponsoring department. Specific class attendance requirements are determined by the instructor of the course.

When the number of absences hinders a student's progress in a course, the instructor may initiate a statement of the student's excessive absences including a recommendation of retention or expulsion from the class. Based on the recommendation of the instructor and with the concurrence of the course department head and the Vice President for Student Services, a student will be dropped for persistent absences or for persistent failure to complete assignments. Similarly, a student may also be dropped from a class for engaging in behavior that interferes with the educational environment of the class. Any student who has been dropped from a class shall

have the right to appeal that decision through the Student Academic Grievance Policy.

Only enrolled students, for credit or for audit, are permitted to attend classes. A student who has officially withdrawn from a course may continue to attend the course with the permission of the instructor for the remainder of the semester.

Students not enrolled may visit classes only with the permission of the instructor.

### **Administrative Withdrawals**

When an administrative withdrawal from a course is initiated for a student who is representing the university at an official out-of-town event, the withdrawal will become effective upon the return of the student to the university from that event or five class days after the signed drop slip arrives in the Vice President of Academic's office, whichever is sooner.

### **Privacy Rights (FERPA)**

The following information has been designated as directory information and is subject to release to the public under the Buckley Amendment (PL 98-380), "The Family Educational Rights and Privacy Act of 1974": Student's name, address, email address, telephone listing, date and place of birth, major field of study, classification, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent, previous educational agency or institution attended by the student.

NMSU Grants will request students sign a release of information for various requests such as scholarship recommendations, information provided to family members, and for the use of student photos in our publications. These release forms are available at the Business Office/Student Services in Martinez Hall.

### **Social Security Numbers in Student Records**

As required by law, social security numbers are collected from prospective and current students who 1) plan to seek employment on campus or 2) wish to receive financial aid. In addition, the university is mandated by federal tax regulations to provide tuition and fee payment information to the student and the Internal Revenue Service, so that applicable educational tax credits may be computed. The social security number will be necessary to submit this tax reporting. The social security number is a confidential record and is maintained as such by the university in accordance with the Family Educational Rights and Privacy Act.

### **Academic Appeals**

Procedure for Initiating Grievance Complaints: This procedure has been established to provide a method to resolve undergraduate student grievances at the lowest administrative level in a fair and expeditious manner. For the purpose of this procedure, grievances are limited to alleged violations of university policy or procedures by the university or its employees, disputes with faculty and/or alleged unfair treatment. Usually this method is used to appeal a grade the student feels was not justified. Under no condition should these policies be used when the student has allegedly violated the University Code of Conduct or a contractual agreement, and at no hearing should either party have a lawyer. Any student who believes that he/she has been unjustly treated within the academic process may proceed as far as necessary in the steps detailed below. Should the alleged grievance not involve a faculty member or course, the student is to appeal directly to the department head or associate dean for academics in whose area or college the alleged grievance occurred.

1. Appeal to the faculty member: The student is to submit a written appeal to the faculty member within 30 days after the start of the semester following the semester in which the alleged grievance occurred. Semester in this case refers to fall and spring only. If the alleged grievance occurs during the summer session, the student is to submit an appeal no later than 30 days into the fall semester following the summer session in which the alleged grievance occurred. The faculty member and the student are to discuss the problem. The faculty member will submit a written report outlining his or her decision to the student and department head within ten working days of receipt of the student's written appeal. Should the course under appeal be a library course, the student or faculty member should appeal to the associate dean of the library as the next step.
2. Appeal to the department head: If a decision satisfactory to the student cannot be reached, the student may submit a written appeal to the department head in which the course in question is taught. This is to be done within ten days of the receipt of the faculty member's written decision. The faculty member, the department head, and the student are to meet to discuss the problem. The department head will send a written response outlining his or her decision to the student and faculty member within ten days of this meeting.
3. Appeals to the Vice President for Academics: If a satisfactory decision cannot be reached among the department head, the faculty member, and the student, the student or the faculty member may submit a written state of appeal to the associate dean for academics of the college in which the course was taught. This is to be done within ten working days after the receipt of the written decision by the department head. The associate

dean may request a written recommendation from an Academic Appeals Board. Should this be the case, the Academic Appeals Board will conduct a hearing with the student and faculty member (not necessarily at the same time) to review the merits of the appeal. They may also ask for supporting evidence for or against the appeal. The Academic Appeals Board will submit the written recommendation to the associate dean within five working days following the conclusion of their process. The associate dean may meet with the student, faculty member, and department head to discuss the appeal (not necessarily at the same time). The associate dean will submit a written response outlining his or her decision to the student, faculty member, department head, and dean within ten days of the last meeting.

4. Appeals to the President: The President of NMSU Grants may, at his or her discretion, review the appeal upon the written request of the student or faculty member and render a final decision. An appeal to the President is the last step in the appeals process and the President's decision cannot be appealed further. Should the President not choose to review the appeal, the decision of the Vice President for Academics is final.
5. Exceptions to the time involved: The Vice President for Academics may waive the normal time frame for appeals for compelling reasons. Regardless of circumstances, academic appeals must be initiated with the course instructor within two years of the conclusion of the semester or summer session in which the course was taken.
6. Enrollment: A student need not be enrolled at the university to initiate an appeal.

#### **Academic Appeals Board:**

Within each college of the university or the library an academic appeals board will be appointed by the associate dean for academics to hear student appeals. The appeals board will consist of three faculty members and two students.

#### **Maintenance of Records:**

Instructors and/or departments shall keep records used to compute individual grades for two years after the completion of a course. If a grade has been appealed, these records shall be kept for at least two years after completion of the appeal. Departments, colleges, or library may require that records be kept for longer periods.

#### **Academic Misconduct**

Students at NMSU are expected to observe and maintain the highest academic, ethical, and professional standards of conduct. Any student found guilty of academic misconduct shall be subject to disciplinary action.

Academic misconduct includes, but is not limited to, the following actions:

1. Cheating or knowingly assisting another student in committing an act of cheating or other forms of academic dishonesty;
2. Plagiarism, which includes, but is not necessarily limited to, submitting examinations, themes, reports, drawings, laboratory notes, undocumented quotations, computer-processed materials, or other material as one's own work when such work has been prepared by another person or copied from another person;
3. Unauthorized possession of examinations, reserve library materials, or laboratory materials;
4. Unauthorized changing of grades on an examination, in an instructor's grade book, or on a grade report; or unauthorized access to academic computer records;
5. Nondisclosure or misrepresentation in filling out applications or other university records in, or for, academic departments or colleges.

#### **ACADEMIC STANDING**

Please see section on incomplete, *I*, grades to determine the effect of removal of *I* grades on academic standing.

#### **Academic Warning, Probation and Suspension:**

When students do not maintain adequate academic standing, they begin a progress of Academic Warning to Academic Probation I and II, and finally to Academic Suspension. Each stage imposes more structure and limitations on the student in order to help them return to normal academic standing. The intent is not to punish, but to help the student return to normal academic standing and success. Since some of these limitations involve limitations on the number of credit hours, students on Probation or Suspension may be subject to loss of financial aid. It is the responsibility of the student to determine the impact of their changed academic standing on their financial aid. Notification to students of academic warning, probation, or suspension appears on the student's grade report at the end of each grading period.

**Academic Warning:** Issued when a student's cumulative GPA falls below a 2.0 while in good academic standing. The relevant associate dean for academics or Vice President for Academic Affairs will send the student a letter detailing the consequences should the cumulative grade point remain below a 2.0 at the conclusion of the semester.

**While under Academic Warning the following restrictions apply:**

1. The student may be required to enroll in a 3-hour special study skills/time management course specifically designed for students on Academic Warning for the first time, or an equivalent approved by the appropriate associate dean or VPAA of their campus.

2. Students will be required to enter into a contract with their advisor, approved by their department head that place further stipulations on Academic Warning. The contract may include, but is not limited to the following:
  - The student may be required to take at least one repeat course to try to greatly improve the GPA.
  - Except for the special study skills/time management course, the student's coursework may be restricted to the major.
  - The student may be required to get tutoring help.
  - The student may be required to see an academic counselor on a specified time schedule.
  - The number of hours a student may register for may be restricted (due to extenuating circumstances such as the student's workload commitments).

The associate dean or VPAA may place the student on Academic Probation I should the student not adhere to the stipulations of the contract.

If the student's semester GPA is less than a 2.0, and the cumulative GPA remains below a 2.0 at the end of the semester on Academic Warning, the student is placed on Academic Probation I. If the semester GPA is greater than 2.0 but the cumulative GPA is still less than 2.0, the student will remain on Academic Warning. If the cumulative GPA is greater than a 2.0 at the end of the semester then the student is returned to regular status.

#### **Summer Courses:**

A student may use summer classes to try to get warning or probationary status removed. Under no circumstances may a student on Academic Warning or Academic Probation be allowed to register for an overload. Academic warning status is continued if the student withdraws from the university. Probation or suspension status applies to all subsequent enrollments.

#### **Academic Probation**

There are two stages in Academic Probation.

**Academic Probation I:** This occurs when a student under Academic Warning has a semester GPA less than 2.0, and the cumulative GPA remains below 2.0 at the conclusion of the semester or if the student maintains a semester GPA greater than 2.0 while on Academic Probation I but the cumulative GPA is still less than 2.0. Under Academic Probation I the following conditions apply:

1. The student cannot enroll in more than 13 hours of coursework during the semester. Note: Students falling below 12 credits in any one semester will jeopardize their financial aid. Should this occur, students should see the associate dean in their college as soon as possible to try to implement corrective measure,

2. The student will enter into a contract or individualized education plan with their adviser and approved by the associate dean or VPAA that place further stipulations on Academic Probation I. The associate dean or VPAA may place the student on Academic Probation II or Academic Suspension should the student not adhere to the stipulations of the contract.
3. Students on Academic Probation receiving educational benefits from the Veterans' Administration must obtain counseling from the Office of Veterans' Programs.

The student must maintain a semester GPA equal to or greater than 2.0 until such time that the cumulative GPA is greater than 2.0 at which time the student goes back to regular status. Until the latter happens the student remains on Academic Probation I. The student will be placed on Academic Probation II if unable to maintain a 2.0 semester GPA, and the cumulative remains below a 2.0 GPA, while under Academic Probation I.

**Academic Probation II:** Issued when a student falls below a semester 2.0 GPA, and the cumulative remains below a 2.0 GPA, while on Academic Probation I. Or, if the student maintains a semester GPA greater than 2.0 while on Academic Probation II but the cumulative GPA is still less than 2.0.

1. The student cannot enroll in more than 7 hours of coursework during the semester.
2. As with rule 2 under Academic Warning and Academic Probation I and at the discretion of the associate dean or VPAA, the student will be required to enter into a contract with their adviser, and approved by the associate dean or VPAA, to place further stipulations on Academic Probation II.

The Associate Dean or VPAA may place the student on Academic Suspension should the student not adhere to the stipulations of the contract.

The student must maintain a semester 2.0 GPA or higher until the cumulative GPA reaches a 2.0 or higher at which time they are placed on regular status. A student unable to maintain a semester GPA of 2.0 or higher, and the cumulative remains below 2.0 GPA, while under Probation II will be placed on Suspension.

#### **Transfer students.**

Students (admitted under special provisions) whose transcripts indicate less than a 2.0 GPA are admitted on Academic Probation I.

### **Continuing in probationary status**

Students may continue to enroll while on Academic Probation I or II provided they maintain a semester GPA of 2.0 or higher. They are continued on that same level of Academic Probation if they withdraw from the university while on Academic Probation.

### **Removal of Academic Probation**

Such academic standing is removed when the cumulative GPA is raised to 2.0 or higher, with the following exceptions:(1) a transfer student may not remove probation by summer work alone;(2) if an *I* grade is removed after the student has enrolled, the new grade's effect on academic standing is based on its inclusion with grades for the term for which the student is enrolled;(3) exercise of the Adjusted Credit Option does not change academic status until subsequent grades are earned.

### **Academic Suspension**

When a student does not achieve a semester 2.0 GPA or higher, and the cumulative remains below a 2.0 while under Academic Probation II, they are placed on Academic Suspension. Students under Academic Suspension are not allowed to take NMSU courses while under suspension. Students on Academic Suspension must sit out a minimum of 1 semester and then petition the Provost or designee to be removed from Academic Suspension. At this time the suspension status will be evaluated for possible removal. Should the suspension be lifted, the student is placed on Academic Probation II until such time that the cumulative GPA equals or exceeds a 2.0. At the discretion of the Provost or designee, the student will enter into a contract approved by the Provost or designee and the student's Dean or VPAA setting stipulations to have the suspension removed. Failure to adhere to the contract will return the student to Academic Suspension.

Under certain conditions, a student may be re-admitted at NMSU under regular status while under Academic Suspension when satisfactory progress has been demonstrated at another college or university (see p2, Undergraduate Catalog). Credits earned at another university or college while under Academic Suspension from NMSU or another university or college, will be accepted at NMSU only after the student demonstrates satisfactory progress over a period of two semesters after being re-admitted or admitted to NMSU. Acceptance of transfer credits that count toward degree requirements is still governed by the rules established by the student's respective college or campus.

### **Effect of summer attendance**

Students suspended at the close of the spring semester may have their Academic Suspension rescinded if they attend summer session at NMSU or one of its branch

colleges. Such attendance must raise the combined spring semester and summer GPA to 2.0 or better.

A certification of eligibility to attend summer session at NMSU after a spring semester Academic Suspension is available to the suspended student who wishes to attend summer sessions at other institutions.

### **Disciplinary Probation and Suspension**

NMSU expects all students to regard themselves as responsible citizens on campus and in the community. Repeated misconduct and major violations will cause the student to be subject to immediate suspension or expulsion from the university.

The general rules and regulations applicable to students are in the "Student Code of Conduct" of the Student Handbook or can be obtained from the Admissions office.

### **Student Responsibility**

The ultimate responsibility for planning an academic program in compliance with university, college, and departmental requirements rests with the student. In addition, the student bears ultimate responsibility for understanding all matters of the Undergraduate Catalog.

## **GRADUATION REQUIREMENTS**

The ultimate responsibility for planning an academic program in compliance with university and departmental/program requirements rests with *the student*. To earn an Associate Degree at NMSU Grants Campus, a student must:

- complete a minimum of 66 (or more, if required by a specific degree) semester credits and have an average of a 2.0 GPA in courses taken at NMSU.
- **The last 15 semester credits for an associate degree must be taken in residence at NMSU Grants Campus or one of the other NMSU campuses. Exceptions to this policy will need to be directed to the Vice President for Academics.**
- Courses with an "N" suffix do not apply to any degree.
- CLEP and course challenge credits cannot be used as part of the student's last 15 semester credits.

**Curricular requirements for a specific degree may be met by completing all of the course requirements for that degree as set forth in the catalog of matriculation provided that the selected catalog is not more than six years old when the requirements for graduation are met. This rule applies only to the course requirements and number of credits as specified for the degree. In**

**all other cases, the current catalog is effective. Catalogs are effective Summer Session I through Spring Semester.**

OE (Occupational Education) prefix courses are not applicable toward Bachelors degrees at New Mexico State University without special approval of the appropriate department head and college dean at NMSU at Las Cruces. Contact the respective college's Advising Center for detailed information.

**Filing Notice of Degree Candidacy:**

Degree candidates are required to file an Application for Degree and pay graduation fees for each degree sought. This fee (\$10 for one-year certificates, \$25 for associate or bachelor's, and \$35 for graduate degrees) will be included or session in which the candidate anticipates completing degree requirements. If degree requirements are not completed during the semester or session, the student must reapply and pay the appropriate fees. The Application for Degree form is available at Student Services or online at <http://www.nmsu.edu/~registra/>. It must be completed and submitted to the Office of the Registrar by the deadline for the semester/session. A \$25 late fee applies to applications received after the first day of class, and no applications will be accepted after midterm.

A student must specify choice of catalog as indicated under "Graduation Requirements."

Latest date for substitution or waiver of required courses for candidates for degrees is two weeks after the last date of registration for regular or summer terms.

All fees and bills owed the university must be paid before a student may receive a diploma or transcript of credits.

**Attendance at Commencement:** The Registrar, through the Vice President for Student Services, certifies eligibility to participate in commencement exercises held at the end of the spring semester. Eligible candidates and degree recipients from the previous Summer, Fall, or Spring semesters may participate in the ceremony. Participation in commencement does not, in itself, mean that a student is considered an NMSU graduate. In order to receive an associate degree, a student must fulfill university requirements. The degree will reflect the date when all requirements were met.

**Transcript of Credits:** A charge of \$5 is made for any official transcript of credits. Students may obtain

an order from in Student Services or order online at: <http://www.nmsu.edu/~registra/transcripts/index.html>  
No transcript of credits will be released if the student is in debt to the university.

Official name changes on transcripts will be processed only if a student is currently enrolled and a written request is submitted.

## ASSOCIATE DEGREE AND CERTIFICATE PROGRAMS

**Note:** Curricular requirements for a specific degree may be met by completing all of the course requirements for that degree as set forth in the catalog of matriculation provided that the selected catalog is not more than six years old when the requirements for graduation are met.

### Associate of Arts Degree

This degree represents the completion of the first two years of most bachelor's degree programs in the College of Arts and Sciences. Students following the Associate of Arts degree are advised to select courses that fulfill the General Education requirements for all bachelor's degree programs at New Mexico State University. It is recommended that students plan their elective courses to meet other requirements for their bachelor's degree. Undecided students are advised to follow this degree plan because it provides flexibility while deciding upon a major. Students are strongly encouraged to schedule an appointment with an Academic Adviser in the Student Services Office to discuss a specific program of study.

### Associate of Science Degree

This degree represents the completion of the first two years of several bachelor's degree programs related to the sciences. Students pursuing the Associate of Science degree are advised to select courses that fulfill requirements for specific programs at New Mexico State University and that transfer to other four-year institutions. Many of the courses are General Education (G) courses. Students interested in the natural sciences (e.g., biology) or fields closely related to the sciences (e.g., allied health science) are encouraged to follow this degree plan. Students are strongly encouraged to schedule an appointment with an Academic Adviser in the Student Services Office to discuss their program of study.

#### Associate Degrees in:

Arts .....	39
Criminal Justice .....	42
Criminal Justice/Corrections .....	43
Early Childhood Education.....	44
Education.....	45
Pre-Business .....	46
Science.....	40
Social Services.....	47

### Associate of Applied Business:

Business.....	48
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### Associate of Applied Science

#### Degrees in:

Automotive Technology .....	49
Computer Technology .....	50
Creative Media Technology .....	51
Electronics Technology .....	52
Welding Trades .....	53

#### Certificates in:

Applied Accounting*.....	54
Automotive Technology .....	54
Building Trades .....	54
Computer Technology .....	54
Corrections Officer Training .....	55
Criminal Justice/Corrections. ....	55
Digital Film Technology .....	55
Drafting Trades.....	55
Early Childhood Education.....	56
Electrical Trades .....	56
Electronics Technology .....	56
Nursing Assistant.....	57
Web Fundamentals .....	57
Welding Trades .....	57

\*Pending program approval.

### Degree and Certificate Requirements

Candidates for Associate degrees and Certificates must have degree-seeking admission status.

To graduate with an Associate degree, a student must complete a minimum of 66 semester credits (excluding "N" suffix courses) and have a cumulative grade point average (GPA) of 2.0 or better in all courses taken at NMSU or one of its branches. However, ENGL 111G and all developmental studies courses in English, math, and reading must be completed with a grade of C or better. Math requirements for some Associate degree and Certificate programs vary; see the specific program requirements. Many courses have prerequisites; see the course description section of this catalog.

The last 15 semester credits for an Associate degree must be taken in residence at NMSU or one of its branches. Degree requirements remain in effect for six years. Credits gained through CLEP or ACT, challenge credit, and/or credit from another college/university or correspondence school may not be used to fulfill this 15 hour requirement.

The latest date for substitution or waiver of required courses for candidates for degrees is two weeks after the last date of registration for regular or summer terms. All fees and bills owed the university must be paid before a student may receive a diploma or transcript of credits. Graduation fees must be paid as listed in the section, "Tuition and Fees."

Certificate candidates, in addition to having degree-seeking status, must have at least a 2.0 GPA.

#### **A Note about Occupation Education Courses**

Students planning to pursue a four-year degree at New Mexico State University after completing their studies at NMSU Grants need to be aware that not all occupational-education courses taken at NMSU Grants (usually those with the "OE" or "BOT" prefix) will apply toward a given major at NMSU. The number of NMSU Grants credits that may be counted toward a four-year degree depends on the major selected and any agreements providing for the acceptance of the occupational-education courses.

It is best for students to consult advisers at both NMSU Grants and NMSU early in their associate degree program to insure that the maximum number of credits will apply toward the bachelor's degree program selected.

**All students should take the COMPASS Test** to assist in determining skill levels in English and Mathematics. Some students may benefit by taking developmental coursework in English and/or mathematics to strengthen skill levels in these areas. Although developmental courses do not meet degree requirements, they are certainly of benefit to those enrolled. After completing any developmental courses, new students should take the following courses before taking any other General Education requirements: COLL 101, ENGL 111G, and C S 110.

#### **Associate in General Studies Degree**

Students who would like to design their own two-year program may do so under the Associate in General Studies Degree program. This program requires the student to: complete a total of 66 lower division credit hours (excludes non-credit courses such as any "N" suffix courses), complete ENGL 111G with a grade of C or higher, achieve a 2.0 cumulative grade point average, and complete the last 15 credit hours at an NMSU campus.

#### **Certificate Programs**

Students who plan to earn a certificate in one of the Certificate programs are encouraged to schedule an appointment with an Academic Adviser in the

Student Services office; the student will be provided with a specific program of study. Additionally, speak with a Financial Aid adviser to ensure the certificate program is eligible for financial aid.

#### **Additional Programs**

In addition to Associate Degrees and Certificate programs offered by NMSU Grants, the college also offers additional programs of study that prepare students for Bachelor's Degrees and certification in several areas.

Students who want to earn credit in Early Childhood development may enroll in the Early Childhood (ECED) courses for CDA certification. Students are encouraged to contact the appropriate State, Tribal or local agency for specific certification requirements.

#### **Service Learning**

Service Learning is a form of "hands on" learning that combines service to the community with classroom learning. It has four components: Academics, Service to the community; Reflection of Service; and Civic Engagement and Responsibility. Non-profit organizations, governmental agencies, and educational facilities cooperate with students and faculty to engage that student in a service learning placement that coincides with the material being learned in the class. Courses that include a service learning component will be outlined in the Schedule of Classes.

**ASSOCIATE OF ARTS DEGREE  
66 credits**

Contact: Dr. Harry Sheski, VPAA, 287-6641

The Associate of Arts (A.A.) degree represents the completion of the first two years of several bachelor's degree programs. Students following the Associate of Arts degree program are *advised to select courses that fulfill the New Mexico Higher Education Department Common Core Requirements for all programs at NMSU and that transfer to other four-year institutions. General Education courses are designated with "G" following the prefix.* Since approximately half of the requirements for an A.A. degree are met with elective credit, it is recommended that students plan these electives to meet other requirements for their planned baccalaureate degree. Undecided students are encouraged to follow this degree program because it is flexible and will help structure their coursework.

**GENERAL EDUCATION REQUIREMENTS –  
36 credits**

Area I Communication 9-10 cr

ENGL 111G  
ENGL 203G, or 211G, or 218G  
COMM 253G or 265G

Area II Math (3 cr)

MATH 210G, MATH 112G, MATH 121G, or higher "G" course

Area III Lab Science (8 cr, 2 different departments from the approved list of NM General Education Common Core courses)

Astronomy  
Biology  
Chemistry  
Introduction to Computer Sciences  
Environmental Science  
Geography OR Geology  
Physics

Area IV Social/Behavioral Sciences (6-9 cr) & Area V Humanities & Fine Arts (6-9 cr). A TOTAL OF 5 COURSES MUST BE SELECTED FROM THE FOLLOWING TWO CATAGORIES \*Students may select from the current approved list of NM General Education Common Core courses

Area IV: SOCIAL/BEHAVIORAL SCIENCES (2 or 3 different departments)

Anthropology G  
C EP 110G  
C J 101GG

Economics G  
Geography G  
Government G  
Psychology 201G  
Sociology G  
S WK 221G  
W S "G"

Area V: HUMANITIES AND FINE ARTS (2 or 3 different departments)

ENGL Literature "G"  
Fine Arts – One from: ART 101G, 110G, MUS 101G, 201G, THTR 101G  
History G  
Philosophy G

**Other Course Requirements (6 credits)**

COLL 101  
C S 110

**Electives to bring total credits to a minimum 66 credits:**

(No more than 9 "applied" (OE/BOT/CMT/BMGT credits allowed – see page 49 of the NMSU Las Cruces 2010 Catalog; and no 300-400 level credits without approval)

Lower division elective course(s).....24 cr

NOTE: Developmental ("N" courses) are not counted as part of graduation requirements; up to 9 credits of English and Mathematics Basic Skills Requirements: Students may satisfy the English Basic Skills by passing ENGL 111G with a C or better. Students must complete the Math Basic Skills Requirement by passing with a C or better MATH 111/112G, MATH 120, or higher level Math. Refer to the NMSU Grants Catalog for Basic Skills Requirement options.

\*Refer to the NM HED Common Core list on pgs 25-26 of this catalog.

**ASSOCIATE OF SCIENCE DEGREE  
66 credits**

Program Manager: Dr. Charlotte Otts, 287-6649

The Associate of Science (A.S.) degree represents the completion of the first two years of several bachelor's degree programs related to the sciences. Students pursuing the Associate of Science degree are advised to select courses that fulfill requirements for specific programs at New Mexico State University and that transfer to other four-year institutions. Many of the courses are General Education (G) courses. Students interested in the natural sciences (e.g., biology or chemistry) or fields closely related to the sciences (e.g., allied health science) are encouraged to follow this degree plan.

Students are strongly encouraged to meet with an academic advisor for help in planning their studies and should be prepared to select their coursework from the following areas:

**General Education Requirements – 36 credits**

Area I Communications (10 credits)

ENGL 111G Rhetoric and Composition  
 ENGL 218G Technical and Scientific Communication  
 COMM 265G Principles of Human Communication  
**OR** COMM 253G Public Speaking

Area II: Mathematics (3 credits)

MATH 121G College Algebra or MATH 142G, Calculus for the Biological & Management Sciences, or STAT 251G, Statistics for Business & the Behavioral Sciences

Area III: Science (8 credits, must be from 2 departments\*)

ASTR 105G or 110G  
 BIOL 111G/L, 101G/L, BIOL 110G, or BIOL 211G/L  
 CHEM 110G; C S 171G  
 E S 110G  
 GEOG 111G or GEOL 111G  
 PHYS 110G

Area IV: Social/Behavioral Sciences (6-9 credits in 2-3 departments\*)

ANTH G; C EP 110G; C J 101GG  
 ECON G course; HL S 150G  
 JOUR 105G; GEOG G  
 GOVT G; LING 200G  
 PSY 201G; SOC G; S WK 221G  
 W S 201G

Area V: Humanities/Fine Art (6-9 credits in 2-3 departments\*, from the Approved list so that total credits from Areas IV and V are 15)

ART 101G; MUS G; THTR G  
 ENGL 115G or 220G  
 HIST G; PHIL G

**Related Course Requirements** (3 credits in addition to Area II above\*)

MATH 121G, College Algebra, or  
 MATH 142G, Calculus for the Biological & Management Sciences, or  
 MATH 190G, MATH 191G, or MATH 192G  
 STAT 251G, Statistics for Business & the Behavioral Sciences

**Other Science Requirements** (12 credits;

Select lower division courses from “G” courses and non “G” courses; 1 must be a “G” course)  
 ASTR; BIOL; CHEM; C S ; GEOG: GEOL; PHYS;  
 MATH or lab science

**Other Course Requirements** (8 credits)

COLL 101, College/Life Success  
 CS 110, Computer Literacy  
 ENGL 112

**Electives** (minimum 7 credits; total degree credits are a minimum of 66)

**Students pursuing a BSN are encouraged to be classified first as Associate of Science. Students may complete the Associate of Science or go directly into the BSN upon acceptance into the program. The following courses are required for entrance into the BSN:** 3

**NMSU College of Health & Social Services  
Department of Nursing Pre-requisites**

ENGL 111G.....	4
COMM 253G or COMM 265G.....	3
Social Sciences .....	6-9
PSY 201G and C EP 110G required	
Humanities/Fine Arts.....	6-9
MATH 121G .....	3
HNFS 251 or 163.....	3
CHEM 110G.....	4
BIOL 211G/L .....	4
BIOL 221/L .....	4
BIOL 225.....	4
BIOL 226.....	4
NURS 328 .....	3
TOTAL Required for Application .....	51
Continued	

The above courses must be completed or currently enrolled in at the time of application to the BSN program.

The following courses are allowed following admission; however STAT 251 is required to be completed prior to the first Nursing semester:

ENGL 211/218/311/318G .....	3
STAT 251 (MATH 120 is a pre-requisite) .....	3
1-2 VAWW (upper division specific courses).....	6

Students are advised to complete all pre-requisites prior to beginning the four semester BSN program.

**CRIMINAL JUSTICE**  
**Associate Degree**  
**66 credits**

Contact: Cynthia Aragon, Program Manager, 287-6670

The Associate in Criminal Justice introduces students to three areas of the Criminal Justice system: police, courts, and corrections. This degree is interdisciplinary in nature. Studies include the humanities, law, natural, behavioral and social sciences. The curriculum seeks to balance theoretical inquiry with applied knowledge.

This Associate degree satisfies the first two years of the Distance Education Bachelor of Criminal Justice.

**New Mexico Common Core** (36 credits)

**Area I Communications (10 credits)**

ENGL 111G Rhetoric and Composition  
ENGL 203G, 218G, OR ENGL 211G  
COMM 265G Principles of Human Communication  
OR COMM 253G Public Speaking

**Area II: Mathematics (3 credits)**

MATH 210G Math Appreciation or MATH 121GG  
or higher MATH

**Area III: Science (8 credits, must be from 2 departments)**

ASTR 105G or 110G  
BIOL 111G/L, 101G/L, or BIOL 110G  
CHEM 110G; C S 171G  
E S 110G  
GEOG 111G or GEOL 111G  
PHYS 110G

**Area IV: Social/Behavioral Sciences (6-9 credits in 2-3 departments)**

ANTH G  
C EP 110G  
ECON G  
GEOG G  
GOVT G  
LING 200G  
PSY 201G;  
SOC 101G or 201G; S WK 221G;  
W S 201G

**Area V: Humanities/Fine Art (6-9 credits in 2-3 departments; Highly recommend 3 courses)**

ART 101G  
ENGL 115G or ENGL 220G  
HIST 101G, 102G, 201G or 202G;

MUS 101G or 201G  
PHIL G course  
THTR 101G

**Criminal Justice Core Courses** (15 Credits)

C J 101G Introduction to Criminal Justice  
C J 205 Criminal Law  
CJ 210 American Law Enforcement  
C J 230 Introduction to Corrections  
C J 250 Courts and the Criminal Justice System

**Related Course Requirements** (8 credits; refer to NMSU Catalog for College of Arts and Sciences second language requirements)

Second Language Requirement: 1) Completion of a second language through The 112 level; or 2) completion through the 213 level for native speakers

**Other Course Requirements** (6 credits)

COLL 101, College/Life Success  
C S 110, Computer Literacy

**Approved lower division electives** (to bring total credits to a minimum of 66)

Elective

**TOTAL 66 credits**

**Note** A grade of C or better is required in all Criminal Justice courses and any courses filling the Arts & Sciences Core Requirements.

The College of Arts & Sciences requires completion of a second language through the 212 level for the Bachelor of Criminal Justice degree. See the main campus catalog for additional information on how to satisfy this requirement.

**CRIMINAL JUSTICE/CORRECTIONS**  
**Associate Degree**  
**72 credits**

Contact: Cynthia Aragon, Program Manager, 287-6670

The Associate in Criminal Justice introduces students to three areas of the Criminal Justice system: police, courts, and corrections. This degree is interdisciplinary in nature. Studies include the humanities, law, natural, behavioral and social sciences. The curriculum seeks to balance theoretical inquiry with applied knowledge.

This degree plan is designed to incorporate Corrections credit for those students who have completed the Correctional Officer Certificate.

**GENERAL EDUCATION REQUIRMENTS – 32 credits**

Area I Communications (10 credits)

ENGL 111G Rhetoric and Composition  
 ENGL 203G, 218G, OR ENGL 211G  
 COMM 265G Principles of Human Communication  
**OR** COMM 253G Public Speaking

Area II: Mathematics (3 credits)

MATH 210G Math Appreciation or MATH 121GG  
 or higher MATH

Area III: Science (4 credits)

ASTR 105G or 110G  
 BIOL 111G/L, 101G/L, or BIOL 110G  
 CHEM 110G; C S 171G  
 E S 110G  
 GEOG 111G or GEOL 111G  
 PHYS 110G

Area IV: Social/Behavioral Sciences (6-9 credits in 2-3 departments)

ANTH G  
 C EP 110G  
 ECON G  
 GEOG G  
 GOVT G  
 LING 200G  
 PSY 201G;  
 SOC 101G or 201G; S WK 221G;  
 W S 201G

Area V: Humanities/Fine Art (6-9 credits in 2-3 departments; Highly recommend 3 courses)

ART 101G  
 ENGL 115G or ENGL 220G

HIST 101G, 102G, 201G or 202G;  
 MUS 101G or 201G;PHIL G course  
 THTR 101G

**CRIMINAL JUSTICE/CORRECTIONS CORE ...**

.....	<b>31</b>
OEPS 150 Correctional Officer I.....	4
OEPS 180 Correctional Officer II .....	4
OEPS 250 Correctional Officer III.....	4
OEPS 280 Correctional Officer IV.....	4
CJ 101 Introduction to Criminal Justice .....	3
CJ 205 Criminal Law I .....	3
CJ 210 American Law Enforcement System.....	3
CJ 230 Introduction to Corrections.....	3
CJ 250 Courts and the Criminal Justice System .....	3

**Other Course Requirements (6 credits)**

COLL 101, College/Life Success  
 C S 110, Computer Literacy

Lower division electives.....2-3

**TOTAL..... 72 credits**

NOTE: A grade of C or better is required in all Criminal Justice courses and any courses filling the Arts & Sciences Core Requirements.

For students planning to pursue a Bachelor's in Criminal Justice through Distance Education, the Associate in Criminal Justice requirements remain required.

**EARLY CHILDHOOD EDUCATION**  
**Associate Degree**  
**71 credits**

Contact: Linda Marion, Program Manager, 287-6653

The Associate degree in Early Childhood Education is designed to be either a terminal degree or for transfer to a bachelor's degree program. Students should consult with the Distance Education Coordinator for a transfer degree plan. (See also Certificate in Early Childhood Education)

**GENERAL EDUCATION REQUIREMENTS – 30 credits**

Area I Communications (7 credits)

ENGL 111G, Rhetoric & Composition  
 ENGL 211G, Writing in the Humanities & Social Sciences<sup>3</sup>

Area II MATH (3 credits)

MATH 112G, Fundamentals of Elementary Mathematics II

Area III: Science (8 credits, must be from 2 departments)

ASTR 105G, The Planets **or**  
 ASTR 110G, Introduction to Astronomy  
 BIOL101G/L, Human Biology w/ Lab, **or**  
 BIOL110G, Contemporary Problems in Biology, **or** BIOL 111G/L, Natural History of Life w/ Lab  
 CHEM 110G, Principles & Applications of Chemistry **or** CHEM 111G, General Chemistry I  
 C S 171G, Introduction to Computer Sciences  
 E S 110G, Introductory Environmental Science  
 GEOL 111G, Survey of Geology **or**  
 GEOG 111G, Geography of the Natural Environment  
 PHYS 110G, The Great Ideas of Physics

Area IV: Social/Behavioral Sciences (3 credits)

Select one of the following courses  
 ANTH G course  
 ECON G course  
 GEOG 112G or 120G  
 GOVT G course  
 LING 200G  
 SOC G course

Area V: Humanities/Fine Arts (9 credits)

Select one from the following:  
 ART 101G; MUS 101G or 201G; THTR 101G

Select 2 courses from the following:

HIST 101G, Roots of Modern Europe **or**  
 HIST 102G, Modern Europe .....<sup>3</sup>  
 HIST 201G, Introduction to Early American History **or** HIST 202G, Introduction to Recent American History .....<sup>3</sup>

**EARLY CHILDHOOD CORE – 32 credits**

C EP 110G, Human Growth and Behavior  
 ECED 115, Child Growth, Development, & Learning  
 ECED 125, Health, Safety & Nutrition  
 ECED 135, Family & Community Collaboration  
 ECED 215, Curriculum Development & Implementation I  
 ECED 220, Practicum I  
 ECED 225, Curriculum Development & Implementation II  
 ECED 230, Practicum II  
 ECED 235, Introduction to Reading & Literacy Development  
 ECED 245, Early Childhood Education Professionalism  
 ECED 255, Assessment of Children & Evaluation of Programs  
 ECED 265, Guiding Young Children

**OTHER COURSE REQUIREMENTS – 9credits**

MATH 111, Fundamentals of Elementary Mathematics I, Prerequisite(s): ENGL 111G and a Grade of C or better in MATH 120, Intermediate Algebra  
 COLL 101, College/Life Success  
 C S 110, Computer Literacy

**TOTAL ..... 71 credits**

Note: Students planning to complete a Bachelor's degree will need to complete the General Education requirements.

The College of Education at NMSU Las Cruces requires a minimum of 2.5 GPA and a grade of C or better in all professional education course and all courses in their teaching field.

**EDUCATION**  
**Associate Degree**  
**68 credits**

Contact: Linda Marion, Program Manager, 287-6653

The Associate degree in Education, administered by the College of Education, is intended to prepare students for transfer to a four-year college for completion of a bachelor's degree. Students wishing to transfer to NMSU-Las Cruces should consult with the Distance Education Coordinator for a transfer degree plan.

**GENERAL EDUCATION REQUIREMENTS – 43 credits**

Area I Communications (10 credits)

ENGL 111G, Rhetoric & Composition

ENGL 211G, Writing in the Humanities & Social Sciences

COMM 253G, Public Speaking **or**

COMM 265G, Principles of Human Communication.

Area II MATH (3 credits)

MATH 112G, Fundamentals of Elementary

Mathematics II (prerequisite of C or better in MATH 120)

Area III: Science (12 credits; Select 3 courses from 3 departments

Areas)

ASTR 105G, The Planets **or**

ASTR 110G, Introduction to Astronomy

BIOL 101G/L, Human Biology w/ Lab **or**

BIOL110G, Contemporary Problems in Biology, **or** BIOL 111G/L, Natural History of Life w/ Lab

CHEM 110G, Principles & Applications of

Chemistry **or** CHEM 111G, General Chemistry I

C S 171G, Introduction to Computer Sciences

E S 110G, Introductory Environmental Science

PHYS 110G, The Great Ideas of Physics

GEOL 111G, Survey of Geology **or**

GEOG 111G, Geography of the Natural Environment

Area IV: Social/Behavioral Sciences (9 credits)

Select 2 courses from 2 different areas

SOC 101G, Introductory Sociology

GOVT 100G, American National Government **or**

GOVT 110G, Introduction to Political Science

GEOG 112G, World Regional Geography **or**

ECON 201G, Introduction to Economics **or**

ECON 251 G, Principles of Macroeconomics **or**

ECON 252G, Principles of Microeconomics

ANTH 201G, Introduction to Anthropology

Required Social Science:

LING 200G, Introduction to Linguistics

Area V: Humanities/Fine Arts (9 credits)

Select 2 courses from the following

HIST 101G, Roots of Modern Europe **or**

HIST 102G, Modern Europe

HIST 201G, Introduction to Early American

History **or** HIST 202G, Introduction to Recent American History

Select 1 from the following:

ART 101G; MUS 101G or 201G; THTR 101G

**EDUCATION CORE – 10 credits**

EMD 101, Freshman Orientation

EMD 250, Introduction to Education

EDUC 181, Field Experience I

C EP 110G, Human Growth & Behavior

C EP 210, Educational Psychology

**RELATED COURSE REQUIREMENTS – 9 credits**

COLL 101, College/Life Success

C S 110, Computer Literacy

MATH 111, Fundamentals of Elementary

Mathematics I, Prerequisite(s): ENGL 111G and a

Grade of C or better in MATH 120, Intermediate Algebra

**OTHER ELECTIVES – 6 credits**

*Select 2 courses from the following .....6*

ECED 115, Child Growth, Development, & Learning

EDUC 204, Foundations of Bilingual/ESL Education

EDLT 368, Integrating Technology with Teaching

HIST 201G, Introduction to Early American

History **or** HIST 202G, Introduction to Recent American History

HIST 261, New Mexico History

SPED 350, Survey of Programs for Exceptional Learners

**TOTAL ..... 68 credits**

The College of Education at NMSU Las Cruces requires a minimum of 2.5 GPA and a grade of C or better in all professional education course and all courses in their teaching field.

**PRE-BUSINESS  
Associate Degree  
66 credits**

Program Manager: Betty Habiger, 287-6646

The Associate degree in Pre-Business provides basics in accounting and economics. Students who earn this degree will have completed the first two years of any four-year business degree offered at NMSU at Las Cruces. Students are advised to complete the NM Higher Education Department Common Core Courses to meet NMSU College of Business requirements.

**New Mexico Common Core** (36 credits)

**Area I Communications** (10 credits)

ENGL 111G Rhetoric and Composition  
ENGL 203G Business and Professional  
Communication OR ENGL 218G Technical  
& Scientific Communication  
COMM 265G Principles of Human Communication  
**OR** COMM 253G Public Speaking

**Area II: Mathematics** (3 credits)

MATH 121 College Algebra

**Area III: Science** (8 credits, must be from 2 departments)

ASTR 105G or 110G  
BIOL 111G/L, 101G/L, or BIOL 110G  
CHEM 110G; C S 171G;  
E S 110G;  
GEOG 111G or GEOL 111G  
PHYS 110G

**Area IV: Social/Behavioral Sciences** (6-9 credits in 2-3 departments)

**ECON 251G\*\***, Principles of Macroeconomics  
**ECON 252G\*\***, Principles of Microeconomics  
ANTH G course  
C EP 110G  
GEOG G course  
GOVT G course  
LING 200G  
**PSY 201G (strongly recommended)**  
SOC 101G or 201G  
S WK 221G  
W S 201G

**Area V: Humanities/Fine Art** (6-9 credits in 2-3 departments, from the Approved list so that total credits from Areas IV and V are 15)

ART 101G  
ENGL 115G or ENGL 220G  
HIST 101G, 102G, 201G or 202G  
MUS 101G or 201G  
PHIL G course  
THTR 101G

**Pre-Business Core Requirements** (12 credits)

ACCT 251, Management Accounting  
ACCT 252, Accounting Systems  
BUSA 111, Business in a Global Society  
C S 110, Computer Literacy

**Related Course Requirements** (9 credits in addition to Area II above)

MATH 120, Intermediate Algebra (a grade of C or better is required)  
MATH 142G, Calculus for the Biological & Management Sciences  
STAT 251G, Statistics for Business & the Behavioral Sciences

**Other Course Requirements** (6 credits)

COLL 101, College/Life Success  
MGT or FIN elective

**Approved lower division electives** (3 credits)

Take a sufficient amount of lower division electives to meet the minimum total credits.

**TOTAL.....66**

Note: The NMSU College of Business requires a C or better in MATH 120 and MATH 121G.

\*\*Required Social Science courses.

**SOCIAL SERVICES**  
**Associate Degree**  
**66 credits**

Program Manager: William Serban, 287-6648

The Associate degree in Social Services prepares students for entry-level positions in a social services setting. Courses taken for this degree may be used to transfer to NMSU-Las Cruces for students wishing to pursue a bachelor's degree in Social Work or Human and Community Service. For more information about transfer plans, see the Distance Education Coordinator.

**New Mexico Common Core** (39 credits)

**Area I Communications** (10 credits)

ENGL 111G Rhetoric and Composition  
ENGL 203G Business and Professional  
Communication OR ENGL 211G Writing

In the Humanities & Social Sciences

COMM 265G Principles of Human Communication  
OR COMM 253G Public Speaking

**Area II: Mathematics** (3 credits)

MATH210G Math Appreciation or MATH 121G or  
higher

**Area III: Science** (8 credits)

BIOL 111G/L Natural History of Life  
OR BIOL 101G/L Human Biology\*  
OR BIOL 110G Contemporary Problems in  
Biology

AND one of the following:

ASTR 105G, 110G; CHEM 110G; C S 171G;  
E S 110G; GEOG 111G; GEOL 111G;  
PHYS 110G

**Area IV: Social/Behavioral Sciences** (9 credits)

GOVT 100G American National Government  
OR GOVT 110G Introduction to Political  
Science  
SOC 101G Introductory Sociology  
SOC 201G Contemporary Social Problems

**Area V: Humanities/Fine Art** (9 credits)

HIST 201G Introduction to Early American  
History OR HIST 202G Introduction to  
Recent American History  
ART 101G, MUS 101G, 201G, PHIL 101G, 201G,  
THTR 101G

**Social Services Core Courses** (18 Credits)

C EP 110G Human Growth & Behavior  
PSY 201G Introduction to Psychology  
PSY 266 Applied Psychology

OR PSY 290 Psychology of Adjustment  
PSY 274 A Study of Substance Abuse Thru Service  
Learning  
S WK 221G Introduction to Social Work  
S WK 253 Case Management

**Other Course Requirements** (6 credits)

COLL 101, College/Life Success  
C S 110G, Computer Literacy

**Electives** (minimum 3 credits)

Lower division elective

**TOTAL..... 66 credits**

A grade of C or better is required on all General  
Education and Social Service courses.

\*recommended BIOL 101G/L course to articulate to  
the BSW and MSW

**BUSINESS**  
**Associate of Applied Business**  
**66 credits**

Program Manager: Betty Habiger, 287-6646

The Associate degree in Applied Business is designed to prepare students for middle-level entry jobs in business. The general program surveys the fundamentals of business operations giving special consideration to basic accounting practices, basic business law, economics, fundamentals of marketing, and management of human resources.

**GENERAL EDUCATION REQUIREMENTS –  
16 credits**

Area I Communications (10 credits)

ENGL 111G Rhetoric and Composition  
ENGL 203G Business and Professional  
Communication OR ENGL 218G Technical  
& Scientific Communications  
COMM 265G Principles of Human Communication  
**OR** COMM 253G Public Speaking

Area IV: Social/Behavioral Sciences (6 credits)

ECON 251G, Principles of Macroeconomics OR  
ECON 252G, Principles of Microeconomics OR  
ECON 201G, Introduction to Economics

PSY 201G, Introduction to Psychology OR  
SOC 101G, Introduction to Sociology

**Applied Business Core Requirements** (30 credits)

ACCT 251, Management Accounting  
ACCT 252, Accounting Systems  
BLAW 230, Business Law  
BMGT 210, Marketing  
BMGT 216, Business MATH (prerequisite CCDM  
103n) OR MATH 120 OR any higher level Math  
course  
BMGT 221, Cooperative Experience  
BMGT 240, Human Relations  
BUSA 111, Business in a Global Society  
FIN 210, Financial Planning and Investments  
MGT, Introduction to Management

**Other Course Requirements** (9 credits)

COLL 101, College/Life Success  
C S 110, Computer Literacy  
OECS 215, Spreadsheets

**Approved lower division electives (11 credits; total  
degree credits are a minimum of 66; Any Business  
related course,**

ACCT, ECON, BMGT, MATH 120, OECS, CS..... 11  
**Total Credits** ..... 66

Note: This is a terminal degree and not designed to transfer to a Bachelor's degree program within NMSU. Those students planning to earn a Bachelor's degree will need to complete all 36 credits of general education requirements, including MATH 121G or higher.

**AUTOMOTIVE TECHNOLOGY**  
**Associate of Applied Science**  
**68 credits**

Program Manager: Paul Garcia, 287-6635

The Associate of Applied Science in Automotive Technology provides training for employment as an automotive technician or in a related field. The Automotive Technology laboratory and classroom facilities have been equipped with the most current test and training equipment available. Classroom instruction is combined with practical training in the laboratory to provide students with service and repair procedures required for ASE certification. Additional training is available for those technicians seeking to update current practices in the ASE certification areas.

(See also Certificate in Automotive Technology)

**GENERAL EDUCATION REQUIREMENTS –**  
**13 credits**

Area I Communications (10 credits)

ENGL 111G, Rhetoric & Composition

ENGL 203G, Business & Professional  
Communication **or** ENGL 218G, Technical &  
Scientific Communication

COMM 253G, Public Speaking **or**

COMM 265G, Principles of Human  
Communication

Area IV: Social/Behavioral Sciences (3 credits)

PSY 201G, Introduction to Psychology **or**

SOC 101G, Introductory Sociology

**AUTOMOTIVE TECHNOLOGY CORE –**  
**46 credits**

OEAT 105, Welding

OEAT 112, Basic Gasoline Engines

OEAT 117, Electronic Analysis & Tune-Up of  
Gasoline Engines

OEAT 118, Technical Math for Mechanics **or**  
any higher level MATH Course

OEAT 119, Manual Transmission/Clutch

OEAT 120, Electrical Systems

OEAT 125, Brakes

OEAT 126, Suspension, Steering & Alignment

OEAT 132, Automotive Air Conditioning &  
Heating Systems **or** OEAT 127, Basic

Automatic Transmissions

OEAT 137, Fuel Systems & Emission Controls

OEAT 221, Cooperative Experience I

**OTHER COURSE REQUIREMENTS –**  
**9 credits**

COLL 101, College/Life Success

C S 110, Computer Literacy

OEAT course not included above

**TOTAL..... 68 credits**

**COMPUTER TECHNOLOGY**  
**Associate of Applied Science**  
**66 credits**

Program Manager: Doug Bocaz-Larson, 287-6656

The Associate of Applied Science in Computer Technology is designed to give students a complete background in both theory and practical experience. There are opportunities for employment in a variety of settings including software support, computer repair, information management, networking and education.

(See also Certificate in Computer Technology)

**GENERAL EDUCATION REQUIREMENTS –**  
**20 credits**

Area I: Communications (10 credits)

ENGL 111G, Rhetoric & Composition

ENGL 203G, Business & Professional  
Communication **or** ENGL 218G, Technical &  
Scientific Communication

COMM 253G, Public Speaking **or**

COMM 265G, Principles of Human  
Communication

Area II: Mathematics (3 credits)

MATH 120, Intermediate Algebra **or**  
any higher level MATH course

Area III: Science (4 credits)

Natural Science “G” course (lower division)

Area IV: Social /Behavioral Sciences (3 credits)

PSY 201G, Introduction to Psychology **or**

SOC 101G, Introductory Sociology

**COMPUTER TECHNOLOGY CORE –**  
**36 credits**

C S 110, Computer Literacy

OECS 125, Operating Systems

OECS 185, PC Maintenance & Selection

OECS 203, UNIX Operating Systems.

OECS 204, LINUX Operating Systems

OECS 207, Windows

OECS 209, Computer Graphic Arts

OECS 213, Image Processing

OECS 215, Spreadsheet Applications

OECS 221, Cooperative Experience I

OECS 230, Data Communication & Networks I

OECS 231, Data Communication & Networks II

OECS 260, HTML Programming

OECS 280, Desktop Publishing Techniques

**ELECTIVE COURSE REQUIREMENTS –**  
**10 credits**

COLL 101, College/Life Success

C S 209, Special Topics

Any lower division elective courses

\*NOTE: Students who plan to seek admission into NMSU’s online Bachelor of Information and Communication Technology should take a course in Java Programming (CS187 or OECS195) for their elective. Consult with the College of Engineering for other required courses.

**TOTAL ..... 66 credits**

**CREATIVE MEDIA TECHNOLOGY**  
**Associate of Applied Science**  
**69 credits**

Program Manager: Doug Bocaz-Larson 287-6656

The Associate of Applied Science in Creative Media prepares students for entry-level work in the media industry. Skills include both above and below the line concepts including working with audio and video equipment, editing, acting, directing, and writing. Students also build skills in communications, project management and computers that are transferable to other media related jobs including education, television and gaming.

**General Education Requirements** (16 credits)

**Area I Communications** (7 credits)

ENGL 111G Rhetoric and Composition  
COMM 265G Principles of Human Communication  
**OR** COMM 253G Public Speaking

**Area II: Mathematics** (3 credits)

MATH 120, Intermediate Algebra or higher level MATH course

**Area IV: Social/Behavioral Sciences** (3 credits)

ANTH G course; C EP 110G; C J 101GG;  
ECON G course; GEOG G course;  
GOVT G course; LING 200G; PSY 201G;  
SOC 101G or 201G; S WK 221G;  
W S 201G

**Area V: Humanities/Fine Art** (3 credits)

ART 101G; ENGL 115G or ENGL 220G;  
HIST 101G, 102G, 201G or 202G;  
MUS 101G or 201G, PHIL G course; THTR 101G

**Creative Media Core Requirements** (44 credits)

CMT 100, Introduction to Visual Communications  
CMT 110, Introduction to Web Design  
CMT 120, Introduction to Creative Media  
CMT 130, Web Design I  
CMT 145, Image Processing I  
CMT 146, Digital Foundations  
CMT 170, History of Film: A Global Perspective  
CMT 180, Principles of Media Design  
CMT 190, Digital Video Production I  
CMT 195, Digital Video Editing I  
CMT 210, Digital Video Production II OR CMT 230,  
Web Design II  
CMT 215, Digital Video Editing II OR CMT 275,  
Advanced Web Techniques  
CMT 221, Co-op Experience  
CMT 223, Media Production Services

CMT 155, Selected Topics OR CMT 255, Selected Topics

**Other course requirements/electives** (9 credits)

COLL 101, College/Life Success

C S 110, Computer Literacy

Any lower division course(s)

**TOTAL CREDITS .....69**

**ELECTRONICS TECHNOLOGY**  
**Associate of Applied Science**  
**66 credits**

Program Manager: Bruce McDowell, 287-6636

The Associate degree in Electronics Technology prepares students to enter the workforce as electronic technicians in a variety of settings. This program emphasizes laboratory experience and the development of application skills.

(See also Electronics Technology Certificate)

**GENERAL EDUCATION REQUIREMENTS –**  
**13 credits**

Area I Communications (10 credits)

ENGL 111G, Rhetoric & Composition

ENGL 203G, Business & Professional

Communication **or** ENGL 218G, Technical &  
Scientific Communication

COMM 253G, Public Speaking **or**

COMM 265G, Principles of Human  
Communication

Area IV: Social/Behavioral Sciences (3 credits)

PSY 201G, Introduction to Psychology **or**

SOC 101G, Introductory Sociology

**ELECTRONICS TECHNOLOGY CORE –**  
**38 credits**

OEES 110, Electronics I

OEES 120, Mathematics for Electronics **or**  
any higher MATH course

OEES 135, Electronics II

OEES 155, Electronics CAD & PCB Design

OEES 160, Digital Electronics I

OEES 175, Soldering Practices

OEES 205, Semiconductor Devices

OEES 215, Microprocessor Applications I

OEES 221, Cooperative Experience I

OEES 225, Computer Applications for Technicians

OEES 235, Digital Electronics II

**OTHER RELATED COURSE REQUIREMENTS**  
**–15 credits**

COLL 101, College/Life Success

C S 110, Computer Literacy

OEET 120, Basic Motor Controls

Any OEET course(s) not included above

**TOTAL..... 66 credits**

Note: Students may substitute DRFT 135 for OEES  
155.

**WELDING TRADES**  
**Associate of Applied Science**  
**66 credits**

Program Manager: Richard Gutierrez, 287-6645

The Associate of Applied Science in Welding Trades teaches students how to set up and use various types of welding equipment. Students also will learn how to weld pipe and plate in various positions: flat, horizontal, vertical, and overhead.

(See also Welding Trades Certificate)

**GENERAL EDUCATION REQUIREMENTS –**  
**16 credits**

Area I: Communications (10 credits)

ENGL 111G, Rhetoric & Composition  
ENGL 203G, Business & Professional  
Communication **or** ENGL 218G, Technical  
& Scientific Communication  
COMM 253G, Public Speaking **or**  
COMM 265G, Principles of Human  
Communication

Area II: Mathematics (3 credits)

MATH 120, Intermediate Algebra **or**  
OEWT 118, Technical Math for Welders

Area IV: Social/Behavioral Science (3 credits)

PSY 201G, Introduction to Psychology **or**  
SOC 101G, Introductory Sociology

**WELDING TRADES CORE – 36-37 credits**

OEWT 100, Structural Welding I  
OEWT 105, Introduction to Welding **OR** OEAT 105,  
Welding  
OEWT 110, Blueprint Reading (Welding)  
OEWT 115, Structural Welding II  
OEWT 120, Basic Metallurgy  
OEWT 125, Introduction to Pipe Welding  
OEWT 130, Introduction to GMAW (MIG)  
OEWT 140, Introduction to GTAW (TIG)  
OEWT 211, Welder Qualification  
OEWT 221, Cooperative Experience I

**OTHER COURSE REQUIREMENTS –**  
**9 credits**

COLL 101, College/Life Success  
C S 110, Computer Literacy  
DRFT 114, Introduction to Mechanical Drafting/  
Solid Modeling **OR** DRFT, 109, Computer  
Drafting Fundamentals3

**OTHER COURSES ELECTIVES – minimum 4**  
**credits to bring total to 66 credits**

OECS/ CS elective

OEWT 221, Cooperative Experience 1-6 cr

**TOTAL.....minimum 66 credits**

## APPLIED ACCOUNTING

*Certificate*  
15 Credits

Program Manager: Betty Habiger, 287-6646

\*Pending program approval

### REQUIREMENTS

C S 110, Computer Literacy .....	3
BMGT 216, Business Math .....	3
ACCT 251, Management Accounting .....	3
ACCT 252, Financial Accounting .....	3
FIN 210, Personal Finance .....	3
<b>TOTAL .....</b>	<b>15</b>

## AUTOMOTIVE TECHNOLOGY

*Certificate*  
33 Credits

Program Manager: Paul Garcia, 287-6635

### AUTOMOTIVE REQUIREMENTS

OEAT 119, Manual Transmission/Clutch <b>or</b> OEAT 127, Basic Automatic Transmission .....	5
OEAT 125, Brakes .....	5
OEAT 126, Suspension Steering & Alignment .....	5
OEAT 112, Basic Gasoline Engine .....	5
OEAT 117, Electronic Analysis & Tune-up of Gasoline Engines .....	5
OEAT 120, Electrical Systems .....	4
OEAT 137, Fuel System & Emission Control .....	4
<b>TOTAL .....</b>	<b>33 credits</b>

## BUILDING TRADES

*Certificate*  
33-34 Credits

Contact: Dr. Harry Sheski, VPAA, 287-6641

The Building Trades program is designed to prepare the student for an entry level job in the building trades. Our homes, our schools, and the stores in which we shop—each was built with the help of carpenters, electricians, and plumbers. Carpenters design projects, layout and study blueprints, measure and arrange materials according to plans, and must be familiar with national and local building codes. Carpenters cut and shape a variety of materials—wood, plastic, concrete, drywall, using saws, planes, drills, and other tools. Tools will be provided for the

students enrolled in the construction trades program. Students enrolled in this program may specialize in certain construction tasks, or prepare to be a general contractor for residential construction.

### BUILDING TRADES REQUIREMENTS

Math requirement: completion of CCDM 103N or placement into a higher level math as determined by the College Placement Test or OEBT 118.

OEBT 100, Building Trades I .....	8
OEBT 104, Woodworking Skills I .....	3
OEBT 105, Woodworking Skills II .....	3
OEBT 110, Blueprint Reading for Building Trades .....	4
OEBT 200, Building Trades II .....	8
OEBT 221, Cooperative Experience I .....	1-4
OEBT 255, Special Topics .....	1-6
OEBT 290, Special Problems in Building Technology .....	1-4

**TOTAL .....** 33-44 credits

## COMPUTER TECHNOLOGY

*Certificate*  
24 credits

Program Manager: Doug Bocaz-Larson, 287-6656

Students are given a variety of hands-on experiences to prepare them for computer related careers. There are opportunities for employment in a variety of settings including software support, computer repair, information management, networking and education.

### COMPUTER TECHNOLOGY COURSES

C S 110, Computer Literacy .....	3
OECS 125, Operating Systems .....	3
OECS 185, Maintenance & Selection I .....	3
OECS 207, Windows .....	3
OECS 215, Spreadsheet Applications .....	3
OECS 230, Data Communication & Networks I .....	3
OECS 260, Introduction to HTML .....	3
OECS 280, Desktop Publishing .....	3

**TOTAL .....** 24 credits

## CORRECTIONS OFFICER TRAINING

### *Certificate*

16 credits

Program Manager: Dr. Harry Sheski, Vice President for Academic Affairs, 287-6641

This intensive 10-week program of the NMSU Grants Corrections Officer Training Academy (COTA) prepares students for entry-level positions as corrections officers. The program is fully certified by the New Mexico Corrections Department (NMCD) and it exceeds national standards. Instruction is provided by NMCD-approved trainers. The demand for certified corrections officers within New Mexico is very high. The four courses that comprise the program are taught concurrently. Prerequisite for all courses is consent of instructor.

### COTA REQUIREMENTS

OEPS 150, Corrections Officer Training I .....	4
OEPS 180, Corrections Officer Training II.....	4
OEPS 250, Corrections Officer Training III.....	4
OEPS 280, Corrections Officer Training IV.....	4

**TOTAL .....** 16 credits

## CRIMINAL JUSTICE/CORRECTIONS

### *Certificate*

31 credits

Program Manager: Cynthia Aragon, 287-6670

### Criminal Justice/Corrections Core

OEPS 150 Correctional Officer I.....	4
OEPS 180 Correctional Officer II.....	4
OEPS 250 Correctional Officer III .....	4
OEPS 280 Correctional Officer IV .....	4
CJ 101 Introduction to Criminal Justice.....	3
CJ 205 Criminal Law I.....	3
CJ 210 American Law Enforcement System .....	3
CJ 230 Introduction to Corrections .....	3
CJ 250 Courts and the Criminal Justice System.....	3

**TOTAL .....** 31 credits

## DIGITAL FILM TECHNOLOGY

### *Certificate*

25 credits

Program Manager: Doug Bocaz-Larson, 287-6656

The certificate in Digital Film Technology introduces individuals to the basics of producing videos for personal or business use. Students will also be prepared for entry-level work in the growing New Mexico film industry as production assistants.

### CREATIVE MEDIA TECHNOLOGY COURSES

CMT 100, Introduction to Visual Communications .....	3
CMT 110, Introduction to Web Design .....	1
CMT 146, Digital Foundations.....	3

CMT 170, History of Film: A Global Perspective <b>or</b> JOUR 105G, Introduction to Mass Communications .....	3
CMT 180, Principles of Media Design.....	3
CMT 190, Digital Video Production I.....	3
CMT 195, Digital Video Editing I.....	3
CMT electives .....	6

**TOTAL .....** 25 credits

## DRAFTING TRADES

### *Certificate*

33 credits

Program Manager: Richard Gutierrez, 287-6645

This program provides students with the education and experience needed to pursue an entry-level drafting or computer graphics position. The program includes Architectural, Civil, Mechanical and Electronics Drafting. Classes developing 3-D animated graphics used by architects, designers for simulation, lawyers for accident reconstruction, executives for presentations, and business for training videos are included.

### DRAFTING TRADES REQUIREMENTS

DRFT 151, Construction Principles & Blueprint Reading .....	4
DRFT 109, Computer Drafting Fundamentals .....	3
DRFT 114, Introduction to Mechanical Drafting/Solid Modeling.....	3
DRFT 118, Geometry for Drafting .....	3
DRFT 180, Construction Drafting I.....	4
DRFT 135, Electronics Drafting I .....	3
DRFT 143, Civil Drafting Fundamentals .....	3

DRFT 176, Computer Drafting in 3-D .....	3
DRFT 220, Construction Drafting II .....	4
DRFT 276, Computer Rendering & Animation .....	3

**TOTAL..... 33 credits**

**EARLY CHILDHOOD EDUCATION**

*Certificate*  
33 credits

Contact: Linda Marion, 287-6653

The requirements for the Certificate in Early Childhood Education at NMSU Grants also meet the requirements of the one-year vocational certificate awarded by the State of New Mexico, Office of Child Development.

**GENERAL EDUCATION REQUIREMENT –  
4 credits**

ENGL 111G, Rhetoric & Composition .....4

**EARLY CHILDHOOD REQUIREMENTS –  
29 credits**

ECED 115, Child Growth/Development & Learning .....	3
ECED 125, Health, Safety, & Nutrition .....	2
ECED 135, Family & Community Collaboration.....	3
ECED 215, Curriculum Development & Implementation I.....	3
ECED 220, Early Childhood Education Practicum I.....	2
ECED 225, Curriculum Development & Implementation II.....	3
ECED 230, Early Childhood Education Practicum II.....	2
ECED 235, Introduction to Reading & Literacy Development .....	3
ECED 245, Early Childhood Education Professionalism .....	2
ECED 255, Assessment of Children & Evaluation of Programs.....	3
ECED 265, Guiding Young Children .....	3

**TOTAL..... 33 credits**

**ELECTRICAL TRADES**

*Certificate*  
32 credits

Program Manager: Bruce McDowell, 287-6636

This program provides training in the operation, installation, and service of electrical equipment. Topics include motors, relays, switches, safety controls, circuits, loads and requirements. Students read blueprints and apply the National Electric Code as they prepare for entry-level positions in the construction industry.

**ELECTRICAL TRADES REQUIREMENTS**

OEET 101, Electrical Blueprint Reading .....	4
OEET 110, Basic Electricity & Electronics.....	4
OEET 115, Wiring Methods & Materials.....	5
OEET 118, Math for Electricians .....	3
OEET 120, Basic Motor Controls .....	5
OEET 205, National Electric Code.....	3
OEET 210, Intermediate Electricity .....	5
OEET 221, Cooperative Experience I .....	3

**TOTAL..... 32 credits**

**ELECTRONICS TECHNOLOGY**

*Certificate*  
33 credits

Program Manager: Bruce McDowell, 287-6636

**ELECTRONICS COURSE REQUIREMENTS –  
27 credits**

OEES 110, Electronics I.....	4
OEES 120, Math for Electronics .....	4
OEES 135, Electronics II.....	4
OEES 155, Electronics CAD & PCB Design .....	3
OEES 160, Digital Electronics .....	4
OEES 175, Soldering Practices .....	2
OEES 205, Semiconductor Devices .....	4
OEES 221, Cooperative Experience I.....	2

**RELATED COURSE REQUIREMENT –  
5 credits**

OEET 120, Basic Motor Controls .....

**TOTAL..... 32 credits**

Note: DRFT 135 may be substituted for OEES 155.

**NURSING ASSISTANT**

*Certificate*

15 credits

Program Manager: Neal Gallagher, 287-6654

Nursing assistants perform basic nursing functions and procedures involving patient care. They work under the supervision of a registered nurse, licensed practical nurse, or physician. Nursing assistants tend to matters relating to personal hygiene, safety, nutrition, exercise, and elimination where maintaining patient comfort is a priority. Nursing assistants may be called upon to lift, move, or observe patients, as well as measure temperatures, pulses, respirations, and blood pressures. They may assist with patient admissions and discharges as well. The scope of their responsibilities, however, varies considerably depending upon the type of organization in which they are employed.

NOTE: Admission to the Nursing Assistant program requires COMPASS scores. Speak with an adviser regarding English and Math requirements and refer to course descriptions in the back of this catalog.

**NURSING ASSISTANT REQUIREMENTS**

OEHO 120, Medical Terminology .....	3
OEHO 153, Introduction to Anatomy & Physiology.....	4
OENA 104, Basic Fundamentals of Personal Care.....	4
OENA 105, Certified Nursing Assistant Completion.....	4
<b>TOTAL .....</b>	<b>15 credits</b>

**WEB FUNDAMENTALS**

*Certificate*

16 credits

Program Manager: Doug Bocaz-Larson, 287-6656

**WEB FUNDAMENTALS COURSES –**

**14 credits**

C S 110, Computer Literacy .....	3
OECS 209, Computer Graphics Arts.....	1
OECS 213, Image Processing.....	1
OECS 216, Programming for the Web .....	3
OECS 260, Introduction to HTML.....	3
CMT 230, Web Page Development I.....	3

**RELATED COURSE REQUIREMENTS –**

**2 credits**

C S 209, Special Topics.....	2
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**TOTAL .....** 16 credits

**WELDING TRADES**

*Certificate*

33-34 credits

Program Manager: Richard Gutierrez, 287-6645

**WELDING REQUIREMENTS**

OEWT 100, Structural Welding I.....	6
OEWT 105, Introduction to Welding <b>or</b> OEAT 105, Welding.....	3-4
OEWT 110, Blueprint Reading (Welding) .....	3
OEWT 115, Structural Welding II.....	6
OEWT 118, Technical Math for Welders <b>or</b> MATH 120, Intermediate Algebra .....	3
OEWT 120, Basic Metallurgy .....	3
OEWT 125, Introduction to Pipe Welding .....	3
OEWT 130, Introduction to GMAW (MIG).....	3
OEWT 140, Introduction to GTAW (TIG).....	3

**TOTAL .....** 33-34 credits

## **DISTANCE EDUCATION**

Distance Education (DE) at NMSU is defined as the formal education process of delivering instruction so that students physically remote from the campus of program origin and/or instructor may participate. Students who live a significant distance away from the main campus or have scheduling conflicts due to family or work obligations often find distance education as the best solution to educational advancement. The NMSU Office of Distance Education in Las Cruces serves these students.

### **Distance Education Delivery**

Distance education undergraduate degree programs at NMSU are delivered using both technology and face-to-face instruction at off-site locations such as NMSU Community Colleges. Degrees are listed below according to their primary delivery method. For complete and current information, please visit the Office of Distance Education web site at <http://distance.nmsu.edu/> and <http://extended.nmsu.edu/>.

### **Bachelor's Degree Completion Programs**

All undergraduate degree programs offered through NMSU Distance Education are Bachelor degree completion programs. These programs require that students have all lower-division (100 and 200 level) credits completed before admittance into the program. DE Bachelor degree completion programs normally require two years (a minimum of 48 upper division credits) of 300 and 400 level upper-division coursework to finish.

### **Technology-Based Programs**

Distance education programs listed under this category are delivered primarily using distance learning technologies. In some cases, programs may require brief residencies on the main campus for orientations, assessment, etc. Technologies used to deliver distance education at NMSU include:

- Blackboard Course Edition 8 (Online Tools): Enables an instructor to integrate the Internet into delivery of a course.
- Collaboration Tool: A synchronous web delivery solution for conducting virtual or "live" classroom events through the Web.
- NMSU Media Services: Provides course delivery through cable television, satellite, teleconferencing, and more.

Courses may use a "blended approach" to instruction integrating two or more types of technologies above to promote engaging and effective learning.

### **Bachelor's Degree Completion Programs**

Bachelor of Arts (BA) in Sociology  
Bachelor of Business Administration (General Business and Marketing)  
Bachelor of Community Health  
Bachelor of Criminal Justice  
Bachelor of Information and Communication Technology  
Bachelor of Science in Hotel, Restaurant, and Tourism Management  
Bachelor of Science in Nursing (R.N. to B.S.N.)

### **Off-Site/Extension Programs**

Distance education programs listed under this category are delivered primarily face-to-face at off-site/extension locations. Often, these courses will enhance instruction and learning with technology. Programs are located at NMSU two-year and Albuquerque Center campuses, as well as other locations throughout the state. The degree completion programs below are available at one or more off-site/extension locations.

### **Bachelor's Degree Completion Programs**

- Bachelor of Science (BS) in Elementary Education
- Bachelor of Science in Nursing (BSN)

### **Applying NMSU Grants Degrees and Credit towards Bachelor's Degree Programs**

Many NMSU Grants courses apply toward Bachelor's degree programs at NMSU and other universities. When planning to transfer, it is best to consult with advisers at both NMSU and the university you have chosen.

The following programs offered at NMSU Grants articulate with bachelor's degree programs at NMSU.

- **Associate of Arts Degree** to all departments in the NMSU College of Arts and Sciences
- **Associate of Science Degree** to all departments in the NMSU College of Arts and Sciences
- **Criminal Justice** to the Department of Criminal Justice in the NMSU College of Arts and Sciences
- **Early Childhood and Education programs** to the NMSU College of Education
- **Pre-Business** to all departments in the NMSU College of Business
- **Social Services** to the College of Health and Social Services & College of Arts & Sciences
- **Computer Technology** to the NMSU Information and Communication Technology Department, College of Engineering.

- **Other Associate and Associate of Applied Science degrees** to the College of Extended Learning

### **College of Extended Learning**

#### **Bachelor of Applied Studies**

#### **Bachelor of Individualized Studies**

The College of Extended Learning extends New Mexico State University's reach beyond traditional campuses, classrooms, and academic programs to provide a wide range of educational opportunities for students to meet their academic, professional, and personal learning goals. The College of Extended Learning also provides educational and partnership opportunities for faculty and staff in the University community through training, networking, and mentoring.

The College of Extended Learning offers:

- Flexible degree programs in the Bachelor of Applied Studies and the Bachelor of Individualized Studies, giving students the opportunity to develop their own interdisciplinary studies program, appropriate to their unique educational and career goals.
- Distance education degree programs and courses for students unable to attend an NMSU campus
- Weekend courses for students unable to attend Las Cruces campus classes during the week
- Media Technology communication services for administrators, faculty, staff, and students

The College of Extended Learning is located in Milton Hall, room 185.

Contact by calling (575) 646-8231 or (800) 821-1574, or <http://extended.nmsu.edu/>

For additional information on the upper division requirements to complete a bachelor's degree, contact the Distance Education Coordinator at NMSU Grants or the specific College at NMSU Las Cruces for advising.

## COURSE DESCRIPTIONS

Courses are listed with the following format:

ART 260. Painting .....3 cr. (2+4P)

The prefix of the course—ART—indicates the subject or department (in this case Art). The first digit in the course number of ART 260 is 2, which indicates that the course is a sophomore-level course. The next two digits (60) indicate the course sequence. The 3 cr. indicates that the course is a 3-credit course. The (2+4P) means that the class meets for two hours per week for recitation or lecture and also requires 4 hours per week of "practice" (laboratory, field work, or other activities).

Course numbers indicate the class rank:

100–199 are Freshman-level courses

200–299 are Sophomore-level courses

The letter N is added as a suffix to the course number when the course credits are not applicable to the baccalaureate and specified associate degrees.

The letter "G" is added as a suffix to the course number when the course meets General Education common core requirements for transfer to other New Mexico institutions of higher education, as established by the New Mexico Higher Education Department. (Note that some other courses without a "G" also meet transfer requirements.)

### A S—Arts and Sciences

A S 200. Interdisciplinary Topics ..... 1–4 cr.  
An interdisciplinary approach to subject matter cutting across departmental fields. Specific subjects to be announced in the Schedule of Classes.

### ACCT—Accounting

ACCT 200. A Survey of Accounting.....3 cr.  
Emphasis on financial statement interpretation and development of accounting information for management. For engineering, computer science, and other non-business majors. Prerequisite: one C S course or consent of instructor. Community Colleges only.

ACCT 251. Management Accounting ..... 3 cr.  
Development and use of accounting information for management decision making.

ACCT 252. Financial Accounting .....3 cr.  
Interpretation and use of financial accounting information for making financing, investing, and operating decisions. Prerequisite: ACCT 251 strongly suggested.

### AG E—Agricultural Economics

AG E 250G. Life with Microcomputers .....3 cr.  
Provides appreciation of the microcomputer in all areas of life. Applications to informational analysis in a wide variety of social, business, and technological situations are presented using presentation packages, web page design, electronic spreadsheets, and database systems. Emphasis is on fundamental understanding of how to apply software. Place of the computer in the "larger picture" is emphasized.

### ANTH—Anthropology

ANTH 116. Native Peoples of the American Southwest ..... 3 cr.  
Introduction to the early history and culture of native people of the Southwest.

ANTH 125G. Introduction to World Cultures .....3 cr.  
Introductory survey of anthropological studies of human thought and behavior in different world cultures, covering social, cultural, economic, political, and religious practices and beliefs.

ANTH 201G. Introduction to Anthropology .....3 cr.  
Exploration of human origins and the development of cultural diversity. Topics include biological and cultural evolution, the structure and functions of social institutions, belief systems, language and culture, human-environmental relationships, methods of prehistoric and contemporary cultural analysis, and theories of culture.

ANTH 202G. Introduction to Archaeology and Physical Anthropology .....3 cr.  
Provides an introduction to the methods, theories, and results of two subfields of anthropology: archaeology and physical anthropology. Archaeology is the study of past human cultures. Physical anthropology is the study of human biology and evolution.

ANTH 203G. Introduction to Language and Cultural Anthropology .....3 cr.  
Provides an introduction to the methods, theories, and results of two subfields of anthropology: linguistics and cultural anthropology. Linguistics is the study of human language. Cultural anthropology is the study of the organizing principles of human beliefs and practices.

## ART—Art

ART 101G. Orientation in Art.....3 cr.  
A multicultural examination of the principles and philosophies of the visual arts and the ideas expressed through them.

ART 110G. Visual Concepts .....3 cr. (2+4P)  
Introduction to the philosophies of art, visual thinking, and principles of visual organization. Designed to give students a broad view of aesthetic traditions, ideologies, and techniques basic to the creation and evaluation of art. Principles and concepts are taught in a common lecture and applied in parallel small studio sections. For non-art majors only.

ART 150. Drawing I.....3 cr. (2+4P)  
Introduction to the skill of seeing through exercises that emphasize careful drawing from the still life and utilize a range of drawing materials and techniques. Outside assignments required.

ART 151. Drawing II.....3 cr. (2+4P)  
Continued emphasis on drawing from observation by focusing on still life and other subject matter. Covers a range of materials, techniques and concepts. Outside assignments. Prerequisites: ART 150, or consent of instructor. Restricted to majors.

ART 155. 2-D Fundamentals.....3 cr.  
Introduction to two-dimensional space emphasizing visual design principles as elements and they apply to composition. A variety of materials are used in the studio projects and sketchbook exercises. Developing knowledge in vocabulary, color theory and skill in translating ideas into design are encouraged.

ART 156. 3-D Fundamentals.....3 cr.  
Compositional organization of three-dimensional space explored through a broad range of visual exercises. Resourceful and creative problem solving encouraged.

ART 160. Computer-Based Illustration 3 cr. (2+4P)  
Introduction to the principles of computerized drawing and design. Using the basic concepts, drawing tools, and vocabulary of Adobe Illustrator. Prerequisite: ART 150, ART 155, or consent of instructor.

ART 161. Digital Imaging I.....3 cr. (2+4P)  
Work with basic concepts, tools, and vocabulary of Adobe Photoshop to create effective visual communication. Includes selection tools, cloning,

copying, and pasting, color correction, image restoration, filters, and special effects. Community Colleges only.

ART 165. Web Page Design.....3 cr. (2+4P)  
Introduction to the creation of well-designed and organized Web sites. Emphasis on building creative but functional user-friendly sites. Introduction to HTML, Flash, Java Script, and Web-authoring software. Prerequisite: ART 161. Community Colleges only. Same as OEPT 165.

ART 250. Drawing III .....3 cr. (2+4P)  
Introduction to intensive drawing from the figure with a focus on observation. Outside assignments may be required. Prerequisite: ART 151 (for art majors), or ART 155.

ART 252. Aspects of Drawing .....2–3 cr.  
Continued work in drawing with emphasis on personal creative endeavor. Prerequisites: ART 150, ART 151, and ART 250. Community Colleges only.

ART 255. Introduction to Graphic Design and Digital Media.....3 cr. (2+4P)  
Introduction to the principles of visual communication and digital media, with an emphasis on the creation of graphic form and style. Prerequisite: ART 156 for art majors.

ART 256. Introduction to Letter Forms and Typographic Design.....3 cr. (2+4P)  
Introduction to letter forms, typography, and identity marks. Projects produced using conventional and digital graphic designer tools.

ART 260. Painting I.....3 cr. (2+4P)  
Introduction to basic skills of painting through various exercises that emphasize working from observation.

ART 261. Painting II .....3 cr. (2+4P)  
The investigation of formal aspects of painting, an examination of painting techniques, and an exploration of various methodologies regarding form and content as applied to critical thinking skills through medium of paint. Prerequisite(s): ART 150, ART 260.

ART 262. Aspects of Painting ..... 2-3 cr.  
Varied painting media: continued development of painting skills. Prerequisites: ART 150, ART 155 & 156 (for art majors), ART 260, or consent of instructor.

ART 265. Sculpture I, A—Introduction to Sculpture: Process and Possibility .....3 cr. (2+4P)

A series of interpretative assignments incorporating such processes as mold making, welding, and woodworking. Creative problem solving and visual thinking skills emphasized. Examples of contemporary sculpture regularly presented and discussed.

ART 270. Photography I .....3 cr. (2+4P)  
Introduction to basic skills required for shooting, processing, and printing black and white photographs. Introduction to historical and contemporary photographers and critical issues of the medium. Prerequisite: ART 156 for art majors.

ART 271. Large Format Photography  
and Lighting.....3 cr. (2+4P)  
Introduction to the 4x5 view camera, medium format cameras, Zone System, and artificial lighting. Emphasis on refinement of technical process and critical thinking. Prerequisite: ART 156, and 270. Restricted to majors.

ART 275. Ceramics I,A .....3 cr. (2+4P)  
Introduction to clay arts. Techniques of hand building, wheel throwing, and glazing. Prerequisite: ART 156 (for art majors), or consent of instructor.

ART 276. Ceramics I, B .....3 cr. (2+4P)  
Beginning ceramics, complementary half to ART 275 (ART 275 and ART 276 do not need to be taken consecutively). Basic building techniques of coil, slab, and throwing are introduced. High-fire and low-fire clays are used. Prerequisite: ART 156 (for art majors), or consent of instructor.

ART 285. Metals and Jewelry I.....3 cr. (2+4P)  
Fundamental processes and design necessary for metal fabrication of jewelry, functional and nonfunctional objects. Prerequisites: ART 153 or ART 156 (for art majors), or consent of instructor.

ART 286. Stained Glass .....3 cr. (2+4P)  
Instruction in the fundamental fabrication and design techniques for stained glass. Introduction to visual decision making skills, historical, and critical issues of the medium. Community Colleges only.

ART 294. Special Topics in Studio ..... 1–3 cr.  
Specific subjects and credits to be announced in the Schedule of Classes. No more than 9 credits toward a degree. Prerequisite: consent of instructor.

#### **ASTR—Astronomy**

ASTR 105G. The Planets .....4 cr.(3+2P)

Comparative study of the planets, moons, comets, and asteroids which comprise the solar system. Emphasis on geological and physical processes which shape the surfaces and atmospheres of the planets. Laboratory exercises include analysis of images returned by spacecraft. Intended for non-science majors, but some basic math required. This lecture/lab course satisfies the New Mexico Common Core Area III: Lab Sciences Requirement.

ASTR 110G. Introduction to  
Astronomy .....4 cr. (3+2P)  
A survey of the universe. Observations, theories, and methods of modern astronomy. Topics include planets, stars and stellar systems, black holes and neutron stars, supernovas and gaseous nebulae, galaxies and quasars, and cosmology. Emphasis on physical principles involving gravity, light, and optics (telescopes). Generally non-mathematical. Laboratory involves use of the campus observatory and exercises designed to experimentally illustrate principles of astronomy. This lecture/lab course satisfies the New Mexico Common Core Area III: Lab Sciences requirement.

#### **BCS—Business Computer Systems**

BCIS 110G. Introduction to Computerized  
Information Systems.....3 cr.  
Computerized information systems, their economic, and social implications. Introduction to microcomputer hardware, personal productivity software, and communications.

#### **BIOL—Biology**

BIOL 101G. Human Biology .....3 cr.  
Introduction to modern biological concepts. Emphasis on relevance to humans and their relationships with their environment. Cannot be taken for credit after successful completion of BIOL 111G or BIOL 211G. Co-requisite: BIOL 101L.

BIOL 101L. Human Biology Laboratory ..... 1 cr. (3P)  
Laboratory for BIOL 101G. Laboratory experiences and activities exploring biological concepts and their relevance to humans and their relationship with their environment. Co-requisite: BIOL 101G.

BIOL 110G. Contemporary Problems  
in Biology .....4 cr. (3+3P)  
Fundamental concepts of biology will be presented using examples from relevant problems in ecology, medicine and genetics. For non-science majors only. Community Colleges only.

BIOL 111G. Natural History of Life .....3 cr.  
Survey of major processes and events in the genetics, evolution, and ecology of microbes, plants and animals, and their interactions with the environment. Appropriate for non-science majors. Must be taken with BIOL 111GL to meet general education requirements.

BIOL 111GL. Natural History of Life  
Laboratory ..... 1 cr. (3P)  
Laboratory experiments, demonstrations and exercises on interrelationships among organisms, biodiversity, processes of evolution, and interaction of organisms and their environment. Co-requisite: BIOL 111G.

BIOL 154. Introductory Anatomy and Physiology .....4 cr. (3+3P)  
Survey of human structure and function (does not replace BIOL 190, BIOL 111G, or BIOL 211G as a prerequisite for advanced courses in biology). Community Colleges only. Offered on demand only.

BIOL 190. Principles of Biology .....3 cr.  
Principles of metabolism, genetics, physiology, evolution, and ecology. A background in chemistry is strongly recommended. For non-majors only. Offered on demand only.

BIOL 201. The Local Environment .....4 cr. (3 + 3P)  
Introduction to the organisms, ecosystems, landscapes and environments of the surrounding area; field and laboratory studies of organisms and their environment; interaction of humans with other organisms and the environment from prehistory to present. Community Colleges only. Offered on demand only.

BIOL 211G. Cellular and Organismal Biology .....3 cr.  
Principles of cellular structure and function, genetics, and physiology of microbes, plants, and animals. Suitable for non-majors with sufficient chemistry. Must be taken with BIOL 211GL to meet general education requirements. Co-requisite: either CHEM 110G or CHEM 111.

BIOL 211GL. Cellular and Organismal Biology Laboratory ..... 1 cr. (3P)  
Laboratory demonstrations, experiments and exercises on molecular and cellular biology and organismal physiology. Must have passed BIOL 211G or be concurrently enrolled in BIOL 211G and BIOL 211GL. Co-requisite: either CHEM 110G or CHEM 111.

BIOL 219. Public Health Microbiology .....3 cr.  
The characteristics of pathogenic microorganisms and the diseases that they cause. Will not meet the microbiology requirements for biology or medical technology majors. Prerequisite: BIOL 211G and BIOL 211GL. Offered on demand only.

BIOL 221. Introductory Microbiology .....3 cr.  
Principles of isolation, taxonomy, and physiology of microorganisms. Prerequisite: CHEM 112 or equivalent. Co-requisite: BIOL 221L. Community Colleges only.

BIOL 221L. Introductory Microbiology Laboratory ..... 1 cr. (3P)  
A laboratory course to accompany BIOL 221 or BIOL 219.. Prerequisite: BIOL 221 or BIOL 219 or concurrent enrollment.

BIOL 222. Zoology .....3 cr. (2 + 3P)  
Structure, function, and survey of animals. Prerequisite: BIOL 111G and BIOL 111GL, or BIOL 190, and at least sophomore standing. Community Colleges only.

BIOL 225. Human Anatomy and Physiology I .....4 cr. (3+3P)  
The first in a two-course sequence that covers the structure and function of the human body, including terminology of the human gross anatomy, chemistry overview, cell structure, cell physiology (including DNA, protein synthesis and cell division). The organization of cells and tissues and their metabolic and homeostatic processes and regulation are also covered. Physical and chemical operation of organs and systems of the human body include the integumentary skeletal muscular and nervous systems. Community Colleges only.

BIOL 226. Human Anatomy and Physiology II .....4 cr. (3+3P)  
The second in a two-course sequence that covers the structure and function of the human body. Includes the physical and chemical operation of the organs and systems of the human body, including endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary and reproduction system. Concepts of nutrition, metabolism, energy, fluid and electrolyte balance, heredity, pregnancy and human embryonic and fetal development are also covered. Prerequisite: BIOL 225. Community Colleges only.

BIOL 250. Special Topics ..... 1-3 cr.

Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 6 credits. Community Colleges only.

**BLAW—Business Law, Department of Finance**

BLAW 230. Business Law .....3 cr.  
Introduction to law in general and application to business specifically; comprehensive study of the law of contracts; and the principal and agent relationship. Offered at all NMSU Community Colleges except Dona Ana Branch Community College. Credit may not be earned in both BLAW 230 and BLAW 317.

**BMGT—Occupational Education, Business**

*Offered at Community Colleges only*

BMGT 110. Introduction to Business.....3 cr.  
Terminology and concepts of the business field. Role of accounting, computers, business management, finance, labor, and international business in our society. Restricted to: Community College campuses only.

BMGT 201. Work Readiness and Preparation .....2 cr.  
Instruction in methods of selection, seeking, acquiring, and retaining employment. Addresses work success skills, business etiquette, employer expectation, and workplace norms. Restricted to: Community College campuses only.

BMGT 210. Marketing .....3 cr.  
Role of marketing in economy, types of markets, product development, distribution channels, pricing, promotion of goods, market research, consumer motivation, and management of marketing process. Prerequisite: BMGT 110. Restricted to Community College campuses only.

BMGT 216. Business Math .....3 cr.  
Application of basic mathematical procedures to business situations, including percentage formula applications, markup, statement analysis, simple and compound interest, and annuities. Prerequisite: CCDM 103N or satisfactory math score on ACT. Restricted to Community College campuses only.

BMGT 221. Cooperative Experience I.....1–3 cr.  
Student employed in approved work site; supervised and rated by employer and instructor. Each credit requires specified number of hours of on-the-job work experience. Prerequisite: consent of instructor. Restricted to BMGT majors. Graded S/U.

BMGT 232. Personal Finance .....3 cr.

Budgeting, saving, credit, installment buying, insurance, buying vs. renting a home, income tax statement preparation, investment, and estate disposal through will and trust. Restricted to Community College campuses only.

BMGT 240. Human Relations .....3 cr.  
Human interactions in business and industrial settings. Motivation and learning experiences as related to problems of the worker and supervisor. Practical applications of human behavior. Prerequisite: CCDE 105N or higher, or BOT 105 or higher. Restricted to: Community College campuses only.

**BUSA—Business Administration and Economics**

BUSA 111. Business in a Global Society .....3 cr.  
Overview of the global environment of business and the development of business as an integrative, cross-disciplinary activity. Prerequisite: BCS 110G or C S 110 or concurrent enrollment.

**C EP—Counseling and Educational Psychology**

C EP 110G. Human Growth and Behavior .....3 cr.  
Introduction to the principles of human growth and development throughout the life span.

C EP 210. Educational Psychology .....3 cr.  
Psychological foundations as they apply to the learner in the classroom setting.

C EP 299. Academic Excellence Classes .....1–6cr.  
Academic curriculum of excellence that includes the development of collaborative learning and student success environment, learning diverse learning styles and multiple intelligences, and developing multi-contextual academic communication styles.

**C J—Criminal Justice**

C J 101G. Introduction to Criminal Justice .....3 cr.  
Examination of crime and justice within the broader social and cultural context of U.S. society from interdisciplinary social science perspectives. Includes critical analysis of criminal justice processes and the ethical, legal, and political factors affecting the exercise of discretion by criminal justice professionals.

C J 199. Special Topics in Criminal Justice .....1–3 cr.

Specific subjects to be announced in the Schedule of Classes. May be repeated under different topics for a maximum of 6 credits.

C J 205. Criminal Law I .....3 cr.  
Rules, principles, and doctrines of criminal liability in the United States. The historical development, limits, and functions of the substantive criminal law.

C J 206. Criminal Law II .....3 cr.  
Legal problems associated with the investigation of crime. Commencement of criminal proceedings, prosecution and defense of charges, sentencing and appeal. Prerequisite: C J 205. Community Colleges only. (Note: students completing C J 206 may not take C J 306.)

C J 210. The American Law Enforcement System .....3 cr.  
Historical and philosophical foundations of law and order. An in-depth examination of the various local, state, and federal law enforcement agencies.

C J 221. Fundamentals of Criminal Investigation .....3 cr.  
Investigation procedures from crime scene searches, collection of evidence, and case preparation. Community Colleges only. (Note: students completing C J 221 may not take C J 321.)

C J 230. Introduction to Corrections.....3 cr.  
Development of correctional philosophy, theory, and practice. Institutional and non-institutional alternatives available in the corrections process.

C J 250. Courts and the Criminal Justice System .....3 cr.  
Structures and functions of American courts. Roles of attorneys, judges, and other court personnel; operation of petit and grand juries, trial and appellate courts.

C J 293. Field Experience in Criminal Justice ..... 3 or 6 cr.  
Field experience in a public criminal justice agency or equivalent private sector organization. Supervised internship experience, conferences, and observations. Prerequisites: C J 101G, prior arrangement and consent of instructor and a GPA or a 2.0 or better in major. Restricted to majors. Community Colleges only.

### **C S—Computer Science**

C S 110. Computer Literacy .....3 cr.

Evolution and application of computers; economic and social implications; introduction to programming on microcomputers.

C S 187. Java Programming .....3 cr. (2+2P)  
Programming in the Java language. Prerequisite: 121G. Same as BCS 122.

C S 209. Special Topics..... 1–3 cr.  
May be repeated for a maximum of 12 credits.

### **CCDE—Community College Developmental English**

*Offered at Community Colleges only*

CCDE 105N. Effective Communication Skills .....4 cr. (3+2P)  
Instruction and practice in basic communication, to include written and oral presentations. Develops thinking, writing, speaking, reading, and listening skills necessary for successful entry to college and university classes. Provides laboratory.

CCDE 110N. General Composition .....4 cr. (3+2P)  
Instruction and practice in preparation for college-level writing. Students will develop and write short essays. Provides laboratory. Prerequisite: CCDE 105N (C or better) or equivalent.

### **CCDL—Community College Developmental Language**

*Offered at Community Colleges only*

CCDL 101N. Basic Skills in English as a Second Language I .....4 cr. (3+2P)  
Developmental studies course for ESL students. Development of basic skills in speaking, listening, reading, and writing English as a second language with emphasis on speaking and listening. Pronunciation stressed. Course intended for U.S. citizens and residents who are non-native speakers of English. Prerequisite: English language screening or consent of instructor.

CCDL 103N. Basic Skills in English as a Second Language II .....4 cr. (3+2P)  
Continuation of CCDL 101N for ESL students. Course intended for U.S. citizens or residents who are non-native speakers of English. Prerequisite: English language screening or consent of instructor.

CCDL 105N. Intermediate Skills in English as a Second Language I .....4 cr. (3+2P)  
Intermediate level with emphasis on reading and writing. Grammar and syntax stressed. Course intended for U.S. citizens or residents who are non-

native speakers of English. Prerequisite: English language screening or consent of instructor.

CCDL 107N. Intermediate Skills in English as a Second Language II.....4 cr. (3+2P)  
Continuation of CCDL 105N. Course intended for U.S. citizens or residents who are non-native speakers of English. Prerequisite: English language screening or consent of instructor.

**CCDM—Community College  
Developmental Mathematics**

*Offered at Community Colleges only*

CCDM 100N. Mathematics Preparation for College Success.....1–4 cr.  
Mathematics skills course designed for college students with math skills insufficient for success in CCDM 103N. May be repeated for a maximum of 4 credits. RR applicable, for I/P individually paced sections only.

CCDM 103N. Pre-Algebra.....4 cr. (3+2P)  
Fundamental mathematics operations and arithmetic computations. Introduction to algebra and applied geometry. Provides laboratory and individualized instruction. Prerequisite: C or better in CCDM 100N or adequate placement in the College Placement Test. RR applicable for individually paced section only.

CCDM 112N. Developmental Algebra I.....4 cr. (3+2P)  
Fundamental algebra operations, variable expressions, solving linear equations, applications of linear equations, polynomials and factoring. Provides laboratory and individualized instruction. Prerequisite: grade of C or better in CCDM 103N or adequate placement in the College Placement Test. RR applicable in individually paced section only.

CCDM 113N. Developmental Algebra II .....4 cr. (3+2P)  
Continuation of CCDM 112N. Completion of CCDM 113N meets basic skills requirement. Prerequisite: grade of C or better in CCDM 112, adequate placement in the College Placement Test, or consent of instructor. RR applicable in individually paced section only.

CCDM 114N. Algebra Skills.....4 cr. (3+2P)  
Fundamental algebra operations: algebraic expressions, solving linear equations, factoring, radicals, exponents. Provides laboratory and individualized instruction. Prerequisite: C or better in CCDM 103N or adequate placement in the College

Placement Test. RR applicable in the individually paced section only.

**CCDS—Community College  
Developmental Studies**

*Offered at Community Colleges only*

CCDS 104N. Comprehensive Reading Development.....4 cr. (3+2P)  
Integration of basic reading skills, including vocabulary development, text comprehension, and critical reading skills. RR applicable.

CCDS 108N. Effective Reading.....4 cr. (3+2P)  
Instruction and practice of skills and strategies for effective reading at the college level. Designed to incorporate applied skill practice lab activities. RR applicable.

CCDS 109N. Study Skills for Reading.....1–3 cr.  
Individualized reading skill strategies necessary for success in college classroom. May be repeated for a maximum of 3 credits. Graded traditional or S/U.

CCDS 113N. Study Skills for English.....1–3 cr.  
Individualized study skill strategies necessary for success in the composition classroom. May be repeated for a maximum of 3 credits.

**CHEM—Chemistry**

CHEM 100. Basic Chemistry .....3 cr.  
For students whose preparatory science or math training has been deficient. Does not meet the chemistry requirement in any curriculum. Prerequisite: Enhanced ACT composite score of at least 18 or a grade of C or better in CCDM 114N. Offered on demand only.

CHEM 110G. Principles and Applications of Chemistry .....4 cr. (3+3P)  
A survey of the properties and uses of the elements and their compounds. In addition to classical chemistry, attention is paid to the materials from which consumer products are made, to the production of energy, and to environmental considerations. Prerequisite: 3 years of high school math or CCDM 114N.

CHEM 111. General Chemistry I.....4 cr. (3+3P)  
Descriptive and theoretical chemistry. Prerequisites: (1) grade of C or better in MATH 120 or a Mathematics Placement Exam Score adequate to enroll in mathematics courses beyond MATH 120; and (2) one of the following: B or better in a second

semester high school chemistry course, or grade of at least C in CHEM 100, or an enhanced ACT score of at least 22. CHEM 111/112 is General Education alternative to CHEM 110G.

CHEM 112. General Chemistry II.....4 cr. (3+3P)  
Descriptive and theoretical chemistry. CHEM 111/112 is General Education alternative to CHEM 110G.

CHEM 210. Chemistry for Allied Health Sciences.....3 cr.  
Discussion and application of the established facts and concepts of general organic chemistry and biochemistry to acquire a molecular understanding of a variety of health related issues, from atmospheric ozone holes to human nutrition. Prerequisite: CHEM 110G or CHEM 111, or B or better in 1 year of high school chemistry. Offered on demand only.

CHEM 211. Organic Chemistry .....4 cr. (3+3P)  
A one-semester survey for students requiring a brief coverage of important classes of organic compounds. Prerequisite: CHEM 112 or CHEM 114. Offered on demand only.

**CMT—Creative Media Technology**  
*Offered at Community Colleges only*

CMT 100. Introduction to Visual Communications.....3 cr.  
Overview of the process of creating a digital product from conception to final implication. Incorporates basic principles of art and design, typography, layout, color, imagery logos and advertising basics.

CMT 110. Introduction to Web Design.....1 cr.  
Basics of creating a web presence for digital portfolios for personal use.

CMT 120. Introduction to Creative Media.....3 cr. (2+2P)  
Exploration and discovery of the creative processes through art, music, theater, narrative, and other avenues.

CMT 130. Introduction to Web Design 3 cr. (2+2P)  
Introduction to web development techniques, theory, and design. Incorporates HTML and industry-standard web editing software in developing various web sites. Community Colleges only.

CMT 135. Introduction to 3D Computer Animation.....3 cr. (2+4P)  
Learning to work in a 3D environment. Introduction to the basics of modeling, dynamics, and rendering. Working with polygons, NURBS and subdivisions,

and editing in multiple interfaces. May be repeated for a maximum of 6 credits.

CMT 140. Print Media I..... 3 cr. (2+2P)  
Creation and design of publications and presentation materials using page layout software. May be repeated for a maximum of 6 credits.

CMT 145. Image Processing I.....3 cr. (2+2P)  
Creation and designing of digital graphics using a raster or bitmap program for use in print, multimedia, video, animation and web. May be repeated for a maximum of 6 credits.

CMT 146. Digital Foundations.....4 cr. (2+4P)  
Accelerated course covering concepts and techniques of industry-stand raster and vector graphics programs with focus on design and application. May be repeated for a maximum of 8 credits

CMT 150. 2D Animation.....3 cr. (2+2P)  
Concepts and techniques in storyboarding and creating 2D animations for video, web, and multimedia. May be repeated for a maximum of 6 credits.

CMT 155. Selected Topics.....1-4 cr.  
Specific titles to be announced in the *Schedule of Classes*. May be repeated for a maximum of 18 credits. Same as OEGR 155.

CMT 170. History of Film: A Global Perspective.....3 cr.  
Explores the history of cinema from the earliest 19th century developments to the present digital video revolution in order for students to have a broader base of understanding of the tools and methodologies used in their craft.

CMT 180. Principles of Media Design.....3 cr. (2+2P)  
Techniques and theories of design principles, including layout foundations, logo building, type, color, and story-boarding and their applications to print, web, animation, and video. Prerequisites: CMT 142 or 146.

CMT 190. Digital Video Production I.....3 cr. (2+4P)  
Techniques and technology of digital video production equipment, artistic techniques and production applications. May be repeated for a maximum of 6 credits.

CMT 195. Digital Video Editing I.....3 cr. (2+2P)  
Aesthetics, storyboarding, and editing digital video using film-standard techniques and technology.

Working with multiple DV inputs and creating movies for C S, DVD, and web. May be repeated for a maximum of 6 credits.

CMT 205. Cinematography .....3 cr. (2+2P)  
Theory and techniques of visual design in cinematography and the aesthetics of lighting. Prerequisite: CMT 190. May be repeated for a maximum of 6 credits.

CMT 210. Digital Video Production II.....3 cr.  
Advanced techniques of the tools and applications of digital video production. Prerequisite: CMT 190. May be repeated for a maximum of 6 credits.

CMT 215. Digital Video Editing II .....3 cr. (2+2P)  
Advanced features of digital video, audio/music, and titling productions software are covered. Included are color correction, vector scopes, motion effects, and advanced editing techniques used by filmmakers. Prerequisite: CMT 195 or OEGR 210. May be repeated for a maximum of 6 credits.

CMT 221. Cooperative Experience ..... 1–3 cr.  
Student employed in approved work site; supervised and rated by employer and instructor. Each credit requires specified number of hours on-the-job work experience. Prerequisite: consent of instructor. Restricted to majors. Graded S/U. May be repeated for a maximum of 9 credits.

CMT 223. Media Production Services ..... 1–3 cr.  
A design studio environment in which students obtain real-world experience while providing service to college and non-profit associations with faculty supervision using a variety of media. Can be used with permission to fulfill cooperative requirement. Prerequisite: CMT 180 or ART 163. May be repeated for a maximum of 6 credits.

CMT 230. Web Design II 3 cr. (2+2P)  
Creating and managing well-designed, organized web sites using HTML and web development software. Prerequisite: CMT 145. May be repeated for a maximum of 6 credits. Same as OEGR 230. Community Colleges only

CMT 255. Special Topics ..... 1–4 cr.  
Specific topics to be announced in the Schedule of Classes. May be repeated for a maximum of 18 credits.

CMT 275. Advanced Web Techniques 3 cr. (2+2P)  
Creating and managing complex web sites using advanced techniques and tools. Prerequisites: CMT 145 and CMT 230. May be repeated for a maximum

of 6 credits.

CMT 292. Creative Media Studio..... 3 cr. (2+2P)  
A studio environment where students specialize in creating film-festival quality and portfolio-ready projects under the supervision of faculty. Prerequisites: CMT 190 and CMT 195 or CMT 160. May be repeated for a maximum of 6 credits.

CMT 295. Professional Portfolio Design and Development..... 1-3 cr.  
Personalized design and creation of the student's professional portfolio including hard-copy, demo reel, and online. Prerequisite: consent of instructor. May be repeated for a maximum of 6 credits. Same as OEGR 280.

CMT 298. Independent Study..... 1-3 cr.  
Individual studies directed by consenting faculty with prior approval of department head. Prerequisite: minimum GPA of 3.0 and sophomore standing. May be repeated for a maximum of 6 credits. Same as OEGR 298.

### **COLL—College Studies**

*Offered at Community Colleges only*

COLL 101. College/Life Success ..... 1–3 cr.  
Provides students with an opportunity to cultivate the skills, values, and attitudes necessary to become confident, capable students, and contributing community members. Topics include time management, memory techniques, relationships, health issues, money management, and college and community resources.

COLL 103. Managing Your Money ..... 1 cr.  
Principles and strategies for effective money management. Includes financial goal setting, both short and long term. Explores the relationship between career and income learning potential. Explores issues of credit and debt management and prevention of identity theft. Taught completely on-line via Blackboard CE8; a mini-semester course.

COLL 108. Academic Reading and Study Skills..... 1–4 cr.  
Introduction to and practice with strategies for effective reading and studying at the college level. Provides laboratory.

COLL 112. Academic Skills for General Science..... 1–3 cr.  
Emphasis on study skills; introduction of atoms, molecules, ions, bonding, measurements, calculations, formulas, physical and chemical

properties, cell structure, metabolism, fundamental laws, energy relationships, and laboratory techniques which are appropriate for studying any of the sciences. Prerequisite: consent of instructor.

COLL 115. Electronic Information Strategies.....1 cr. Development of information research skills for online searching and evaluation.

COLL 120. Career Exploration .....1 cr. Survey of careers possible with community college associate degrees. Information on how to make a career choice.

COLL 122. Introduction to Learning in an Electronic Environment.....1–3 cr. Extends methods of learning and thinking by using communication technology. Interaction with a wide range of electronic information. Focus on technical and student skills necessary for distance learning.

COLL 155. Special Topics .....1–4 cr. Covers specific study skills and critical thinking topics. Specific subtitles to be listed in the Schedule of Classes. May be repeated for a maximum of 8 credits.

COLL 185. Prior Learning: Professional Portfolio.....1–6 cr. Creating a portfolio that outlines professional and educational experiences. Life skills and education learned through workplace training and non-traditional education experiences will be evaluated for consideration of awarding college credit. Students will draft a life history paper, prepare a professional resume, assemble supporting documentation and evidence in support of their petition to receive college credit for prior learning. Culminating activities will include an oral presentation of the portfolio contents. Prerequisite: CCDE 110N or equivalent. Graded S/U.

COLL 201. Critical Thinking Skills .....3 cr. Introduction to critical thinking processes. Develops higher order thinking necessary to evaluate clearly, logically, and accurately one's academic and life experiences. Practical emphases on assertive thinking and perspectives. Prerequisite: placement scores for CCDE 110N or higher.

### COMM—Communication Studies

COMM 253G. Public Speaking.....3 cr. Principles of effective public speaking, with emphasis on preparing and delivering well-organized, logical, and persuasive arguments adapted to different audiences.

COMM 265G. Principles of Human Communication .....3 cr. Study and practice of interpersonal, small group, and presentational skills essential to effective social, business, and professional interaction.

### DANC – Dance

\*pending approval

DANCE 122 .....1 cr. Introduction to Latin social dance for non dance majors. Students will learn basic Latin dance technique and partnering work.

DANC 123. Ballet Technique I 1 .....

### DRFT- DRAFTING

DRFT 105. Technical Drawing for Industry.....3 cr. (2+2P) Technical sketching, basic CAD, and interpretation of drawings with visualization, speed and accuracy highly emphasized. Areas of focus include various trades such as machine parts, welding, heating and cooling, and general building sketches/plan interpretation.

DRFT 108. Drafting Concepts/Descriptive Geometry .....2 cr. (1+2P) Basic manual drafting skills, sketching, terminology and visualization. Graphical solutions utilizing applied concepts of space, planar, linear and point analyses. Metric and S.I. units introduced.

DRFT 109. Computer Drafting Fundamentals .....3 cr. (2+2P) Introduction to computer-aided drafting. Principles and fundamentals of drafting using the latest version of AutoCAD software. Same as C E 109, E T 109, SUR 109.

DRFT 114. Introduction to Mechanical Drafting/Solid Modeling .....3 cr. (2+2P) Students will learn 3-D visualization, mechanical drafting, and dimensioning skills as solid modeling skills are developed. Working drawings, assembly models, and assembly drawings will be introduced. May be repeated for a maximum of 6 credits. Co-requisite: DRFT 108.

DRFT 118. Geometry for Drafting .....3 cr. Analysis and problem solving of related technical problems using measuring instruments and techniques with geometry and trigonometry. Prerequisite: CCDM 103N or CCDM 104N.

DRFT 130. General Building Codes.....3 cr. (2+2P)  
Interpretation of the Building Code, local zoning codes, A.D.A. Standards and the Model Energy Code to study construction and design requirements and perform basic plan checking. Prerequisite: DRFT 130.

DRFT 135. Electronics Drafting I.....3 cr. (2+2P)  
Drafting as it relates to device symbols; wiring, cabling, harness diagrams and assembly drawings; integrated circuits and printed circuit boards; schematic, flow and logic diagrams; industrial controls and electric power fields. Drawings produced using various CAD software packages. Prerequisites: DRFT 108 and DRFT 109.

DRFT 143. Civil Drafting Fundamentals....3 cr. (2+2P)  
Introduction to drafting in the field of surveying and civil engineering. Drawings, projects, and terminologies related to topographic surveys/ mapping, contour drawings, plan and profiles, improvement plats and street/highway layout. Prerequisite: DRFT 109. Same as E T 143 and SUR 143.

DRFT 151. Construction Principles and Blueprint Reading.....4 cr. (4+2P)  
Introduction to construction materials, methods, and basic cost estimating and blueprint reading applicable in today's residential, commercial, and public works industry. Instruction by blueprint reading and interpretation, field trips, and actual job-site visits and progress evaluation. Same as OEBT 110, OEPB 110.

DRFT 160. Construction Take-Offs and Estimating .....3 cr. (2+2P)  
Computing and compiling materials and labor estimates from working drawings using various techniques common in general building construction and in accordance with standard specifications and estimating formats. Use of spreadsheets and estimating software introduced. Prerequisite: DRFT 151.

DRFT 176. Computer Drafting in 3-D.....3 cr. (2+2P)  
Computer drafting in three dimensions including wire frame, surface modeling, and solids modeling. Computer generated rendering with surface material applications and ray traced shadows will be introduced. Prerequisites: DRFT 108 and DRFT 109.

DRFT 180. Residential Drafting 3 cr.....(2+2P)  
Basic residential drafting including, floor plans, foundation plans, sections, roof plans, exterior and interior elevations, and site plans. Applicable residential building and zoning codes, construction methods and materials, adaptable residential design, and drawing and sheet layout for architectural drafting will be introduced.

DRFT 214. Advanced Mechanical Drafting/Solid Modeling.....3 cr. (2+2P)  
Advanced mechanical drafting/solid modeling techniques and topics will be studied using the student's software(s) of choice. Students will use any of the 3-D solid modeling software packages that are available on campus as they develop these skills, as well as develop a thorough working knowledge of the use of GD&T in Mechanical Drafting/Solid Modeling. Detailed class projects will be assigned, and presentations will be required. May be repeated for a maximum of 6 credits. Prerequisite: DRFT 114 or DRFT 176.

DRFT 222. Surveying Fundamentals.....3 cr. (2+2P)  
Elementary surveying and civil drafting theory and techniques for non engineering majors. Includes traverse plotting, site plans, mapping, cross sections, and development of plan and profile drawings. Actual basic field measurement/surveying as well as extensive manual and CAD projects will be assigned. Prerequisites: DRFT 108, DRFT 109, and DRFT 118 or MATH 180.

DRFT 230. Building Systems Drafting.....3 cr. (2+2P)  
Development of drawings for electrical, plumbing, and HVAC systems, for residential and commercial building. Use of related CAD software. Prerequisite: DRFT 180.

DRFT 240. Structural Systems Drafting/////4 cr. (2+4P)  
Study of foundations, wall systems, floor systems and roof systems in residential, commercial and industrial design/construction. Produce structural drawings including foundation plans, wall and building sections, floor and roof framing plans, shop drawings and details; schedules, materials lists and specifications. Use of various software. Prerequisite: DRFT 180 or DRFT 181..

DRFT 243. Land Development Drafting....3 cr. (2+2P)  
Advanced civil/survey technology and drafting related to land development. Emphasis is on relevant terminology codes/standards, and the production of complex working drawings such as subdivision plats, local utility and drainage plans, construction details roadway P P, etc., according to local development/agency standards. Prerequisite: DRFT 143 and DRFT 153.

DRFT 255. Independent Study.....1-3 cr.  
Instructor-approved projects in drafting or related topics specific to the student's individual areas of interest and relevant to the drafting and graphics technology curriculum. Consent of instructor required. May be repeated for a maximum of 6 credits.

DRFT 270. Architectural Sketching and Rendering  
.....3 cr. (2+2P)  
Use of freehand sketching, shading and shadowing techniques, 3-D models, and 1-point and 2-point perspectives in the development of architectural presentation drawings. Prerequisite: DRFT 108.

DRFT 276. Computer Rendering and Animation I  
.....3 cr. (2+2P)  
Introduction to technical applications of computer generated renderings and animations for the architecture and engineering fields. 3D models, photo-realistic renderings, and basic animation movie files will be produced utilizing industry standard modeling and animation software.

DRFT 278. Advanced CAD Applications....3 cr. (2+2P)  
Introduction to advanced Autodesk AutoCAD applications, usage techniques, user customization, and basic AutoLisp programming. Techniques for interfacing AutoCAD drawings into other software packages and presentations will be explored. Internet based research of alternative CAD software packages and solutions will be performed. Prerequisite: DRFT 109.

DRFT 288. Portfolio Development.....4 cr. (2+4P)  
Production of a portfolio consisting of student produced work related to individualized projects based on degree option. Completed portfolio to include, working and presentation drawings, material take-offs, cost estimates, specifications, 3D models, renderings, and technical animation files as assigned by the instructor. Job search and resume preparation activities will also be required. Consent of instructor required.

DRFT 290. Special Topics.....1-4 cr.  
Topics subtitled in the Schedule of Classes. May be repeated for a maximum of 12 credits.

DRFT 291. Cooperative Experience.....1-6 cr.  
Supervised cooperative work program. Student is employed in an approved occupation and supervised and rated by the employer and instructor. Student meets with advisor weekly. Prerequisite: consent of instructor. Graded S/U.

### **E S—Environmental Science**

E S 110G. Introductory Environmental Science.....4 cr. (3+1P)  
Introduction to environmental science as related to the production, remediation, and sustainability of land, air, water, and food resources. Emphasis on the use of the scientific method and critical thinking

skills in understanding environmental issues. Offered on demand only.

### **E ST—Experimental Statistics**

E ST 250. Special topics.....1-4 cr.  
Subjects and credits to be announced in the Schedule of Classes. Maximum of 4 credits per semester and a grand total of 9 credits.

E ST 251. Statistics for Business and the Behavioral Sciences.....3 cr.  
Techniques for describing and analyzing data; estimation, hypothesis testing, regression and estimation, basic concepts of statistical inference. Prerequisite: MATH 120. Same as STAT 251.

### **E T—Engineering Technology**

E T 106. Drafting Concepts/Computer Drafting Fundamentals I.....4 cr. (2+4P)  
Basic drafting skills, terminology, and visualization. Introduction to principles and fundamentals of computer-aided drafting. Prerequisite: OECS 125, OECS 207, or consent of instructor. Community Colleges only. Same as DRFT 112.

### **ECED—Early Childhood Education**

ECED 115. Child Growth, Development, and Learning.....3 cr.  
Biological-physical, social, cultural, emotional, cognitive, and language domains of child growth and development. The process of development and the adult's role in supporting each child's growth, development, and learning.

ECED 125. Health, Safety, and Nutrition.....2 cr.  
Sound health, safety, and nutritional practices to provide an emotionally and physically safe environment for young children in partnership with their families.

ECED 135. Family and Community Collaboration .....3 cr.  
Development of open, friendly, and collaborative relationships with each child's family, encouraging family involvement, and supporting the child's relationship with his or her family. The diverse cultures and languages representative of families in New Mexico's communities are honored. Prerequisites: ECED 115 and ENGL 111G.

ECED 215. Curriculum Development and Implementation I.....3 cr.  
Development of curriculum appropriate for the ages and development levels of children. Content includes, but is not limited to, the arts, literacy, mathematics, physical education, health, social studies, science, and technology. Prerequisites: ECED 115, ENGL 111G, and consent of instructor or two letters of recommendation from program faculty. Co-requisite: ECED 220. Restricted to majors.

ECED 220. Early Childhood Education Practicum I.....2 cr.  
Application of curriculum appropriate for the ages and development levels of children. Content includes, but is not limited to, the arts, literacy, mathematics, physical education, health, social studies, science, and technology. Prerequisites: ECED 115, ENGL 111G, and consent of instructor or two letters of recommendation from program faculty. Co-requisite: ECED 215. Restricted to majors.

ECED 225. Curriculum Development and Implementation II .....3 cr.  
Advanced development of curriculum appropriate for the ages and development levels of children. Content includes, but is not limited to: the arts, literacy, mathematics, physical education, health, social studies, science, and technology. Prerequisites: ECED 115, ENGL 111G, and consent of instructor or two letters of recommendation from program faculty. Co-requisite: ECED 230. Restricted to majors.

ECED 230. Early Childhood Education Practicum II .....2 cr.  
Advanced application of curriculum appropriate for the ages and development levels of children. Content includes, but is not limited to, the arts, literacy, mathematics, physical education, health, social studies, science, and technology. Prerequisites: ECED 115, ENGL 111G, and consent of instructor or two letters of recommendation from program faculty. Co-requisite: ECED 225. Restricted to majors.

ECED 235. Introduction to Reading and Literacy Development .....3 cr.  
Selection of developmentally appropriate materials and appropriate instructional methods for the development of reading and literacy in young children. Prerequisites: ECED 115 and ENGL 111G.

ECED 245. Early Childhood Education Professionalism.....2 cr.  
Development of integrity, responsibility, and ethical practices that demonstrate multicultural respect for all children and families.

ECED 255. Assessment of Children and Evaluation of Programs .....3 cr.  
Development of diverse assessment approaches, including observational skills. Prerequisites: ECED 115 and ENGL 111G. Same as SPED 255.

ECED 265. Guiding Young Children .....3 cr.  
Role of adults in guidance, effect of child development on guidance and development of pro-social behaviors using developmentally appropriate guidance strategies.

### **ECON—Economics**

ECON 201G. Introduction to Economics .....3 cr.  
Economic institutions and current issues with special emphasis on the American economy.

ECON 251G. Principles of Macroeconomics.....3 cr.  
Macroeconomic theory and public policy: national income concepts, unemployment, inflation, economic growth, and international payment problems.

ECON 252G. Principles of Microeconomics.....3 cr.  
Microeconomic theory and public policy: supply and demand, theory of the firm, market allocation of resources, income distribution, competition and monopoly, governmental regulation of businesses and unions.

ECON 290. Special Topics.....1–3 cr.  
Specifics subjects to be announced in the Schedule of Classes. May be repeated for unlimited credit under different subtitles. Community Colleges only.

### **EDUC—Education**

EDUC 181. Field Experience I.....1 cr.  
Introduction to public school teaching, school visits, classroom observations and discussion seminar.

EDUC 195. Individual Topics in Education .....1–3 cr.  
Supervised study in a specific area of interest. Each course shall be designated by a qualifying subtitle. May be repeated for a maximum of 9 credits.

EDUC 204. Foundations of Bilingual/ESL Education.....3 cr.  
Explore and review the historical, legal, philosophical, theoretical and pedagogical paradigms of bilingual/ESL education.

## **EMD—Educational Management and Development**

EMD 101. Freshman Orientation .....1 cr.  
Introduction to the university and to the College of Education. Discussion of and planning for individualized education program and field experience. Graded S/U.

EMD 250. Introduction to Education .....2 cr.  
An overview of the American education system with emphasis on organization, governance, law, demographics, and professional practice.

## **ENGL—English**

*Students wishing to enroll in ENGL 111G, Rhetoric and Composition, must receive departmental permission to do so. To obtain permission, a student must satisfy one of the following: (a) have an acceptable COMPASS English score, or (b) have passed an appropriate prerequisite college English course (CCDE 110N General Composition at NMSU Grants) with a C or better, or (c) have an ACT English score of 16 or higher.*

ENGL 111G. Rhetoric and Composition.....4 cr.  
Skills and methods used in writing university-level essays. Prerequisite: ACT standard score in English of 16 or successful completion of a developmental writing course or the equivalent.

ENGL 112. Rhetoric and Composition II.....2 cr.  
A continuation of English 111G for those desiring more work in composition. Weekly themes based on outside reading. Prerequisite: successful completion of ENGL 111G or the equivalent.

ENGL 115G. Perspectives on Literature .....3 cr.  
Examines literature by writers from culturally diverse backgrounds and from different cultural and historical contexts. Explores various strategies of critical reading.

## **ENGL—Advanced English Courses**

*Credit for English 111G is a prerequisite to every English course numbered 200 or above.*

ENGL 203G. Business and Professional Communication .....3 cr.  
Effective writing for courses and careers in business, law, government, and other professions. Strategies for researching and writing correspondence and reports, with an emphasis on understanding and responding to a variety of communication tasks with

a strong purpose, clear organization, and vigorous professional style.

ENGL 211G. Writing in the Humanities and Social Sciences .....3 cr.  
Theory and practice in interpreting texts from various disciplines in the humanities and social sciences. Strategies for researching, evaluating, constructing, and writing researched arguments. Course subtitled in the Schedule of Classes.

ENGL 218G. Technical and Scientific Communication .....3 cr.  
Effective writing for courses and careers in sciences, engineering, and agriculture. Strategies for understanding and presenting technical information for various purposes to various audiences.

ENGL 220G. Introduction to Creative Writing ....3 cr.  
Examines classic and contemporary literature in three genres. Various forms, terminologies, methods and technical aspects of each genre, and the art and processes of creative writing.

ENGL 240. Introduction to Literature .....3 cr.  
Intended primarily for non-English majors, courses will introduce poetry, fiction, and drama from a variety of periods. There will be some introduction of critical terminology and some attention to writing about literary works of art.

ENGL 242. Introduction to Shakespeare .....3 cr.  
Shakespeare's greatest plays, intended primarily for non-English majors. Focus on Shakespeare's treatment of universal and enduring themes, with emphasis upon learning to read and view the plays with enhanced understanding and appreciation.

ENGL 244G. Literature and Culture .....3 cr.  
Intensive reading of and discussion and writing about selected masterpieces of world literature. Emphasizes cultural and historical contexts of readings to help students appreciate literary traditions. Core texts include works by Homer, Dante, and Shakespeare, a classic novel, an important non-Western work, and modern literature.

ENGL 251. Survey of American Literature I .....3 cr.  
From the colonial period to the transcendentalists.

ENGL 252. Survey of American Literature II .....3 cr.  
From Whitman to the present.

ENGL 294. Introduction to Southwestern Literature .....3 cr.

Introduction to literature of the American Southwest.  
Prerequisite: ENGL 111G or concurrent enrollment.  
Community Colleges only.

ENGL 299. Special Topics .....1–3 cr.  
Emphasis on a literary and/or writing subject chosen  
for the semester. May be repeated under different  
subtitles.

### **FIN—Finance**

FIN 210. Financial Planning and Investments .....3 cr.  
Individual financial planning and related financial  
markets and institutions. Community Colleges only.

### **FREN—French**

FREN 111. Elementary French I .....4 cr.  
French language for beginners.

FREN 112. Elementary French II .....4 cr.  
French language for beginners. Prerequisite: C or  
better in FREN 111.

FREN 211. Intermediate French I .....3 cr.  
Speaking, reading, and writing. Prerequisite: C or  
better in FREN 112.

FREN 212. Intermediate French II .....3 cr.  
Speaking, reading, and writing. Prerequisite: C or  
better in FREN 211.

### **GEOG—Geography**

GEOG 109. The Atmosphere and  
Hydrosphere .....3 cr. (2+3P)  
Introduction to physical forces that shape the  
environment: Earth geometry and seasons; the  
atmosphere; components of weather and climate.  
Completion of both GEOG 109 and 110 will  
substitute for GEOG 111G. Community Colleges  
only.

GEOG 110. The Biosphere and  
Lithosphere .....3 cr. (2+3P)  
Introduction to physical forces that shape the  
environment: unique spatial characteristics of flora  
and fauna; soil development and classification;  
geomorphic processes and landform development.  
Completion of both GEOG 109 and 110 will  
substitute for GEOG 111G. Community Colleges  
only.

GEOG 111G. Geography of the Natural  
Environment .....4 cr. (3+3P)  
Introduction to the physical processes that shape the  
human environment: climate and weather, vegetation

dynamics and distribution, soil development and  
classification, and geomorphic processes and  
landform development.

GEOG 112G. World Regional Geography .....3 cr.  
Overview of the physical geography, natural  
resources, cultural landscapes, and current problems  
of the world's major regions. Students will also  
examine current events at a variety of geographic  
scales.

GEOG 120G. Culture and Environment .....3 cr.  
Study of human-environmental relations: how the  
earth works and how cultures impact or conserve  
nature. Introduction to relationships between people  
and natural resources, ecosystems, global climate  
change, pollution, and conservation.

GEOG 157. Introduction to Weather  
Science .....4 cr. (3+3P)  
An introduction to Earth's atmosphere and the  
dynamic world of weather as it happens working with  
current meteorological data delivered via the Internet  
and coordinated with learning investigations keyed to  
the current weather, and via study of selected  
archived real-world meteorological data.  
Prerequisites: ENGL 111G or concurrency, and C S  
110 or concurrency.

GEOG 205. Local Geography .....3 cr.  
Examination of interrelationships and spatial  
arrangements of landforms, climate, ecology and the  
human imprints of the local area. Community  
Colleges only.

GEOG 210. Orienteering .....2 cr.  
Map and compass navigation. Verification of correct  
navigation takes place by the use of encoded control  
points on the route. Same as P E 210.

GEOG 259. Introduction to  
Oceanography .....4 cr. (3+3P)  
Introduces the origin and development of the oceans,  
and marine ecological concepts. Examines physical  
processes such as waves, tides, and currents, and their  
impact on shorelines, the ocean floor, and basins.  
Investigates physical processes as they relate to  
oceanographic concepts. Includes media via the  
Internet, and laboratory examination of current  
oceanic data, as an alternative to the actual oceanic  
experience. Students will gain a basic knowledge and  
appreciation of the ocean's impact on the world's  
ecology. Prerequisites: C S 110 or concurrency, and  
ENGL 111G or concurrency.

GEOG 281. Map Use and Analysis.....3 cr. (2+3P)  
Introduction to map use and analysis. Emphasis on physical and cultural features.

GEOG 291. Special Topics.....1–3 cr.  
Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits.

GEOG 295. Environmental Geography.....4 cr.(3+3P)  
Examines the man-environment interface, detrimental effects on the environment, lessons learned, and theoretical measures. Prerequisites: ENGL 111G or concurrency, and C S 110 or concurrency.

### **GEOL—Geology**

GEOL 111G. Survey of Geology .....4 cr. (3+3P)  
Covers the fundamental principles of physical geology, including the origin of minerals and rocks, geologic time, rock deformation, and plate tectonics.

GEOL 205. Geology of Landforms .....3 cr.  
Examination of local landforms and their evolution; hydrology, lithology and volcanic activity of the local area. Emphasis on observation and geological interpretation. Community Colleges only.

GEOL 212G. The Dynamic Earth .....4 cr. (3+3P)  
Introduction to earth systems. Geology and the solid earth, geologic time and earth history, water and the world oceans, atmosphere and weather, the solar system. Community Colleges only.

GEOL 220. Special Topics.....1–3 cr.  
Specific subjects to be announced in the Schedule of Classes. Community Colleges only. May be repeated for a maximum of 12 credits.

GEOL 295. Environmental Geology .....3 cr.  
Earth processes that affect humans and their works, properties of rocks and soils, use and application of environmental geologic data.

GEOL 297. Historical Geology .....3 cr. (2+3P)  
Rocks of the Earth and the life records from a chronological approach. Prerequisite: GEOL 111G or the consent of instructor.

### **GOVT—Government**

GOVT 100G. American National Government....3 cr.  
U.S. constitutional system; legislative, executive and judicial processes; popular and group influence.

GOVT 110G. Introduction to Political Science....3 cr.  
This class covers fundamental concepts such as justice, sovereignty and power; political theories and ideologies; and government systems that range from democratic to authoritarian.

GOVT 150G. American Political Issues.....3 cr.  
Major contemporary problems of American society and their political implications.

GOVT 160G. International Political Issues.....3 cr.  
Current developments and issues in world politics.

### **HIST—History**

HIST 101G. Roots of Modern Europe.....3 cr.  
Economic, social, political, and cultural development from earliest times to about 1700.

HIST 102G. Modern Europe .....3 cr.  
Economic, social, political, and cultural development from 1700 to the present.

HIST 201G. Introduction to Early American History .....3 cr.  
History of the United States to 1877, with varying emphasis on social, political, economic, diplomatic, and cultural development.

HIST 202G. Introduction to Recent American History .....3 cr.  
History of the United States since 1877, with varying emphasis on social, political, economic, diplomatic, and cultural development.

HIST 261. New Mexico.....3 cr.  
Economic, political, and social development from exploration to modern times. Community Colleges only.

HIST 269. Special Topics.....1–3 cr.  
Specific subjects to be announced in the Schedule of Classes. Community Colleges only. May be repeated for a maximum of 12 credits.

### **HLS—Health Science**

HL S 100. Introduction to Health Science 1 cr.  
An overview of professional career opportunities in the realm of health science as well as the functional roles of practice, education, administration, and research. Some field trips will be required.

HL S 150. Personal Health and Wellness .....3 cr.  
A holistic and multi-disciplinary approach towards promoting positive lifestyles. Special emphasis is

placed on major problems that have greatest significance to personal and community health. Topics to include nutrition, stress management, fitness, aging, sexuality, drug education, and others.

**HNFS—Human Nutrition and Food Science**

HNFS 163. Nutrition for Health .....3 cr. Nutrition principles and applications to food choices that support health; psychological, economic, and cultural implications of food choices. Open to majors and non-majors.

HNFS 251. Human Nutrition.....3 cr. Principles of normal nutrition. Relation of nutrition to health. Course contains greater amount of chemistry and biology than HFNS 163. Open to non-majors. Offered on demand only.

**HOST—Occupational Education, Hospitality Services**

*Offered at Community Colleges only; \*Pending approval*

HOST 201. Introduction to Hospitality Industry.....3 cr. Overview of hospitality industry; organization and operation of lodging, food and beverage, and travel and tourism segments; focus on career opportunities and future trends of hospitality industry.

HOST 202. Front Office Operations.....3 cr. Hotel/motel front office procedures detailing flow of business, beginning with reservations and extending to the night audit process.

HOST 203. Food and Beverage Operations .....3 cr. Management of Food & Beverage facilities using cost control techniques. Functional training in menu analysis and development with all phases of product flow through a Food & Beverage organization explored

HOST 204. Promotion of Hospitality Services.....3 cr. Organization of hotel marketing functions; developing a marketing plan to sell the varied services of the hotel/motel property.

HOST 205. Housekeeping, Maintenance, and Security .....3 cr. Function of housekeeping departments, including personnel, sanitation, maintenance, and materials. A survey of security procedures to include guest protection and internal security of hotel/motel assets.

HOST 206. Travel and Tourism Operations.....3 cr. Transportation, wholesale and retail operations, attractions, the traveler, tourism development, and operational characteristics of tourism business.

HOST 208. Hospitality Supervision .....3 cr. Strategies for directing, leading, managing change and resolving conflict. Prepares students to meet expectations of management, guests, employees, and governmental agencies.

HOST 209. Managerial Accounting for Hospitality .....3 cr. Prepares students to make effective business decisions based on financial report information; forecasting, budgeting, cost analysis. Prerequisite: BOT 120 or ACCT 252.

HOST 217. Introduction to Gaming Operations.....3 cr. A survey of the history of gaming operations (especially Native American gaming), casino regulations, industry trends, and an overview of its impact on tourism. Consent of instructor required.

HOST 221. Cooperative Experience I .....3 cr. Student employed in approved work site; supervised and rated by employer and instructor. Each credit requires specified number of hours of on-the-job work experience. Prerequisite: consent of instructor. Restricted to majors. Graded S/U.

**JOUR—Journalism and Mass Communication**

JOUR 105G. Introduction to Mass Communications.....3 cr. Functions and organization of the mass media system in the United States; power of the mass media to affect knowledge, opinions, and social values; and the impact of new technologies.

JOUR 110. Introduction to Mass Media Writing .....3 cr. (2+2P) Covers preparation of copy for print, broadcasting, advertising, and public relations. Prerequisite: passage of GSP test or consent of instructor.

**LA—Laguna Acoma Studies**

*Offered at Community Colleges only*

L A 101. Introduction to Laguna/Acoma Studies .....3 cr. Covers geography, demography, institutions of modern Laguna and Acoma pueblos with historical overview.

## LIB—Library Science

LIB 101. Introduction to Research .....1 cr.  
A practical, hands-on, step-by-step introduction to the basics of university-level library research. Topics include the academic method, plagiarism, selection and use of information resources. (8-week course)

## LING—Linguistics

LING 200G. Introduction to Language .....3 cr.  
Traditional fields of language study (sound, grammar, meaning) and newer ones (language as social behavior, language and cognition, language variation, animal communication).

## MATH—Mathematics

*Students who expect to transfer to NMSU-Las Cruces should note that they must meet a basic skills requirement in English and mathematics before taking courses numbered above 299.*

The basic skills requirement in mathematics may be met by earning a grade of C or higher in both MATH 111 and MATH 112G, or in any lower-division mathematics course numbered 120 or above. For other options, see Basic Academic Skills in the General Information chapter.

A student may not receive credit for a lower-division mathematics course if it serves as a prerequisite to a lower-division math course that the student had previously passed with a grade of C or better.

NOTE: Students without an adequate placement score to enroll in MATH 111, MATH 120 or MATH 210G can gain admission to the course by earning a C or better in CCDM 114N at an NMSU community college. Students wishing to enroll in MATH 121G, 142G, 180, 191, 230, 235, 279, 280, or STAT 251 must satisfy one of the following: (a) have passed the stated prerequisite course with a C or better, or (b) have earned an adequate score on the COMPASS Mathematics Test, the results of which will be made available to the student's adviser.

MATH 107. Topics in Mathematics .....1–3 cr.  
Topics to be announced in the Schedule of Classes. Maximum of 3 credits per semester. Total credit not to exceed 6 credits. Prerequisite: consent of instructor. Community Colleges only.

MATH 111. Fundamentals of  
Elementary Mathematics I.....3 cr. (2+2P)  
Intuitive development of the arithmetic of real numbers. Counting numbers, number bases, integers, rational numbers, decimal representations, real numbers and the fundamental operations. Probability. Students may be required to earn a 90% or better on an arithmetic skills exam near the

beginning of the semester. Open to elementary and early childhood majors or to education majors with consent of instructor. Prerequisite(s): ENGL 111G and grade of C or better in MATH 120.

MATH 112G. Fundamentals of  
Elementary Mathematics II.....3 cr. (2+2P)  
Intuitive development of elementary geometry, measurement, and statistics. Prerequisite: C or better in MATH 111.

MATH 120. Intermediate Algebra .....3 cr.  
Linear and algebraic functions as they arrive in real world problems. Exponential and logarithmic functions. Equations and inequalities and their solutions considered symbolically, graphically, and numerically. Prerequisite: C or better in CCDM 114n or adequate score on placement test.

MATH 121G. College Algebra .....3 cr.  
Fundamental concepts of functions, including algebraic and graphical properties. Fitting functions to data. Finding zeroes and extreme values. Solving systems of equations. Prerequisite: C or better in Math 120 or adequate score on placement test.

MATH 142G. Calculus for the Biological  
and Management Sciences I .....3 cr. (2+2P)  
Differential calculus, maxima and minima. The definite integral and antiderivatives. Applications. Includes a writing component and overview of the historical development of calculus. Prerequisite: C or better in MATH 121G.

MATH 190G. Trigonometry and  
Precalculus.....4 cr. (3+2P)  
Elementary functions used in the sciences with emphasis on trigonometric functions and their inverses. Polar coordinates. Complex numbers and Euler's formula. Analytic geometry and vectors. Prerequisite: C or better in MATH 121G.

MATH 191G. Calculus and Analytic  
Geometry I.....3 cr.  
Algebraic, logarithmic, exponential, and trigonometric functions, theory and computation of derivatives, approximation, graphing, and modeling. May include an introduction to integration. Prerequisites: MATH.190G.

MATH 192G. Calculus and Analytic  
Geometry II .....3 cr.  
Riemann sums, the definite integral, antiderivatives, fundamental theorems, use of integral tables, numerical integration, modeling, improper integrals,

differential equations, series, Taylor polynomials.  
Prerequisite: MATH 191.

MATH 210G. Mathematics Appreciation .....3 cr.  
Mathematics and its role in the development and maintenance of civilization. Prerequisites: Credit for ENGL 111G or eligibility to enroll in ENGL 111H, high school algebra, and an adequate score on the Mathematics Placement Examination. (See note above.)

MATH 230. Matrices and Linear Programming .....3 cr.  
Linear algebra, linear programming and network models, with applications to the behavioral sciences. Prerequisite: C or better in MATH 121G.

MATH 279. Introduction to Finite Mathematics .....3 cr.  
Logic; sets, relations, and functions; introduction to mathematical proofs. Applications to computer science. Prerequisite: grade of C or better in MATH 190.

MATH 280. Introduction to Linear Algebra .....3 cr.  
Systems of equations, matrices, vector spaces and linear transformations. Prerequisite: grade of C or higher in MATH 142G, MATH 191, or MATH 235. Offered on demand only.

MATH 291. Calculus & Analytic Geometry III .....3 cr.  
Vector algebra, directional derivatives, approximation, max-min problems, multiple integrals, applications, cylindrical and spherical coordinates, change of variables. Prerequisite: grade of C or higher in MATH 192. Offered on demand only.

### **MGT—Management**

MGT. Introduction to Management.....3 cr.  
Covers the functioning and administration of different types of complex organizations. Concepts and theories of management and organizational behavior.

### **MUS—Music**

MUS 101G. An Introduction to Music .....3 cr.  
Introduction to music for the non-music major to encourage the enjoyment of listening to and understanding the world's great music from the past to the present.

MUS 201G. History of Jazz in Popular Music:  
A Blending of Cultures.....3 cr.  
Jazz in popular music as it relates to music history and the development of world cultures.

### **NAV—Navajo Studies**

*Offered at Community Colleges only*

NAV 101. Introduction to Navajo Studies.....3 cr.  
Covers geography, demography, institutions of modern Navajo society with historical overview.

NAV 111. Elementary Navajo I .....4 cr.  
Navajo for beginners with emphasis on speaking skills. Prerequisite: not open to Navajo-speaking students except by consent of instructor.

NAV 112. Elementary Navajo II .....4 cr.  
Navajo for beginners with emphasis on speaking skills. Prerequisite: C or better in NAV 111 or consent of instructor.

### **OEAT—Occupational Education, Automotive Technology**

*Offered at Community Colleges only*

OEAT 105. Welding.....4 cr. (2+4P)  
Set-up and adjustment of oxyacetylene and arc welding equipment, identification of metals and rod application. Skill development in laying weld beads and different weld positions.

OEAT 112. Basic Gasoline Engines.....5 cr. (2+6P)  
Principles of gasoline engine operation. Identification, design, function of engine components; engine disassembly and reassembly; trouble shooting, and rebuilding heads.

OEAT 117. Electronic Analysis and Tune-Up of Gasoline Engines .....5 cr. (2+6P)  
Theory and operation of ignition and emission control systems and fuel system. Use of troubleshooting equipment and diagnostic equipment. Prerequisite: OEAT 120 or consent of instructor.

OEAT 118. Technical Math for Mechanics.....3 cr. (2+3P)  
Mathematical applications for the automotive trade.

OEAT 119. Manual Transmission/  
Clutch .....5 cr. (2+6P)  
Manual transmission, transfer cases, and clutch operating principles. Students will diagnose problems, remove and replace, disassemble, repair, and assemble units.

OEAT 120. Electrical Systems .....4 cr. (2+4P)  
Troubleshooting and repair of starters, alternators, and associated circuits. Reading electrical diagrams, diagnosis and repair of electrical accessories. Prerequisite: consent of instructor.

OEAT 125. Brakes .....5 cr. (2+6P)  
Theory of operation, diagnosis, repair, and maintenance of disc and drum brakes; safety and use of special tools.

OEAT 126. Suspension, Steering, and Alignment .....5 cr. (2+6P)  
Types of steering systems, suspension maintenance and repair, four-wheel alignment procedures.

OEAT 127. Basic Automatic Transmission .....4 cr. (2+4P)  
Theory and operation of the automatic transmission; maintenance, troubleshooting, diagnosis, and repair of components.

OEAT 132. Automotive Air-Conditioning and Heating Systems .....4 cr. (2+4P)  
Theory and operation, reading schematic diagrams, troubleshooting, repair, and replacement operations performed.

OEAT 137. Fuel Systems and Emission Controls .....4 cr. (2+4P)  
Covers theory and operation of fuel system and emission control. Troubleshooting, vacuum diagrams, overhaul, repair and adjustment of carburetion and fuel injection. Prerequisites: OEAT 117 or consent of instructor.

OEAT 221. Cooperative Experience I .....1–6 cr.  
Supervised cooperative work program. Student is employed in an approved occupation and supervised and rated by the employer and instructor. Student will meet in a weekly class. Graded S/U. Prerequisite: consent of instructor.

OEAT 255. Special Problems in Automotive Technology 1-5 cr. Individual studies in areas directly related to automotive technologies. Prerequisite: consent of instructor. May be repeated for a maximum of 12 credits.

OEAT 295. Special Topics 1-6 cr.  
Topics to be announced in the Schedule of Classes.

## **OEBT—Occupational Education, Building Trades**

*Offered at Community Colleges only*

OEBT 100. Building Trades I .....8 cr. (2+12P)  
Equipment and general safety. Human relations, building construction surveying, footings, foundation form work, framing, sheathing, insulation. Basic electrical wiring and plumbing. Classroom instruction, on-the-job training, and problem solving.

OEBT 104. Woodworking Skills I .....3 cr. (1+4P)  
Use and care of hand tools and elementary power tools, safety procedures, and supervised project construction.

OEBT 105. Woodworking Skills II .....3 cr. (1+4P)  
Advanced woodworking skills to include use of advanced power tools, power tool safety, and supervised construction. Prerequisite: OEBT 104 or consent of instructor.

OEBT 110. Blueprint Reading for Building Trades .....4 cr. (2+4P)  
Same as OEDG 100, OEET 101, OEPB 110.

OEBT 118. Math for Building Trades .....3 cr.  
Geometry, algebra, arithmetic, and basic trigonometry pertaining to mathematical applications in the building trade field. Prerequisite: CCDM 103N. Same as OEET 118, OEDG 118, OEPB 118.

OEBT 200. Building Trades II .....8 cr. (2+12P)  
Continuation of OEBT 100: roofing; exterior and interior finish; masonry; door, window, and cabinet installation.

OEBT 221. Cooperative Experience I .....1–4 cr.  
Supervised cooperative work program. Student is employed in an approved occupation and is supervised and rated by the employer and instructor. Student will meet in a weekly class. Graded S/U. Prerequisite: consent of instructor.

OEBT 255. Special Topics .....1–6 cr.  
Topics to be announced in the Schedule of Classes.

OEBT 290. Special Problems in Building Technology .....1–4 cr.  
Individual studies in areas directly related to building technologies. Prerequisite: consent of instructor.

**OECS—Occupational Education,  
Computer Technology**

*Offered at Community Colleges only*

OECS 101. Computer Basics.....1 cr.  
Hands-on instruction to introduce computer use and commonly used software.

OECS 105. Introduction to Microcomputer Technology .....3 cr.  
History and impact of computers on the economy and society. Development of basic skills in operating systems, word processing, spreadsheets, and databases.

OECS 110. Introduction to PowerPoint.....1 cr.  
An introduction to PowerPoint software to develop business presentations. Includes concepts of basic presentation methods and graphic design principles. Students will create and deliver presentations using text, charts, digitized images, and sound. Prerequisites: BCS 110G, C S 110, or OECS 105.

OECS 125. Operating Systems.....1–3 cr.  
Installation of current operating systems software, and utilities to include systems configuration, file, and hardware management. Prerequisite: Either BCS 110G, C S 110, or OECS 105, or consent of instructor. May be repeated for a maximum of 6 credits.

OECS 185. PC Maintenance and Selection I.....1–3 cr.  
Selecting, installing, configuring, troubleshooting, and maintaining microcomputers and peripheral devices. Prerequisites: BCS 110G, C S 110, or OECS 105.

OECS 195. Java Programming I .....1-3 cr.  
Developing of skills in programming business systems using the computer language Java. Prerequisite: one semester of any programming course. May be repeated for a maximum of 9 credits.

OECS 196. Java Programming II..... 1-3 cr.  
Continuation of OECS 195. Prerequisite: OECS 195. May be repeated for a maximum of 9 credits.

OECS 203. UNIX Operating System .....1–3 cr.  
Introduction to the UNIX operating system using Telnet to access a remote UNIX system. Basic UNIX commands and file system concepts. Prerequisite: C S 110, BCS 110G, or OECS 105.

OECS 204. Linux Operating System.....1–3 cr.  
Install and configure the Linux operating system on X86 systems. Covers issues involved in maintaining operating system, networking, creating and managing users, and installing and updating software. General procedures for working with operating system include maintaining disk space, preserving system security, and other related topics. Prerequisite: C S 110, BCS 110G, or OECS 105.

OECS 207. Windows.....1–3 cr.  
Windows concepts including program manager, icons, multiple applications and file/disk management. Windows applications introduced. Prerequisite: OECS 105 or BCS 110 or C S 110, or consent of instructor. May be repeated for a maximum of 6 credits under different subtitles listed in the Schedule of Classes.

OECS 208. Internet Applications..... 1-3 cr.  
Survey of the Internet to include e-mail, file transfer, current search techniques, the World Wide Web and basic Web page development. Prerequisite: CS 110G, BCS 110G or OECS 105. May be repeated for a maximum of 6 credits.

OECS 209. Computer Graphic Arts .....1–3 cr.  
Basic graphics composition using computer programs to include editing and manipulating graphic images, clip-art, and printing of pictures. Prerequisite: OECS 105, C S 110, or OECS 101. May be repeated for a maximum of 6 credits under different subtitles listed in the Schedule of Classes.

OECS 211. Word Processing Applications .....1–3 cr.  
Basic word processing to include composing, editing, formatting, and printing of documents. Prerequisite: C S 110, BCS 110G, or OECS 105. May be repeated under different subtitles listed in the Schedule of Classes for a maximum of 6 credits.

OECS 213. Image Processing.....1 cr.  
Introduction to digital imaging acquisition and editing. Use of digital cameras and computer graphic software for business and personal use. Prerequisite: C S 110, BCS 110G or OECS 105. Graded S/U.

OECS 214. Creating a Web Page .....1 cr.  
Introduction to creating Web pages for business and personal use. Prerequisites: C S 110, BCS 110G, or OECS 105. Graded S/U.

OECS 215. Spreadsheet Applications .....1–3 cr.  
Use of spreadsheets to include graphics and business applications. Prerequisite: BCS 110G, C S 110, or

OECS 105. May be repeated for a maximum of 6 credits.

OECS 216. Programming for the Web .....3 cr.  
Designing web-based applications using HTML and Java, Perl and C programming languages. Prerequisite: one semester of any programming course.

OECS 218. Web Page Programming Support .....3 cr.  
Languages that support Web page development including HTML, Active X and Java Script. Implementation of forms and style sheets in Web pages also presented. Prerequisite: C S 110, BCS 110G, or OECS 105.

OECS 220. Database Application and Design.....1-3 cr.  
Creating, sorting, and searching of single and multifile databases to include report generation and programming database commands. Prerequisite: BCS 110G, C S 110, or OECS 105. May be repeated for a maximum of 6 credits under different subtitles listed in the Schedule of Classes.

OECS 221. Cooperative Experience I .....1-3 cr.  
Student employed at approved work site; supervised and rated by employer and instructor. Each credit requires specified number of hours of on-the-job work experience. Prerequisite: consent of instructor. Restricted to OECS majors. Graded S/U.

OECS 222. Cooperative Experience II..... 1-3 cr.  
Continuation of OECS 221. Each credit requires specified number of hours of on-the-job work experience. Prerequisite: OECS 221 and consent of instructor. Restricted to OECS majors. Graded S/U.

OECS 225. Computer Graphics for Business.....3 cr.  
Programming common computer graphics for business. Creation of computer special effects. Prerequisite: C S 110, BCS 110G, or OECS 105.

OECS 230. Data Communications and Networks I.....1-3 cr.  
Definition of data communication; survey of hardware applications and teleprocessor software; examination and design of networks. Prerequisites: OECS 185. May be repeated for a maximum of 6 credits.

OECS 231. Data Communications and Networks II.....1-3 cr.  
Installation and application of popular microcomputer network software. Prerequisite: OECS 230. May be repeated for a maximum of 6 credits.

OECS 255. Special Topics .....1-4 cr.  
Topics to be announced in the Schedule of Classes.

OECS 260. Hypertext Markup Language (HTML) .....1-3 cr.  
Coverage of HTML as used for web-page development for Internet and Intranet. Text manipulation, graphics, hypertext links, lists, and tables. Prerequisite: C S 110, BCS 110G, or OECS 105. May be repeated for a maximum of 3 credits.

OECS 280. Desktop Publishing.....3 cr.  
Design and production of publication materials to fill the needs of business communities, using a microcomputer. Prerequisite: C S 110, BCS 110G, or OECS 105.

OECS 285. Multimedia Methods and Applications..... 1-3 cr.  
Design and authoring of multimedia presentations on the microcomputer to meet business needs. Prerequisites: CS 110G, BCS 110G, or OECS 105.

OECS 286. Computer Audio and Video Applications .....3 cr.  
Theory of audio and video related to computers. Multimedia topics include sound editors, wave effects, synthesis, video editors, video morphing, assembly, and equipment. Prerequisite: OECS 207, OECS 285.

OECS 290. Computer Technology Capstone... 1-3 cr.  
Refines skills learned in the OECS program. Culminates in a review and practice of advanced software applications. Prerequisites: OECS 125, OECS 140, OECS 185 and OECS 220. Restricted to majors.

OECS 299. Independent Study..... 1-3 cr.  
Specific subjects to be determined based on need.

**OEEM—Occupational Education, Paramedic**  
*Offered at Community Colleges only*

OEEM 101. CPR for the Health Care Professional .....1 cr.  
Students learn identification and response to airway circulation emergencies, including use of a SAED and accessing the EMS system. This course is taught using the American Heart Association guidelines for course completion. Required: grade of C or better.

OEEM 115. First Responder—  
Prehospital Professional .....3 cr. (2+3P)  
Provides training in prehospital medical and traumatic emergencies. Co-requisite: OEEM 101 or consent of instructor. Required: grade of C or better. Restricted to majors.

OEEM 120. Emergency Medical Technician—  
Basic .....6 cr.  
Covers EMT-Basic skills instruction to include care of soft tissue and muscular/skeletal injuries, circulatory, nervous, general medical and respiratory systems emergencies. Co-requisites: OEEM 101, OEEM 120L, and OEEM 121, or consent of instructor. Required: grade of C or better.

OEEM 120L. Emergency Medical  
Technician—Basic Lab .....2 cr. (6P)  
EMT-Basic skills development with emphasis on assessment, skills competency and team-work in patient care in the prehospital setting. Co-requisites: OEEM 101 or OEEM 120, and OEEM 121, or consent of instructor. Requires a C or better to pass.

OEEM 127. Emergency Medical Technician—  
Basic Refresher.....2 cr.  
Comprehensive review of prehospital emergency medicine for the EMT Basic. New material relevant to recertification of the New Mexico EMT-Basic licensure included. S/U only.

OEEM 150. Emergency Medical Technician—  
Intermediate .....5 cr.  
Theory of the roles, responsibilities and scope of practice of the EMT-Intermediate. Assessment and management of respiratory, cardiac, trauma, environmental behavior, reproduction, and childhood emergencies. Prerequisites: current EMT-basic license, pretest, and consent of instructor. Co-requisites: OEEM 150L and OEEM 151. Requires a C or better to pass.

OEEM 150L. Emergency Medical Technician—  
Intermediate Lab.....2 cr. (6P)  
EMT-Intermediate skills development with an emphasis on assessment, skills competency, and teamwork in patient care in the prehospital setting. Requires a C or better to pass. Co-requisites: OEEM 150 & 151.

OEEM 151. Emergency Medical Technician—  
Intermediate Field/Clinical .....2 cr. (6P)  
Patient care experience provided through assigned shifts in the hospital and/or ambulance setting. Prerequisite: consent of instructor. Corequisites: OEEM 150 & 150L. Requires a C or better to pass.

**OEES—Occupational Education,  
Electronic Service**  
*Offered at Community Colleges only*

OEES 110. Electronics I.....4 cr. (3+3P)  
Fundamentals of electronics including: components, schematics, Ohm's law, Thevenin's and Norton's theorems, and series/parallel circuits incorporating passive, active and magnetic elements. Introduction to AC circuits. Co-requisite: OEES 120.

OEES 120. Mathematics for Electronics .....4 cr.  
Includes fundamental mathematics, algebra, sine, cosine, and other elementary functions as they specifically apply to the operation, manipulation, and evaluation of direct current (DC) and alternating current (AC) circuits. Prerequisite: CCDM 114N or consent of instructor.

OEES 135. Electronics II.....4 cr. (3+3P)  
Analysis of AC circuits, filters, and resonance. Introduction to solid state fundamentals including diodes and rectifier circuits, voltage regulators, various transistors and transistor characteristics, amplification and amplifiers, photoelectric effects, gates and timing circuits. Prerequisite: OEES 110 and OEES 120.

OEES 155. Electronics CAD and PCB  
Design.....3 cr. (2+2P)  
Introduction to and the use of commercially available CAD software covering schematic representation of electronic components and circuits. Printed circuit board layout techniques including proper schematic capture, netlist generation, design rule checking and manual routing covered.

OEES 160. Digital Electronics I.....4 cr. (3+3P)  
Number systems, codes, Boolean algebra, logic gates, Karnaugh maps, combination circuits, flip-flops, and digital troubleshooting techniques. Prerequisite: OEES 110 or consent of instructor.

OEES 175. Soldering Practices .....2 cr. (4P)  
Methods and techniques of hand soldering in the production of high quality and reliable soldering connections.

OEES 205. Semiconductor Devices .....4 cr. (3+3P)  
Analysis and trouble shooting of linear electronic circuits including amplifiers, op-amps, power supplies, and oscillators. Prerequisite: OEES 110 & OEES 135 or Consent of Instructor.

OEES 215. Microprocessor Applications I .....4 cr. (3+2P)  
Fundamentals of microprocessor architecture and assembly language with an emphasis on hardware interfacing applications. Co-requisite: OEES 235.

OEES 221. Cooperative Experience I.....1–6 cr.  
Supervised cooperative work program. Student is employed in an approved occupation and supervised and rated by the employer and instructor. Student will meet in a weekly class. Graded S/U. Prerequisite: consent of instructor.

OEES 225. Computer Applications for Technicians.....3 cr. (2+2P)  
An overview of computer hardware, software applications, operating systems, high level programming languages and networking systems.

OEES 235. Digital Electronics II.....3 cr. (2+3P)  
Sequential logic circuits, latches, counters, shift-registers, fault analysis and troubleshooting of digital IC's, multiplexers, timers, encoders/decoders, arithmetic circuits, pulse shaping, and memory devices. Prerequisite: OEES 160.

**OEET—Occupational Education, Electrical Trades**

*Offered at Community Colleges only*

OEET 101. Electrical Blueprint Reading.....4 cr. (2+4P)  
Introduction to construction materials, methods, and basic cost estimating and blueprint reading applicable in today's residential, commercial, and public works industry. Instruction by blueprint reading/interpretation, field trips, and actual job-site visits and progress evaluation. Same as OEET 110, DRTF 151, OEPB 110.

OEET 110. Basic Electricity and Electronics.....4 cr. (3+3P)  
An introduction to electricity theory and practice, including electron theory, Ohm's law, construction of electrical circuits, direct and alternating currents, magnetism, transformers, and practical applications. Same as OEAR 102, OEES 105, OEPB 102.

OEET 115. Wiring Methods and Materials.....5 cr. (2+6P)  
Application of electrical code in selection of wiring materials; proper methods of installation. Co-requisite: OEET 110 or consent of instructor.

OEET 118. Math for Electricians .....3 cr.  
Prerequisite: CCDM 103N. Same as OEET 118, DRTF 118, OEPB 118.

OEET 120. Basic Motor Controls .....5 cr. (2+6P)  
Developing schematics and wiring simple manual and electromechanical control devices. Prerequisite: OEET 110 or consent of instructor.

OEET 205. National Electric Code.....3 cr.  
Interpretation and application of the National Electric Code. Prerequisite: OEET 110.

OEET 210. Intermediate Electricity .....5 cr. (3+4P)  
Introduction to inductance, capacitance, reactances, and power factor correction. Prerequisite: OEET 110.

OEET 221. Cooperative Experience I .....1–4 cr.  
Supervised cooperative work program. Student is employed in an approved occupation and is supervised and rated by the employer and instructor. Student will meet in a weekly class. Graded S/U. Prerequisite: consent of instructor.

**OEHO—Occupational Education, Health Occupations**

*Offered at Community Colleges only*

OEHO 120. Medical Terminology .....3 cr.  
Study of medical terminology as it relates to understanding diseases, their causes and effects, and the terminology used by the medical specialties. Stress is placed on medical terms, their use, spelling, English translation, and pronunciation. Same as NURS 150 and BOT 150.

OEHO 153. Introduction to Anatomy and Physiology I.....4 cr. (3+3P)  
Survey of human anatomy and physiology. Prerequisite: high school biology or high school chemistry, or CHEM 110G, or consent of instructor.

**OENA—Occupational Education, Nurse Aide**

*Offered at Community Colleges only*

OENA 104. Certified Nursing Assistant Fundamentals.....4 cr. (3+3P)  
Theory and basic nursing care skills will be taught with an emphasis being placed on the psychosocial-cultural approach to patient care. OENA 105 must be completed to be eligible to take the certified Nursing Assistant Examination. Restricted to: All Community Colleges.

OENA 105. Certified Nursing Assistant  
Clinicals.....4 cr. (3+3P)  
Extension of basic fundamentals of personal care,  
including theory, skills and clinical experience  
leading to the certified nursing assistant examination  
at the conclusion of the semester. Continuation of  
OENA-104. Prerequisite: C or better in OENA 104 or  
consent of instructor. Co-requisites: CCDM 114N  
and CCDE 110N, or consent of instructor. Requires a  
C or better to pass.

**OEPS—Occupational Education,  
Public Safety**

*Offered at Community Colleges only*

OEPS 150. Correctional Officer  
Training I.....4 cr. (2+4P)  
Introduction to corrections, departmental policies and  
procedures, report writing, officer safety, and  
physical conditioning. Prerequisite: consent of  
instructor. Restricted to majors.

OEPS 180. Correctional Officer  
Training II.....4 cr. (2+4P)  
Criminal justice system, communications, ethics,  
correctional law and responsibilities, search  
procedures, hostage situations, institutional gangs.  
Prerequisite: consent of instructor. Restricted to  
majors.

OEPS 250. Correctional Officer  
Training III .....4 cr. (2+4P)  
Use of force, firearms, baton, chemical agents,  
standard first aid, and CPR. Prerequisite: consent of  
instructor. Restricted to majors.

OEPS 280. Correctional Officer  
Training IV .....4 cr. (2+4P)  
Stress management, supervision of special needs  
offender, defensive driving, and preparation for  
certifying exams. Prerequisite: consent of instructor.  
Restricted to majors.

**OETS—Occupational Education,  
Technical Studies**

*Offered at Community Colleges only*

OETS 104. Basic Mathematics for  
Technicians.....4 cr.  
Fundamental mathematical concepts and  
computations including measurement, ratio and  
proportions, and pre-algebra as it relates to technical  
programs. Prerequisite: appropriate placement test  
score.

OETS 118. Mathematics for  
Technicians.....3 cr. (2+2P)  
Analysis and problem solving of technical problems  
using measuring instruments and techniques of  
arithmetic, algebra, geometry, and trigonometry.  
Prerequisite: CCDM 104N or appropriate placement  
test score.

**OEWT—Occupational Education,  
Welding Technology**

*Offered at Community Colleges only*

OEWT 100. Structural Welding I.....6 cr. (3+6P)  
Development of basic skills in SMAW, OFC, and  
OFW in accordance with the AWS entry-level welder  
program.

OEWT 105. Introduction to Welding .....3 cr.  
Welding practices, procedures, and terminology.  
Welding safety, equipment types, electrode types in  
usage, joint design and testing procedures.

OEWT 110. Blueprint Reading (Welding) .....3 cr.  
Interpretation of prints related to welding. Emphasis  
on AWS standard symbols for welding, brazing, and  
nondestructive examination.

OEWT 115. Structural Welding II.....6 cr. (3+6P)  
Continuation of OEWT 100. Emphasis on AWS  
entry and advanced level welder skills with SMAW,  
including all-position welding with mild and stainless  
steel electrodes. Plasma arc and air-carbon arc  
cutting, metallurgy, heat treatment, and weld defects.  
Prerequisite: OEWT 100.

OEWT 118. Technical Math for  
Welders.....3 cr. (2+3P)  
Geometry, algebra, and basic arithmetic pertaining to  
applications in the welding trades.

OEWT 120. Basic Metallurgy .....3 cr.  
Properties of ferrous and nonferrous materials.  
Service conditions and heat treatment of metals  
related to welding trade. Prerequisites: OEWT 100 or  
consent of instructor.

OEWT 125. Introduction to Pipe  
Welding .....3 cr. (2+2P)  
Pipe fit-up and welding techniques for pipe fittings  
and pipe weld joint using SMAW, GMAW, and  
GTAW. Out-of-position fit-up and welding of pipe.  
Prerequisites: OEWT 100, OEWT 130, and OEWT  
140, or consent of instructor.

OEWT 130. Introduction to GMAW  
(MIG).....3 cr. (2+2P)  
Development of basic skills with gas metal arc  
welding (MIG) in accordance with AWS entry-level

welder objectives. Wire electrodes, shielding/purge gases, and modes of metal transfer.

OEWT 140. Introduction to GTAW (TIG).....3 cr. (2+2P)  
Development for basic skills with gas tungsten arc welding (TIG) in accordance with AWS entry/advanced welder objectives. Welding mild steel, tungsten electrode preparation, filler wire selection, and equipment set-up.

OEWT 150. Pipe Welding II .....3 cr. (2+2P)  
Continuation of OEWT 125; with fillet and groove welded joints in a horizontal fixed and 45-degree fixed positions (5-F, 5-G, 6-F, 6-G). Prerequisite: OEWT 125.

OEWT 160. Introduction to SAW and FCAW .....3 cr. (2+2P)  
Submerged arc and flux-cored arc welding. Demonstrations and practice with both hand-held and machine travel submerged arc welding (SAW). Flux-cored arc welding (FCAW) on mild steel plate and pipe.

OEWT 170. Welded Fabrication .....3 cr. (1+4P)  
Development of fabrication skills including basic layout, measuring, and utilization of various welding processes including out-of-position welding. Use of common shop tools. Prerequisites: OEWT 100, 110, 130, and OETS 104 or 118.

OEWT 180. GTAW II .....3 cr. (2+2P)  
Continuation of OEWT 140. Development of more advanced GTAW skills. Emphasis on pipe welding with mild steel, stainless steel, and aluminum. Prerequisite: OEWT 140 or consent of instructor.

OEWT 190. Welded Art .....3 cr. (1+4P)  
Students explore the possibilities of welded art in the form of sculpture, jewelry, furniture and as a framework to support other art media. Offered as an elective for students who wish to create art using welding. Prerequisite: OEWT 102 or consent of instructor.

OEWT 200. Structural Welding III .....6 cr. (3+6P)  
Continued application of weld bead patterns and structural welded joints.

OEWT 202. Advanced Layout for Welders .....4 cr. (3+2P)  
For welders and pipefitters desiring more layout knowledge and skill.

OEWT 211. Welder Qualification .....6 cr. (3+6P)  
Laboratory and classroom instruction on AWS and ASME Welder Performance Qualification Tests. All position plate and pipe techniques and tests for SMAW, GMAW, GTAW, FCAW, and SAW. Nondestructive and destructive examination methods. Basics of welding codes. Prerequisite: OEWT 100, 110, 120, 130, 140, 160, 180, or OETS 104 or 118, or consent of instructor. Restricted to majors.

OEWT 221. Cooperative Experience I .....1–6 cr.  
Supervised cooperative work program. Student is employed and supervised and rated by the employer and instructor. Student will meet in a weekly class. Graded S/U. Prerequisites: OEWT 100 or 101 and consent of instructor.

OEWT 295. Special Topics .....1–4 cr.  
Topics to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits.

### **P E—Physical Education Recreation and Dance**

P E 102. Beginning Weight Training.....1 cr.

P E 103. Beginning Weight Training—Women .....1 cr.  
Introduction to basic principles and techniques of weight training as related to women.

P E 104. Military Physical Fitness.....1 cr.  
Directed physical fitness activities designed to develop and maintain strength/endurance, cardiopulmonary efficiency, flexibility, and coordination required for leadership roles after graduation.

P E 112. Beginning Volleyball—Men .....1 cr.

P E 113. Beginning Volleyball—Women.....1 cr.

P E 114. Basketball—Women .....1 cr.

P E 115. Basketball—Men .....1 cr.

P E 129. Step Aerobics .....1 cr.  
Designed to increase knowledge of the human body's responses to exercise, enhance the level of muscular development, and cardiovascular endurance with the use of music and steps.

P E 130. Beginning Swimming .....1 cr.

P E 154. Personal Defense.....1 cr.  
Physical conditioning and defense skills for men and women.

P E 204. Cross Training.....1 cr.  
Intensive training program that incorporates both aerobic and resistive overload approaches to training.

P E 205. Walking Fitness .....1 cr.  
Basic fitness knowledge techniques and training methods of fitness walking are practiced and refined.

P E 206. Beginning Physical Fitness .....1 cr.  
Progressive exposure to steady state exercise tailored to individual needs for the purpose of determining, improving, and maintaining physical fitness.

P E 210. Orienteering .....2 cr.  
Same as GEOG 210.

P E 215. Intermediate Walking.....1 cr.  
A continuation of basic fitness knowledge techniques and training methods of fitness walking are practiced and refined. P E 205 or consent of department head.

P E 264. Intermediate Cycling.....1 cr.  
Introduction to competitive cycling. Content includes techniques in training, riding, racing, and racing tactics.

P E 270. Special Topics.....1–3 cr.  
Specific subjects to be announced in the Schedule of Classes. Each offering will carry appropriate subtitle. May be repeated for a maximum of 4 credits.

### **PHIL—Philosophy**

PHIL 101G. The Art of Wondering.....3 cr.  
Introduction to some of the main problems of philosophy, with an emphasis on critical thinking. Philosophy conceived as an aid to living in this world with oneself and with others.

PHIL 136G. The Quest for God..... 3 cr.  
An effort to understand the religious life; a consideration of some of the traditional approaches to God and what it means to be religious.

PHIL 201G. Introduction to Philosophy.....3 cr.  
Selected problems within the main branches of philosophy: metaphysics, theory of knowledge, ethics. Practice given in critical thinking.

PHIL 223G. Ethics .....3 cr.  
The philosophical explication of morality. Significant ethical systems developed in the history of Western thought.

PHIL 240G. Ethics for Engineering and Scientific Careers.....3 cr.  
Examination of ethical dilemmas that challenge responsible engineering and scientific practices. Includes how to balance profit and risk of public harm, honesty in research, legal vs. moral responsibility, environmental concerns. Prerequisite: ENGL 11G

### **PHYS—Physics**

PHYS 110G. The Great Ideas of Physics.....4 cr.(3+3P)  
Conceptual, quantitative, and laboratory treatments of the great ideas and discoveries that have influenced lives and changed perceptions of nature, from Johannes Kepler’s laws of planetary motion and Isaac Newton’s and Albert Einstein’s laws of motion and gravity to the modern concepts of the quantal structure of nature and the big bang universe.

PHYS 211G. General Physics I.....3 cr.  
Non-calculus treatment of mechanics, waves, sound, and heat. Knowledge of simple algebra and trigonometry is required. Prerequisite: a C or better in MATH 120 or 120 or higher.

PHYS 211GL. General Physics I Laboratory 1 cr.(3P)  
Laboratory experiments in topics associated with material presented in PHYS 211 or PHYS 221. Students wishing to use the PHYS 211G–212 or PHYS 221G–222 sequence to satisfy the basic natural science General Education requirement must register for either PHYS 211GL or PHYS 212GGL. Co-requisite: PHYS 211G or PHYS 212GG. General Physics II 3 cr. Noncalculus treatment of electricity, magnetism, and light. Prerequisite: PHYS 211G.

PHYS 212G. General Physics II.....3 cr.  
Non-calculus treatment of electricity, magnetism, and light. Prerequisite: PHYS 211G.

PHYS 212GL. General Physics II Laboratory1 cr. (3P)  
Laboratory experiments in topics associated with material presented in PHYS 212G or 222G. Students wishing to use PHYS 211G–212G or PHYS 221G–222G sequence to satisfy the basic natural science General Education requirement must register for either PHYS 211GL or PHYS 212GL. Co-requisite: PHYS 212G or PHYS 222.

## **PSY—Psychology**

PSY 201G. Introduction to Psychology.....3 cr.  
Methods and principles of behavior. Topics include human evolution and development, biopsychology, perception, learning, thinking, motivation, social interaction, and the diagnosis and treatment of abnormal behavior.

PSY 205. Introduction to Developmental Psychology .....3 cr.  
Development of social, emotional, and intellectual aspects of human behavior, with emphasis on the childhood years. Branch campus only.

PSY 211. Introduction to Research .....1 cr.  
Introductory skills in library and on-line research. Emphasizes the scientific method including oral and written presentation of research according to the APA Style Handbook. Does not replace PSY 310 as requirement in B.A. degree. Community Colleges only.

PSY 266. Applied Psychology .....3 cr.  
Explanation of the psychological principles of everyday living. Emphasizes motivation, learning of intelligent behavior, and applications of psychology to social issues. Community Colleges only.

PSY 270. Special Topics .....1–3 cr.  
Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits. Branch campus only.

PSY 274. A Study of Substance Abuse through Service Learning .....3 cr.  
Physiological and psychological impact of drug use on human behavior. Emphasizes practical applications of intervention and prevention in the community. Community Colleges only.

PSY 290. Psychology of Adjustment .....3 cr.  
Analyzes the responses people have to conflict, emotional stress, and frustration. It focuses on adapting to these problems and examines both normal and neurotic responses. Branch campus only.

## **S WK—Social Work**

S WK 221G. Introduction to Social Welfare .....3 cr.  
A broad overview of current social problems and the role of social agencies and community members in addressing these problems.

S WK 251. Women’s Issues in Social Work .....3 cr.  
Examines gender-specific social problems and their identification and resolution through the use of social agencies and community resources. Community Colleges only.

S WK 253. Case Management.....3 cr.  
Introduction to case management for social- and human-services workers. Overview of typical duties and responsibilities of a case manager, including setting goals, performing assessments, writing progress notes, and linking clients with other resources in the community. Recommended for students considering a career in social work or human services. Prerequisites: PSY 201G and S WK 221G. Community Colleges only.

## **SMET—Science, Mathematics, Engineering and Technology**

SMET 101. Introduction to Science, Mathematics, Engineering, and Technology .....3 cr.  
An introductory course for science, mathematics, engineering, or technology students emphasizing introduction to the disciplines, development of critical thinking and academic success skills for the technical disciplines, as well as degree planning for the major.

## **SOC—Sociology**

SOC 101G. Introductory Sociology .....3 cr.  
Introduction to social theory, research, methods of analysis, contemporary issues in historical and cross-cultural contexts. Covers groups, deviance, inequality, family, gender, social change, and collective behavior.

SOC 201G. Contemporary Social Problems.....3 cr.  
Introduction to the fundamentals of social analysis through the analysis of contemporary American social problems. Emphasis on methods of analysis and cross-national comparisons showing that the social problems studied are common to all societies. Covers racism, violence, poverty, crime, health care, and substance abuse.

SOC 248. Special Topics.....1–3 cr.  
Specific subjects to be announced in the Schedule of Classes. May be repeated for a maximum of 12 credits.

SOC 258. Current Issues in Marriage and Family.....3 cr.  
Examination of contemporary American family life, including courtship, marriage, divorce, and child rearing. Community Colleges only.

SOC 262. Issues in Death and Dying .....3 cr.  
Major personal and social issues related to the process of dying in our culture. Community Colleges only.

SOC 263. Human Sexuality.....3 cr.  
Introduction to cultural and personal aspects of human intimacy, sexuality and the life cycle, sexual variation, and sexually transmitted diseases. Community Colleges only.

SOC 270. Sociology of the Chicano Community I.....3 cr.  
Introductory overview of the Chicano/Mexican-American experience in the U.S., with an emphasis on the Southwest. Socioeconomic issues affecting Chicano culture and behavior. Topics include family, la Chicana, mental health, education and language policy, art and literature.

SOC 273. Sex and Gender .....3 cr.  
Analysis of changes, behaviors, and stereotypes of women and men in contemporary Western societies. Same as W S 273.

### **SPAN—Spanish**

SPAN 111. Elementary Spanish I.....4 cr.  
Spanish for beginners. Not open to Spanish-speaking students except by consent of instructor. Prerequisite: language placement and assessment by departmental examination.

SPAN 112. Elementary Spanish II .....4 cr.  
Spanish for beginners. Not open to Spanish-speaking students except by consent of instructor. Prerequisite: language placement and assessment by departmental examination or C or better in SPAN 111.

SPAN 113. Beginning Spanish for Heritage Speakers.....4 cr.  
Emphasis on development of heritage Spanish language skills learned at home and/or in the community. Covers listening comprehension, development of vocabulary and cultural activities to help strengthen heritage language and culture. Students who have previously earned a C or better in SPAN 111 or SPAN 112 may not receive credit for this course.

SPAN 211. Intermediate Spanish I.....3 cr.  
Speaking, reading, and writing. Not open to Spanish-speaking students except by consent of instructor. Prerequisite: language placement and assessment by departmental examination or C or better in SPAN 112.

SPAN 212. Intermediate Spanish II.....3 cr.  
Speaking, reading, and writing. Not open to Spanish-speaking students except by consent of instructor. Prerequisite: language placement and assessment by departmental examination or C or better in SPAN 211.

SPAN 213. Spanish for Native Speakers I .....3 cr.  
Emphasis on development of native language reading skills. Covers speaking, writing and vocabulary activities to strengthen command of the language. For Spanish-speaking students only. Prerequisite: language placement and assessment by departmental examination.

SPAN 250. Cultures of the Spanish-Speaking World.....3 cr.  
Familiarization with cultures of the Spanish-speaking world. Language variations, history, literature, fine arts, and cultural behavior of mainstream Hispanic cultures including U.S. Prerequisite: either SPAN 111, 112, or 113.

### **SPCD—Speech/English as a Second Language**

SPCD 111G. Advanced ESL Composition.....4 cr.  
Academic writing, including library research papers and the issue of plagiarism, for students with nonnative English. Prerequisites: placement based on English language screening test, and either a minimum TOEFL score of 500 or consent of instructor; or successful completion of SPCD 110. Graded S/U. (SPCD 111G is substituted for ENGL 111G for international students whose native language is not English.

### **SPED—Special Education**

SPED 201. Topics.....3 cr.  
Offered under various subtitles that indicate the subject matter to be covered. May be repeated 3 times for a maximum of 9 credits.

### **STAT—Statistics**

*Students wishing to enroll in STAT 251 or STAT 271 must satisfy one of the following: (a) passed MATH 120 with a grade of C or better; or (b) have earned*

*an adequate score on the Mathematics Placement Test.*

STAT 251G. Statistics for Business and the Behavioral Sciences.....3 cr.  
Techniques for describing and analyzing data; estimation, hypothesis testing, regression and correlation; basic concepts of statistical inference. Prerequisite: MATH 120. Same as E ST 251.

STAT 271G. Statistics for Psychological Sciences.....3 cr.  
Techniques for describing and analyzing data; basic concepts of statistical inference; estimation, hypothesis testing, correlation, and analysis of variance. Prerequisite: MATH 120. Offered on demand only.

### **THTR—Theater Arts**

THTR 101G. Introduction to Theatre.....3 cr.  
An appreciation class introducing the non-major to all aspects of theatre. Playwrights, directors, actors, and designers visit the class. Students attend and report on main-stage productions.

THTR 105. Acting for Non-Majors.....3 cr.  
This course gives non-majors experience in the depth and craft of the actor's art.

THTR 110. Acting I.....3 cr.  
Basic understanding of self-expression through a variety of physical exercises, improvisation, and dialogue, culminating in character work.

THTR 115. Voice and Movement .....3 cr.  
In a studio setting the use, care and development of the actor's vocal and physical instrument. Includes alignment, centering, Tai Chi, physical characterization.

THTR 130. Script Analysis .....3 cr.  
Methods of analyzing scripts for the actor, director, designer, technician, and playwright.

THTR 141. Introduction to Stagecraft.....3 cr.  
Basic techniques used in the construction of scenery, props, and sound. Prerequisite: majors or consent of instructor. Co-requisite: THTR 141L.

THTR 141L. Stagecraft Lab.....1 cr.  
Class members will assist with construction for productions in a studio environment. Prerequisite: majors or consent of instructor. Co-requisite: THTR 141. Graded S/U.

THTR 142. Introduction to Costume Crafts .....3 cr.  
A survey of all aspects of costuming a theatrical production. Basic construction, use of equipment, knowledge of available materials, dyeing, and millinery. Prerequisite: majors or consent of instructor. Co-requisite: THTR 142L. No audits.

THTR 142L. Costume Craft Lab.....1 cr.  
Class members will assist in construction for productions in a studio environment. Prerequisite: majors or consent of instructor. Co-requisite: THTR 142. Graded S/U.

THTR 249. Running Crew I.....1–2 cr.  
Students work on a technical aspect of a production in a rehearsal and performance environment. May be repeated for a maximum of 2 credits.

THTR 257. Introduction to CAD.....3 cr.  
Project-oriented course teaching basic principles of drafting on Macintosh computers using miniCAD. Students will develop portfolios of drafted projects. Prerequisites: THTR 141 & 141L.

### **UNIV—University Studies**

UNIV 101. Tutorial .....1–3 cr.  
Development of specific skills required for college courses, such as note-taking, listening, and test-taking. To be taken in conjunction with a regular designated college course. May be repeated for a maximum of 3 credits. Graded S/U.

### **W S—Women's Studies**

W S 201G. Introduction to Women's Studies .....3 cr.  
Analysis of the status of women in society today and history and consequences of gender stratification and inequality from the perspectives of sociology, anthropology, psychology, political science, and other sciences.

W S 202G. Representing Women.....3 cr.  
Historical and critical examination of women's contributions to the humanities, with emphasis on the issues of representation that have contributed to exclusion and marginalization of women and their achievements.

W S 250. Special Topics.....3 cr.  
The topic of course will vary and will be indicated by subtitle. May be cross-listed with relevant courses at the 200-level from any specific department. May be repeated under different subtitle(s).

W S 273. Sex and Gender.....3 cr.  
Analysis of changes, behaviors, and stereotypes of  
women and men in contemporary Western societies.  
Same as SOC 273.

## GOVERNANCE AND PERSONNEL

### Board of Regents

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<b>Curtis, Blake</b>	Chair
<b>Gonzales, Javier</b>	Vice-Chair
<b>Conniff, Laura</b>	Secretary/Treasurer
<b>Pino, Ike</b>	Member
<b>Anaya, Chris</b>	Student Regent
<b>Ericson, Chris</b>	Ex-Officio Member
<b>Dulany, Travis</b>	President, ASNMSU-Ex-Officio Member

### Administration - Las Cruces

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<b>Dr. Barbara Couture</b>	President, New Mexico State University
<b>Dr. Wendy K. Wilkins</b>	Executive Vice-President and Provost, New Mexico State University

### Advisory Board - Grants/Cibola County Public School Board Members

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<b>Estevan, William</b>	President
<b>Chavez, Earl</b>	Vice-President
<b>MacKendrick, Sharon</b>	Secretary
<b>Sandoval, Dion</b>	Member
<b>Smith, Jerry</b>	Member

### Grants Campus Administration

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<b>Casados, Felicia</b>	President-M.A, M.B.A., New Mexico Highlands University
<b>Sheski, Dr. Harry</b>	Vice President for Academic Affairs - Ed.D., University of New Mexico
<b>Armstead, Beth</b>	Vice President for Student Services - M.A., University of Colorado
<b>Yanke, Gaylyn</b>	Vice President for Business & Finance - M.B.A., Ashford University

### Professional Staff

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<b>Carlson, Rosemary</b> , Coordinator, Institutional Research-M.S. (Experimental Statistics), New Mexico State University
<b>Eversole, Mark</b> , Career Technical Laboratory Technologist- A.A., Albuquerque Technical Vocational Institute; Diploma, NRI Schools, Computer Programming
<b>Johnson, Brian</b> , Academic Advisor – M.Ed., Western Washington University; M.S., Oregon State University
<b>Lundgren Whitson, Gayle</b> , Director, Title V-Doctor of Science Education, Curtin University of Technology
<b>McGaghie, Thomas</b> , Coordinator, Adult Basic Education- M.A., Western University of Michigan
<b>Olsson, Nicole</b> , Specialist, Educational Technologist, M. Ed., American InterContinental University
<b>Ortiz, Geraldine</b> , Program Specialist, Small Business Development Center- M.B.A., New Mexico State University
<b>Salcido, Alice</b> , Assistant Administrator-B.B.A., New Mexico State University
<b>Sanchez, Clemente</b> , Coordinator, Small Business Development Center-M.B.A., New Mexico Highlands University
<b>Stafford, Cecilia</b> , Director of Library Services-M.L.S., University of Alabama
<b>Warr, Frederick</b> , Systems Technologist III – M.B.A., University of Phoenix

### Support Staff

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<b>Alexander, Pattie</b>	Administrative Secretary II-Assoc., New Mexico State University
<b>Archibeque, David</b>	Technical Support Coordinator II-B.S., New Mexico State University
<b>Dail, Ken</b>	Technical Support Coordinator II
<b>Garcia, Debbie</b>	Records Technician II-Assoc., New Mexico State University
<b>Gurule, Gail</b>	Accounting Technician II-Assoc., New Mexico State University
<b>Gutierrez, Nelia J.</b>	Administrative Secretary I
<b>Heberling, Mary</b>	Library Technician I-Assoc., New Mexico State University
<b>Kormick, Nicole</b>	Records Specialist-Assoc., New Mexico State University
<b>Martinez, Nichol</b>	Library Technician- A.A.S., New Mexico State University
<b>Simpson, Melody</b>	Records Specialist- B.H.C.S., New Mexico State University
<b>Torrez, Joanna</b>	Administrative Assistant

### Plant Maintenance Staff

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<b>Burdine, Jack</b>	Construction/Maintenance Technician III
<b>Christmann Danny</b>	Facilities Manager, B.S. (Business Management) Upper Iowa University
<b>Farrell, Mike</b>	Custodial Worker C
<b>Jensen, Kurt</b>	Custodial Worker A
<b>Miller, William</b>	Custodial Worker A

### Full-Time Faculty

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<b>Aragon, Cynthia</b>	Assistant Professor/Program Manager, Criminal Justice, J.D., University of New Mexico
<b>Baker, Robert</b>	Instructor of Mathematics, M.A. (History), M.A. (Math), University of Montana
<b>Bocaz-Larson, Doug</b>	Associate Professor/Program Manager, Computer Science, M.S. (Education), Capella University
<b>Chavez-Toivanen, Marlene</b>	Professor/Program Manager, Mathematics, M.A. (Curriculum & Instruction), New Mexico State University
<b>Erben, Joan</b>	Professor, Communications, D.A. (Doctor of Arts, English), Idaho State University
<b>Gallagher, Neal</b>	Associate Professor/Program Manager, Health Sciences, B.S.N. (Nursing), Western Connecticut State University
<b>Garcia, Paul</b>	Assistant Professor/Program Manager, Automotive Technology, B.S. (Workforce Education & Development), Southern Illinois University, Carbondale; ASE Certified
<b>Gutierrez, Richard</b>	Professor, Welding/Drafting, B.A. (Industrial Engineering), University of Northern Colorado
<b>Habiger, Betty</b>	Professor/Program Manager, Business, M.S. (Training & Learning Technologies), University of New Mexico
<b>Leach, Michael</b>	Professor, Social Sciences, M.S. (Systems Management), University of Southern California, M.A. (Geography & Sociology), University of New Mexico
<b>McDowell, Bruce</b>	College Instructor/Program Manager, Electronics & Electrical Trades, B.S., University of Redlands
<b>Mann, Thomas</b>	College Instructor, Computer Science, B.S., Illinois Institute of Technology
<b>Marion, Linda</b>	Assistant Professor/Program Manager, Education, M.Ed., Eastern New Mexico University
<b>Ott, Charlotte</b>	Associate Professor, Natural Sciences, Ph.D. (Geosciences), University of Arizona
<b>Romero, A. Gene</b>	Assistant Professor, Humanities, M.F.A., The University of Iowa
<b>Serban, William</b>	College Instructor/Program Manager, Social Science, Ph.D., University of New Orleans
<b>Walsh, Sharon</b>	Assistant Professor, Natural Sciences, Ph.D., University of New Mexico

### **Emeritus Faculty**

**Dixon, Tom**, Professor, Mathematics, Ph.D., New Mexico State University

**Johnson, Elaine**, Professor/Program Manager, Business Office Technology, M.S., University of New Mexico

**Ma, Lucy Belle**, Instructor, English, Philosophy, M.R.E., Southwestern Seminary

**MacKendrick, Sharon**, Professor, Mathematics, M.A., University of New Mexico

**Perrow, Cecelia**, Professor, History and Government, Ph.D., Northern Arizona University

**Perrow, Michael**, Associate Professor, Natural Sciences, Mathematics, M.A.T., New Mexico State University

**Rider, Marvin**, Assistant Professor, Secretarial Administration and Accounting, M.A., University of New Mexico; *in memoriam*

**Sailer, William E.**, Professor, Business Administration, Ed.D., New Mexico State University; *in memoriam*

**Strange, Patricia**, Associate Professor, English, M.A.T., Western New Mexico University

### **Part-Time Faculty**

**Adams, Kumen**, College Instructor, Education, M.A., Western New Mexico University

**Armstead, Beth**, College Instructor, Psychology, M.A., University of Colorado

**Ball, Diane**, College Instructor, History, Ph.D., University of New Mexico

**Baying, Martin**, College Instructor, Social Science, Ph.D., Boston University

**Bland, Daniel**, College Instructor, Art, M.A., New Mexico Highlands University

**Bohannon, Lynsey**, College Instructor, Creative Media A.A., New Mexico State University

**Broach, Nancy**, College Instructor, Health Science, M.A., Western New Mexico University

**Burke, Gail**, College Instructor, English, M.A., Ohio State University

**Calvert, Ronald**, College Instructor, Mathematics, M.A., University

**Calvert, Rosemary**, College Instructor, Bilingual Education, M.A., New Mexico State University

**Chachere, Pam**, College Instructor, Nursing Assistant, LPN, New Mexico State University at Grants

**Chavez, Cherie**, College Instructor, Developmental English, B.A., Midwestern State University

**Chavez, Orieta**, College Instructor, Spanish, M.A., New Mexico State University

**Chavez, Shaunalee**, College Instructor, Education, M.A., New Mexico State University

**Coats, Melissa**, College Instructor, Social Work, Master of Social Work, New Mexico Highlands University

**Collins, Randolph**, College Instructor, Philosophy, J.D., Georgetown University

**Connell, Marie**, College Instructor, Biology, B.S., Montana State University, B.S., California Polytechnic State University

**Coulson, Linda**, College Instructor, Physical Education, Assoc., New Mexico State University; Hatha Yoga Certified, RYT-200

**Derrick, P. Scott**, College Instructor, Computer Science, B.S., University of California Santa Cruz

**DeSoto, Tomasita**, College Instructor, Emergency Medical, B.S., University of New Mexico

**Dixon, Constance**, College Instructor, Health Science B.S., Southeastern Louisiana University

**Eckert, Hope**, College Instructor, Criminal Justice, J.D., University of New Mexico

**Fransson, Dale**, College Instructor, Mathematics, Ph.D., Florida State University

**Gallegos, Gabriel**, College Instructor, Computer Technology, M.A., University of New Mexico

**Garcia, Rudy**, College Instructor, Education, D.Ed., New Mexico State University

**Gleason, Irving**, College Instructor, English, M.A., Arizona State University

**Gold, Jean**, College Instructor, Education M.Ed., Virginia State University

**Grant, Robbie**, College Instructor, M.B.A., New Mexico State University

**Habiger, Catherine**, College Instructor, Management, M.S., M.B.A., University of Phoenix

**Harshman-Tator, Kristen**, College Instructor, Education, M.A., University of Phoenix

**Henry, Karen**, College Instructor, Computer Science, B.I.C.T., New Mexico State University

**Herbst, Leslie**, College Instructor, Business, J.D., State University of New York at Buffalo  
**Hollar, Kristina**, College Instructor, Criminal Justice, J.D., University of New Mexico  
**Jaramillo, Laura**, College Instructor, Education, M.A., Western New Mexico University  
**Jones, Maxima**, College Instructor, Mathematics, Master Degree, Colegio de San Jose-Recoletos, Philippines  
**Keene, Milford**, College Instructor, Civil Engineering, B.S., Northern Arizona University  
**Lowther, Mark**, College Instructor, Mathematics, B.U.S., University of New Mexico  
**Lucero, Roshanna**, College Instructor, Criminal Justice, B.C.J, M.S.W., New Mexico State University  
**Lyons, Connie**, College Instructor, Mathematics, BA, New Mexico State University  
**MacDonald, Ellen**, College Instructor, Art, B.F.A., University of New Mexico  
**MacKendrick, Sharon**, Professor, Mathematics, M.A., University of New Mexico  
**Markus, Amanda**, College Instructor, Art, M.A., American University  
**McKenzie, Kathy**, College Instructor, Allied Health, M.S.N., University of Phoenix  
**Meehan, Teresa**, Associate Professor, Psychology/Education, Ph.D., University of New Mexico  
**Morris, Rex**, College Instructor, Mathematics,  
**Murray, Thomas**, College Instructor, Communications/Management, Ph.D., Southern Illinois University at Carbondale  
**Nazare, Kathy**, College Instructor, Music M.S., Western Maryland College  
**O'Connor, Kathleen**, College Instructor, College Studies, Social Science & College Studies, M.A., Prescott College  
**O'Keefe, William**, College Instructor, Natural Sciences, M.S., California State University, M.A., New Mexico State University  
**Olsson, Nicole**, College Instructor, Computer Technology, M.Ed., American InterContinental University  
**Payette, Bruce**, College Instructor, Psychology, Ed. D., University of Arizona  
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