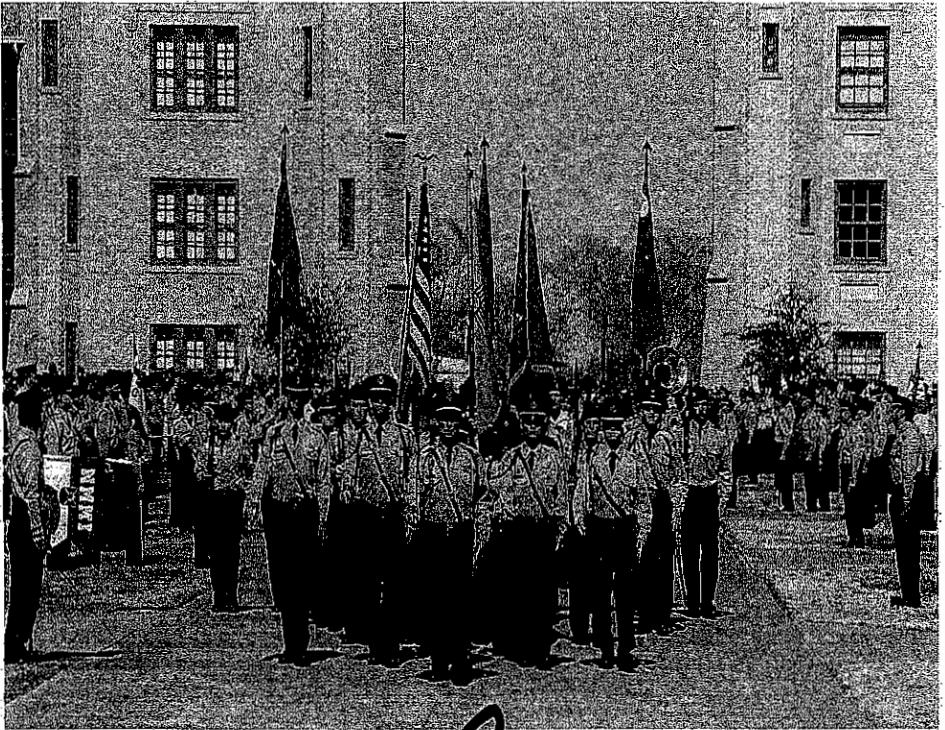


REGISTRAR

2009-2010 Catalog

NEW MEXICO MILITARY INSTITUTE

ROSWELL, NEW MEXICO



DO NOT REMOVE

Catalog Home

NMMI On line catalog 2009-2010

This catalog is the 2009-2010 catalog for NMMI consisting of two semesters. Requirements apply to students entering during the Fall 2009 through Spring 2010 school year. Information is accurate as of the date of publication and specific changes that apply to this catalog or so noted. Updates/changes will have specific coverage and NMMI reserves the right to make changes in policies, regulations and fees giving due notice.

The NMMI Virtual Tour (on the menu) allows you see the various buildings on the NMMI campus and to remotely tour the campus.

Member of:

American Association of Community and Junior Colleges
American Council on Education
Association of Governing Boards
Association of Military Colleges and Schools of the U.S.
National Association of Campus Activities
North Central Conference of Summer Schools
New Mexico Association of Community Colleges
College Board

Accreditation

Junior College accredited by:

Higher Learning Commission
(a commission of the North Central Association of Colleges and Schools)
30 North LaSalle Street, Suite 2400
Chicago, Illinois 60602
800-621-7440
<http://www.ncacihe.org/>

College Preparatory High School accredited by:

North Central Association Commission on Accreditation and School Improvement
Arizona State University
P.O. Box 873011
Tempe, Arizona 85287-3011
800-525-9517
<http://www.ncacasi.org>

Additional certifications/licensure:

State of New Mexico
Public Education Department
Department of the Army as a Military Junior College offering JROTC and SROTC Programs.
Honor School with distinction (or its equivalent) since 1909.

Equal Opportunity Policy

NMMI is open to all persons regardless of race, color, religion, sex, or national origin who are otherwise eligible for admission as cadets. The college is an Equal Opportunity Employer and no applicant or employee will be discriminated against because of race, color, religion, gender, or national origin concerning employment or during the course of employment at this Institute.

Automated Switchboard: 1-575-622-6250

Admissions: 1-800-421-5376

Address: 101 West College Blvd Roswell, New Mexico 88201

<http://www.nmmi.edu>

Change Page

The following are the approved changes as of the date indicated (changes approved through Curriculum and Standards, Faculty Senate and approved by the Board of Regents)

Initial changes:

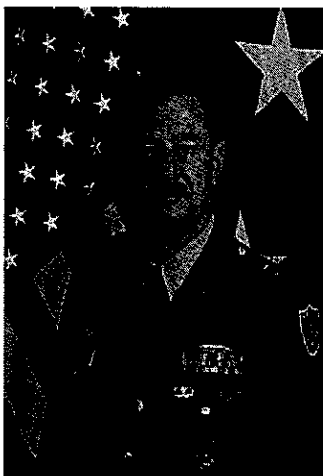
- More specific information on academic/discipline status and standing, good standing and cadet status.
- Added specific information on graduation awards/honors
- Course numbering changes (college)
- Updates on personnel
- Changes in admissions and financial policies

Post-publication changes:

- Aug 2009 - name changes in faculty and key personnel (promotions, departures, and hires)
- Adding new courses as approved by Curriculum and Standards / Faculty Senate (BIO 024)
- Added BIO 023, BIO 024 to meet biology requirements, MTH 053 (cross-tally with BUS 051), HIS 007 (Global Studies) - October 2009 (C&S/Fac Senate) and changed course descriptions of BIO 021/022
- Replaced the Leadership Model with a new model - Venn Diagram (November 2009)

Superintendent's Message

You are about to become part of the long and distinguished heritage and traditions that constitutes the NMMI Experience, an experience founded on the principles of "Duty, Honor and Achievement" which has flourished since 1891. While strong in heritage and tradition, NMMI remains a progressive college-preparatory high school and university parallel junior college that employs the military model to educate and train its cadets in practical leadership and ethical behavior. We focus on helping our cadets attain excellence in academics, in character development, and in physical fitness, while providing them hands-on leadership opportunities in every campus endeavor and empowering them with the responsibility and authority to help execute the mission of the school and develop leaders of character.



As NMMI's 19th President/Superintendent, it is important to me to continue with the school's efforts to expand and improve upon the already superior education for which the school is well known. Beyond that, I will continue to support and encourage NMMI's many life-enriching activities and programs which provide you, as a member of the Institute's Corps of Cadets, with a well-rounded, "whole person" educational experience. While we share similarities with our nation's Service Academies and state military colleges and academies, approximately 80% of our graduates rise to important positions in civilian careers at the local, state and national level.

I can assure you that your NMMI Experience will be one of daily growth, change, challenge, and opportunity – the kind of opportunity that enables you to learn new things, to meet new people, to exchange ideas, and to debate the issues. Many people will help guide you along the way.

The Dean of Academics and the faculty will inform and challenge you. The Commandant of Cadets and his staff will train you and help you succeed as a cadet. Your fellow cadets will inspire you. But, what is required of you?

You must be willing to invest the necessary time and effort, seek out and take the initiative, and accept the responsibility for yourself and your actions that will lead to your success at NMMI. Are you ready to make the commitment? Are you ready to succeed in achieving your goals? If you are, then we here at NMMI are ready to support you as you carve out your own NMMI Experience.

The information in this catalog, together with the advice of your academic counselor will help you plan for and achieve your educational goals – no matter what they may be.

Good Luck! I wish you great success as you work toward your future,

Jerry W. Grizzle, PhD
Major General, USARNG (Ret.)
President & Superintendent

New Mexico Military Institute

Click on any of the following links for information:

- [Key Personnel](#)
- [Officers of the Institute](#)
- [General Information](#)

Key Personnel

The Board of Regents

Phillip C. Ingram '67 HSG, President	Albuquerque
John M. Henderson, III '64 JCG, Vice President	Albuquerque
J. William Himes PhD 1990 JCX, Sec/Treas	Taos
Stephen D. Paternoster, FMP '79 HSG, member	Albuquerque
John F. Russell, II '69 JCG	Roswell

Officers of the Institute

(Year) indicates beginning of Institute service.

Administration

Superintendent/President

Jerry W. Grizzle, Major General, USARNG Ret (2009) Ph.D., Oklahoma State University

Executive Vice President

Judy A. Collins, Colonel, NMMI (1980) M.B.A., Eastern New Mexico University

Dean of Academics

Douglas J. Murray, Brigadier General, USAF Ret (2007) Ph.D., University of Texas

Commandant of Cadets

Richard V. Geraci, Brigadier General, USA Ret (2005) M.S., Florida Inst of Tech, M.A. Webster University,

Athletic Director

Dwight Burns, Colonel, NMMI (1978) (1984) B.S. Angelo State University

Vice Dean/High School Principal

George Brick, Colonel, NMMI (2007), M.S., Troy State University

Vice President of Enrollment and Marketing

Jeffery A. Savage, Lieutenant Colonel, NMMI (2007), B.S. Brigham Young University

Vice President for Facilities

David West, AIA, RLA (2005)

Director of the Toles Center for Academic Excellence

Jerome J. Klopfer, Colonel, NMMI (1984), MLS University of Michigan

Director of the Daniels Leadership Center

Sonia Cowen, (2003), Ph.D. Gonzaga University

General Information



The Corps of Cadets at New Mexico Military Institute operates within the framework of a military organization with a cadet chain of command, headed by a Cadet Regimental Commander, under the supervision of the Commandant of Cadets and his staff. Working closely with the regimental commander and other cadet commanders, the staff is composed of officers and noncommissioned officers of the U.S. Army in the Military Science Division and other highly trained professional leaders, either retired military or with military experience. Upon enrollment, new cadets become part of the Corps under the traditional "new cadet-old cadet" system. New cadets are generally assigned to rooms in the barracks with fellow new cadets of the same academic year. Periodically, they may have a roommate that is one class behind or ahead of them. As a new cadet, the cadet is trained and held to the

highest standards.

Academic Calendar

Fall 2009

Cadet leadership arrives	01 Aug 2009
Cadet cadre arrives	01 Aug 2009
New cadets arrive	6 Aug 2009
Old cadets arrive	13 Aug 2009
Advising	17 Aug 2009
High School classes start	18 Aug 2009
Junior College classes start	19 Aug 2009
End drop/add period	28 Aug 2009
Labor Day - no classes	7 Sep 2009
Progress reports	11 Sep 2009
Mid-term grades	16 Oct 2009
Penalty drop/add	23 Oct 2009
Veterans' Day - no classes	11 Nov 2009
Progress reports	13 Nov 2009
Thanksgiving break (after last class)	20-29 Nov 2009
Finals	14-17 Dec 2009
Term End/graduation	17 Dec 2009

Spring 2010

Cadet cadre arrives	04 Jan 2010
New cadets arrive	06 Jan 2010
Old cadets return	10 Jan 2010

Advising	11 Jan 2010
All classes start	12 Jan 2010
End drop/add	22 Jan 2010
Progress reports	5 Feb 2010
Presidents' Day - no classes	15 Feb 2010
Mid-term grades	12 Mar 2010
Spring break (after last class)	21 Mar 2010
Penalty drop/add	26 Mar 2010
Good Friday (no classes)	2 Apr 2010
Progress reports	9 Apr 2010
Finals	10-14 May 2010
Term end/graduation	15 May 2010

All dates from here are estimates/expected dates.

Fall 2010

Cadet Leadership/Cadre arrive	1 August 2010
Service Academy Preps arrive	4 August 2010
New Cadets arrive	5 August 2010
Old Cadets arrive	12 August 2010
High school classes start	17 August 2010
Junior college classes start	18 August 2010
End drop/add period	27 August 2010
Labor Day (no classes)	6 September 2010
Eastern NM State Fair	4 October 2010
Mid-term grading	15 October 2010
Penalty withdrawal (WF/WP)	22 October 2010

Veterans' Day (no classes)	11 November 2010
Thanksgiving break	19-27 November 2010
Last day of classes	10 December 2010
Final exams	13-16 December 2010
Fall Graduation/Commissioning	16 December 2010

Spring 2011

Cadet Leadership/Cadre arrives	4 January 2011
New Cadets arrive	6 January 2011
Old Cadets return	9 January 2011
All classes start	11 January 2011
End drop/add period	21 January 2011
Presidents' Day (no classes)	15 February 2011
Mid-term grading	11 March 2011
Spring break	11 - 20 March 2011
Penalty withdrawal (WF/WP)	25 March 2011
End of classes	6 May 2011
Final exams	9-13 May 2011
Graduation	14 May 2011
Barracks/dorm closed	15 May 2011

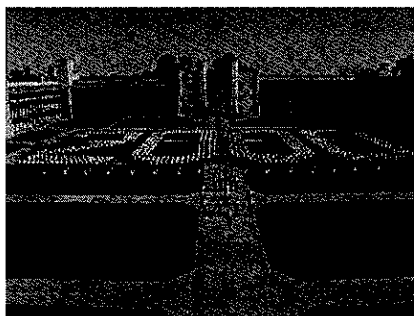
NMMI Historical Sketch

Historical perspective

Roswell, New Mexico dates back to 1866 when it, then known as Rio Hondo, was a cowboy outfitting station on a cattle trail. It acquired a post office in 1873 as well as the name Roswell. This area of Southeastern New Mexico around Roswell, the historic border between the Comanche and Mescalero Apache tribes, was then only sparsely settled.

In 1891, Captain Joseph C. and Mabel Lea invited Robert S. Goss to start a military school similar to the school Goss directed in Fort Worth, Texas. In September, Goss Military Institute opened its doors to twenty-eight pupils. Struggling as a result of poor management and insufficient funds, Goss Military Institute did secure designation as a territorial school and a new name, New Mexico Military Institute, but had to close its doors in 1895.

An appropriations bill passed by the territorial legislature and a generous donation by a resident philanthropist, J.J. Hagerman, of a forty-acre plot of land on North Hill helped reopen the doors of New Mexico Military Institute in its present location on September 6, 1898. The school provided then eight years of academic work and the cadets were organized into two companies. After the Institute inaugurated the junior college in 1915, the school offered four years of high school (NCA accredited, 1917) and two years of college work (NCA accredited, 1938).



New Mexico Military Institute gained special recognition as a military school receiving the distinction as one of ten such distinguished institutions in 1909. In addition to retaining this distinction ever since, the school became a member of the Reserve Office Training Corps program in 1916. Shortly thereafter, NMMI sent 320 alumni and 163 officers into its country's service during World War I. The school's service to World War II was virtually unparalleled with over 170 young men losing their lives.

After experimentation with a four-year college in the fifties, NMMI returned to its high school and junior college program. With the support of a strong Early Commission (ROTC) Program in the junior college and special NCA recognition (1980) as a college-preparatory high school, the school has persistently increased its emphasis in recent years on its academic programs. Annually, approximately seventy cadets prepare for admission to the national service academies and join nine hundred thirty other young men and women in meeting the challenges of one of the nation's most unique and finest preparatory schools.

Admissions Requirements

Click on any of the following links for information:

- [Admission Procedures](#)
- [Junior College Admission](#)
- [High School Admission](#)
- [Financial Assistance](#)

Students are accepted only at the beginning of the fall and spring term with no transfer-in during the semester. All applicants must be:

- Under 22 years of age
- Never have been married
- Have no dependent children
- In good physical condition
- Able to participate in athletic and leadership development activities
- Free of major disciplinary and / or drug or alcohol abuse problems.

In addition to meeting reasonable standards of good health, applicants to the NMMI high school and junior college must demonstrate a pattern of good conduct, a willingness to accept responsibilities for their actions and a respect for others. Applicants must also meet academic, physical and English language competency standards as part of their admission, which may exclude cadets with specific disabilities. They must have exhibited the capacity to adjust to and work effectively in a closely supervised, highly disciplined and occasionally stressful environment as well as the ability to live independently in a dormitory setting.

All cadets are required to participate in certain physical activities (e.g., marching with a rifle in formation, running the obstacle course, intramural athletics), all considered essential to the traditions of a military school and to the development of individual leadership skills and a sense of camaraderie as a member of the Corps of Cadets.

1. Physical standards considered disqualifying for admission:
 - o Active epilepsy,
 - o Diabetes requiring special diet and insulin therapy,
 - o Blindness,
 - o Deafness,
 - o Chronic renal disease,
 - o Chronic cardiac disease,
 - o Severe symptomatic asthma,
 - o Any severe neuromuscular or orthopedic disease or any other substantial physical limiting condition, which, in the opinion of the medical staff, would interfere with the cadet's performance and physical activity in accordance with New Mexico Military Institute's requirements,
 - o A medical or behavioral condition that could preclude their participation in required physical and academic programs will be reviewed by the medical staff to determine eligibility,
 - o Inability to participate fully in required physical activities.
2. Behavioral/health standards considered disqualifying for admission:

- o Any felony criminal conviction,
- o Any other conviction where the cadet is still on probation, or under the jurisdiction of the courts adjudication phase. This includes charges that have not been fully resolved because of pending court dates, directed educational programs or community service or mandatory counseling requirements,
- o Any permanent dismissal from any school,
- o Been suspended three or more times from schools attended within the last three years,
- o Any attempted suicide,
- o Manic-depressive disorder, evidence of emotional disturbance, bipolar disorder, regularly scheduled psychological counseling or any other severe psychological disorders or limiting condition which in the opinion of the medical staff would interfere with the cadet's ability to function satisfactorily at the New Mexico Military Institute.
- o Demonstrated inability to meet the existing NMMI academic requirements without significant accommodations that would alter the academic mission of the Institute,
- o A drug addiction,
- o An alcohol addiction,
- o Inability to participate in the existing college preparatory or university parallel required academic programs.

Acceptance decisions are made without regard to disabilities and in accordance with state and federal law, and are nondiscriminatory.

Admission Procedures

Cadets must be physically and mentally sound and meet the academic requirements for admission in order to participate fully in the Institute's programs. (Chronic or acute disabilities existing before or after matriculation are causes for dismissal.)



The application for admission can be completed on-line from the NMMI Home Page without an application fee or by completing and submitting a paper application to the Admissions Office with a check or money order for \$85.00 (payable to NMMI) Of the \$85.00 fee, \$10.00 of this amount is an application processing fee and is not refundable. The remaining \$75.00 is a deposit and is subject to the conditions set forth on the application. Under some circumstances, the Vice President of Enrollment may waive the fee.

The family physician must fill out the NMMI physical form in its entirety and return it to the Admissions Office. If a DoDMERB has been completed on the applicant within one year of the date of application, it may be substituted.

A former NMMI cadet reapplies for readmission by submitting a readmission form and a formal application signed by the parent or guardian (or by the cadet if 18 years of age or older). If readmitted the cadet will be classified based upon the academic and disciplinary status that had been established upon departure. I

Junior College Admission

New cadets are admitted only at the beginning of the Fall and Spring semesters at New Mexico Military Institute.

The New Mexico Military Institute admits college freshmen from regionally accredited high schools (or foreign equivalents) to its Associate of Arts or Associate of Science degree under one of three sets of criteria:

1. Minimum of a 2.0 average or better on a 4.00 scale for all high school core courses (humanities, mathematics, sciences, computer science and social sciences) with a satisfactory ACT/SATR score or
2. Minimum of a 2.5 average on a 4.0 scale and graduating in the top 50% of their class or
3. Meet/go before the NMMI Admissions Committee for review.

NOTE: NMMI reserves the right to admit those candidates it determines to be best qualified for entrance.

In some cases, a candidate with an acceptable (NM - 45) score on the General Education Development (GED) examination may be accepted.

Those cadets seeking a commission should also refer to the section for admissions requirements into the Contract Senior ROTC Program leading to the US Army Reserve Commission.

Foreign cadets whose primary language is not English must have a score of 500 (paper based test) or 173 (computer) or better in the Test of English as a Foreign Language (TOEFL), and may substitute these tests for the ACT.

TOP

High School Admission

New cadets are admitted only at the beginning of the Fall and Spring semesters.

Third Class (senior) - Must have a 2.25 cumulative grade point average for high school work, meet minimums on NMMI entrance exam and be interviewed.

Fourth Class (junior) - Must have a 2.25 cumulative grade point average for high school work, meet minimums on NMMI entrance exam and be interviewed.

Fifth Class (sophomore) - Must have a 2.50 cumulative grade point average for ninth grade work, meet minimums on NMMI entrance exam and be interviewed.

Sixth Class (freshman) - Must have a 2.50 cumulative grade point average for seventh grade and eighth grade work, meet minimums on NMMI entrance exam and be interviewed.

Foreign cadets whose primary language is not English must have a score of 55 or better on the written Secondary Level English Proficiency (SLEP) exam. In addition a minimum score of 27 on Section 1 (listening) and a score of 26 on Section 2 (reading) are expected. The SLEP exam may be substituted for the NMMI entrance exam.

Accepted applicants are placed in classes at New Mexico Military Institute in accordance with the number of credits earned at the time of initial enrollment. Progress through the curricular requirements is performance rather than time based. Curricular requirements will not be waived.

Based on the counsel of the academic advisor and on demonstrated academic ability, a high school junior or senior may be permitted to take college courses concurrently with high school courses, either for high school and/or college credit (co-enrolled for high school and college credit) with permission of the high school Principal or Academic Dean.

Graduation: A third class new cadet must earn a minimum of four units credit at NMMI and spend two semesters in residence. (Note: Successful completion of NMMI English courses 4A & 4B and a minimum of one year of NMMI mathematics at the Algebra 2 level or above are required for high school graduation.) A maximum of one unit credit earned after leaving the Institute in good standing may be submitted to fulfill graduation requirements. The appropriate academic division head and the Academic Dean must approve post-NMMI courses to meet graduation requirements.

Foreign Student Immigration Requirements: Section 641 of the Illegal Immigration Reform and Immigrant Responsibility Act (IIRIRA) of 1996 led to the creation of an inter-agency initiative known as the student Exchange and Visitors Program (SEVP). SEVP is designed to improve processes for foreign students and exchange visitors holding F, J and M visas and schools, colleges and other organizations sponsoring programs for these visa holders.

The management of the New Mexico Military Institute is charged with the responsibility of providing the Board of Regent's reasonable assurance of compliance with all relevant laws and regulations related to foreign students.

Upon acceptance to NMMI, a foreign student will be issued an I-20 form that they must present to a Consulate office in their country for review. The reviewing consulate will issue a student visa if they approve the students' request.

All foreign students must have a student visa (F-1 status) or other approved student status documents prior to arrival at NMMI. NMMI will review all immigration documents upon the students arrival and will also monitor the student's status throughout the school year as deemed necessary by Admissions.

Students must have in their personal possession all documents, e.g. passport, I-20, visa, I-94 etc. during their attendance at NMMI. Failure to comply with immigration requirements may result in suspension from NMMI.

For more information, please visit www.immigrationdirect.com/visas/student/index.jsp.

Financial Assistance

The New Mexico Military Institute provides an extensive program of cadet financial assistance. The program has two distinctive areas. One area involves the various federal student aid programs and requires proven financial need. These programs are limited to college cadets. The second area of assistance involves institutional scholarships available to both high school and college cadets. Cadet or prospective cadets with a genuine financial need may secure information by contacting the Director of Financial Aid, New Mexico Military Institute.

Academic General Information

Click on any of the following links for information:

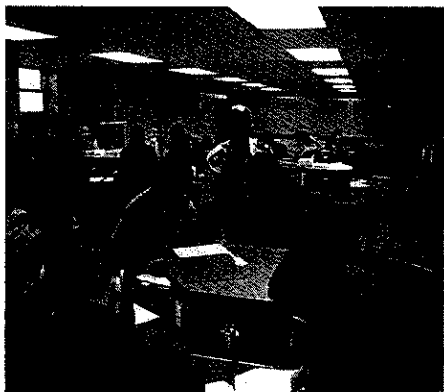
- [Academic Affairs](#)
- [Message from the Dean](#)
- [Academic Organization](#)
- [Authority in Academic Affairs](#)
- [Academic Requirements and Policies](#)
- [Academic Resources](#)
- [NMMI Assessment Statement](#)
- [New Mexico General Education Transfer Module](#)
- [Superintendent's List](#)
- [Dean's List](#)
- [Commandant's List](#)
- [Phi Theta Kappa \(Junior College\)](#)
- [National Honor Society \(High School\)](#)
- [National German Honor Society \(High School\)](#)
- [US Academy Preparation \(Prep\) Program](#)
- [Suspension, Withdrawal and/or Dismissal Policy](#)

Academic Affairs

Message from the Dean

Since our founding in 1891, academic excellence, a distinguished faculty, and a heritage of preparing our students to become tomorrow's leaders have been the centerpiece of New Mexico Military Institute. NMMI offers a unique learning experience built upon a curriculum that is mission directed, a comprehensive approach entailing education, training, and experience, and a totally integrated high school and college learning environment.

Academics at NMMI is founded upon teaching the fundamentals in English, Math, Science, language and communication, but enhanced by the knowledge and abilities required of leaders of the millennium generation. Our approach combines a traditional learning focused methodology



with the most current state of the art and appropriate educational technologies. The cornerstone of learning at NMMI is a close all encompassing faculty student relationship enabled by morning, afternoon, and evening one on one and group tutoring opportunities.

Among America's learning institutions, NMMI is unique because it integrates a four-year college preparatory high school curriculum with that of a two-year university parallel junior college. For this reason we do not think of NMMI as a collated high school and junior

college but as a six year seamless learning experience in which each student progresses as fast and as far as their capability, potential, and vision permits. Academic resources and individually tailored programs provide a learning flexibility not common elsewhere providing the opportunity for exceptional students to achieve a high school diploma and an Associate Degree nearly concurrently.

At NMMI we seek and welcome a spectrum of students from across the nation, and the world, who while differing in abilities, have in common a potential and passion to learn. Our students and faculty engage one another as they examine new ideas and challenge old ones. We view education as a shared responsibility among our faculty, students and parents. Clearly defined learning outcomes are continually assessed through a rigorous process, based upon understanding, confirming, and improving our curriculum.

We invite and welcome you to be a part of our learning experience and to graduate prepared to lead your generation.

Academic Organization

Academic offerings are grouped into five divisions each headed by an Associate Dean who exercise close supervision over course content and instructional procedures. The divisions are Humanities (including art, English, foreign languages, communications, philosophy, and music); Natural Sciences and Mathematics (including biology, chemistry, geology, physics, and mathematics); Social Sciences, Business Administration, and Security Studies (including criminal justice, business, political science, history, sociology, psychology and computer concepts); Health, Physical Education and Physical Performance; and Leadership and Behavioral Sciences (including Junior and Senior ROTC - senior (college) ROTC programs are operated by active duty and non-commissioned officers of the Department of the Army while Junior ROTC offers leadership courses for the high school).

Courses are offered leading to the high school diploma, Associate in Science and the Associate in Arts degrees. Pre-professional curricula at the college level addresses concentration areas and specializations.

The Institute's college programs are accredited by the Higher Learning Commission of the North Central Association. The high school academic program is identified by the North Central Association Commission on Accreditation and School Improvement as "College Preparatory." The Institute does not offer vocational-technical programs. NMMI is proud to have been accepted as a member of the North Central Association Academy for Assessment of Student Learning (Assessment Academy).

Authority in Academic Affairs

The Board of Regents have final authority in all academic matters pertaining to high school and college cadets. The Dean is primarily responsible for addressing academic procedural matters.

The New Mexico Military Institute Board of Regents' reserves the right to change or withdraw, without notice, courses, curricula, policies, tuition, fees, or any other matter contained in this catalog. Such changes are recorded in the Registrar's Office.

An entering college cadet falls under the requirements stated in the catalog at the time of admission or the catalog in effect at the time of return. A college cadet may elect to change to the current catalog upon written request.

Academic Requirements and Policies

New Mexico Military Institute is first and foremost a strong academic institution. The policies in the academic area are designed to underscore this fact to maintain the strong reputation of the degrees and diplomas held by NMMI graduates. Failure to meet minimum academic standards can lead to suspension.

Honor Code/Academic Forgiveness

The normal repeat policy for NMMI is to grant credit only for the highest grade. However, if a cadet taking a college course is found in violation of the honor code by cheating, the cadet will receive a grade awarded by the instructor (normally an "F" grade) for that course. Any repeat of that course will be assigned both grades (no academic forgiveness) for the GPA. Thus a cadet may receive both the "F" and any subsequent letter grade earned.

Academic Resources

Center for Academic Excellence

The Center for Academic Excellence (CAE) offers programs, activities, and strategies to support and enable cadets to experience academic success, maximize learning potentials, produce high quality work, succeed in a multi-cultural world, and be prepared for a full range of options and opportunities. Cadets can get help with time management, reading and writing enhancement, math strategies, general study skills, ACT/SAT preparation, and seek information on how best to prepare for furthering their education. Formal courses, group seminars, individualized help, and intern programs are offered to assist cadets to reach academic and life goals.

Paul Horgan Library

The library offers cadets opportunities for intellectual growth and disciplined within a very comfortable and user-friendly environment. An educated person must locate, interpret, and apply information on many subjects in a variety of presentation formats. To be college-ready cadets must analyze, evaluate, and synthesize information from varied sources. In so doing, they will acquire knowledge and skills which will contribute to a life of learning with a global perspective

Organized using the Dewey Decimal System, the collection contains over 70,000 items including reference and circulating books, periodicals, and audio-visuals in DVD, CD, MP3, and VHS formats. Our Web page connects cadets to our on line library catalog, and access to thousands of electronic magazines and journals. It is also our gateway to World Catalog a union catalog of most of the academic and public library collections in the United States. It allows us to borrow resources from other libraries through inter-library loan.

College and Career Services Lab

The Career Lab has an extensive collection of college catalogs, view-books and brochures, college videos, testing information, test preparation programs and applications. Through Web connections, cadets may search information on colleges and universities and make on-line applications.

The College & Career Services Coordinator advises cadets at the college level and provides training and in-service for faculty advisors. Individual career counseling, skills assessment and interest inventories are also provided to both high school and junior college cadets.

The ACT/COMPASS computer-based test, and the DISCOVER on-line search programs are two of the resources available in the College & Career Services lab. The COMPASS program will assess reading, writing, math and English comprehension of students. The DISCOVER Program provides comprehensive career development.

Academic Advising and College Placement (High School)

New Mexico Military Institute has a centralized advising system for high school cadets located in the High School Counseling Center in the Franklin Student Assistance Center (SAC), and a faculty advising system for college cadets. Each cadet is assigned an academic advisor upon enrollment at New Mexico Military Institute. Each high school advisor/counselor is responsible for one high school grade level, moving progressively with that class from sixth class to graduation. A system of developmental advising is implemented for high school cadets whereby the advisor assists the cadet through a series of advising classes and identifying educational and personal goals.



Beginning in the Sixth Class year, advisors introduce cadets to time management and study skills, goal-setting and interest inventories, and introduced to standardized test taking. The Fifth Class educational expectations are guided by PLAN testing forming the foundation for setting long and short term goals. The Fourth Class begins the college planning process, identification of potential majors and search for appropriate colleges. Additionally, juniors take the PSAT, ACT, TOEFL and SAT, if desired. College plans and applications are finalized in the Third Class year

culminating in final college choices, applications, scholarship searches and final testing.

High school counselors work closely with Troop Leadership Advisors to mentor, counsel, advise and advocate for the cadets, establishing a rapport and a caring attitude toward them and providing support for them as they learn to deal with the obligations in academics and in the Corps of Cadets, as well as the pressures of being away from home. High school counselors act as a resource person providing information on a myriad of topics such as course requirements, learning resources, job markets and selection of colleges after NMMI. They are a liaison between the parents and the teaching faculty, Commandant's Office and Counseling Center to help assure that the cadet is given every avenue available to succeed. Finally, they coordinate preparation of the cadet's graduation plans and provide guidance to the cadet in the achievement of individual academic goals.

Specialists in personal counseling and academic guidance and counseling are available to all cadets. They provide cadets with career and educational information as well as administer and interpret achievement tests and interest inventories. The New Mexico Military Institute serves as a regional test center for Educational Testing Service's testing programs (PSAT, SAT I, SAT II, GRE, and CLEP) and the American College Testing Programs (EXPLORE, PLAN and ACT). The

Student Assistance Center maintains these regularly updated materials for cadet use: general and specialized college guides and directories, a computerized "ACT's DISCOVER" program on colleges, careers and financial aid; college catalogs and view books, books and pamphlets; videos; general and specialized financial aid guides and directories; college admissions and recruiting materials; admission application materials for schools regularly attended by New Mexico Military Institute graduates; and specialized guidance materials for preparation for careers.

NMMI Assessment Statement

At NMMI assessment is an embedded continuous process for understanding confirming and improving cadet success. NMMI's commitment to assessment is being realized by the Institute's involvement in the North Central Association's Assessment Academy. The Institute has created an Assessment Academy Task Force to guide and lead assessment activities across all mission elements.

NM General Education Transfer Module (College)

During the 2005 New Mexico Legislative session, Senate Bill 161, consistent with the requirements of state law, was signed into law to further enhance and facilitate the articulation of general education courses among New Mexico's colleges and universities. Designated general education core course, successfully completed at any regionally accredited public institution of higher education in New Mexico are guaranteed to transfer to any New Mexico public institution.

The New Mexico Common Course Number (NMCCN) is a four alpha prefix that identifies the subject area and then four digits each having a specific meaning. The first digit represents the course level (1 - freshman, 2 - sophomore etc.), the next two represent the sequence of the course, while the last represents the credit hours assigned to the course.

For example: ENGL 1113 is the general freshmen composition course required at all schools, 1 (College Freshman) 11 (sequence number) 3 (credit value). A course of ENGL 1093 would be a lower level college level course, while ENGL 0113 would be a developmental English course. ENGL 1123 - sequence 12 or Freshman Composition II; ENGL 2113 - 2 (College Sophomore) - 11 (sequence at the sophomore level) - 3 (credits).

Lower Division General Education Transfer - Junior College

Area I: Communications	9 semester hours
College level English Composition	3-4 hrs
College level Writing (2nd course)	3 hrs
Public Speaking	3 hrs
Area II: Mathematics	3 semester hours
College Algebra (or higher)	3 hrs
Calculus	3 hrs

Other College-Level Mathematics	3 hrs
Area III: Laboratory Science (<i>class and lab</i>)	8 semester hours
General Biology	4-8 hrs
General Chemistry	4-8 hrs
General Physics	4-8 hrs
Geology/Earth Science	4-8 hrs
Astronomy	4-8 hrs
Area IV: Social/Behavioral Sciences	6-9 semester hours
Economics (Macro/Micro)	3 hrs
Introductory Political Science	3 hrs
Introductory Psychology	3 hrs
Introductory Sociology	3 hrs
Introductory Anthropology	3 hrs
Area V: Humanities and Fine Arts	6-9 semester hours
Introductory History (Survey)	3 hrs
Philosophy	3 hrs
Introductory course in History, Theory, Arts (Aesthetics), Literature	3 hrs
	Total: 35 Hours

Superintendent's List

To qualify for the Superintendent's List a cadet must earn a minimum GPA of 3.50 (both high school and college). The high school cadet must be carrying a load of five solid subjects and the college cadet a minimum of 14 semester hours. Additionally, the cadet's department grade must be an "A." Cadets who take grades of Incomplete are not eligible for the Superintendent's List in the semester in which the Incomplete is received. Credits from developmental courses will not apply.

Dean's List

To qualify for the Dean's List a cadet must earn a minimum GPA of 3.25 (both high school and college). The high school cadet must be carrying a load of five solid subjects and the college cadet a minimum of 14 semester hours. Additionally, the cadet's department grade must be an "A." Cadets who take grades of Incomplete are not eligible for the Dean's List in the semester in which the Incomplete is received. Credits from developmental courses will not apply.

Commandant's List

To qualify for the Commandant's List a cadet must earn an "A" or "B" in department and have a GPA of 2.75 or higher during a semester (both high school and college).

Phi Theta Kappa (Junior College)

New Mexico Military Institute maintains a chapter of the junior college honor society Phi Theta Kappa. Election to the society rewards academic excellence and provides additional opportunities for leadership training. Junior college cadets carrying a full academic load, possessing recognized qualities of citizenship, and holding a 3.25 cumulative GPA in non-remedial courses will meet the minimum qualifications for membership. A or B in department.

National Honor Society (High School)

The National Honor Society Chapter enables the faculty to select and recognize those members of the 10th, 11th and 12th grades who are outstanding scholars and leaders. Each cadet chosen has demonstrated academic ability, leadership, character, and service to his/her peers. Naturally, the honor becomes more difficult to attain as the student matures and course work becomes more difficult. Thus, membership at the 12th grade level is a major criterion for acceptance by leading colleges. National Honor Society selection at NMMI requires a 3.4 or higher cumulative GPA.

Graduation Awards/Honors

At the last formal grading period prior to graduation, the Registrar assess all graduating cadets to place the top cadets (at this grading period) in Highest Honors, High Honors and Honors. The Registrar then publishes this listing for staff, faculty and cadets. Faculty must ensure that all grades are in on cadets in these categories NLT Friday before graduation. When all grades are in, the Valedictorian and Salutatorian are determined based on final grades. The actual final honor/award is not posted to the transcript until all grades are final, official and grading is closed.

US Academy Preparation (Prep) Program

NMMI participates as a receiving school for the service academy preparatory programs. The non-profit Foundations from the Air Force, US Military Academy, and the Naval Academy sponsor qualified students to attend NMMI for one year and participate fully in both the academic program and the Corps of Cadets. Additionally, the SEAGRITS program sponsors students to attend NMMI for a year prior to being appointed to the Coast Guard Academy. NMMI also supports a similar program with the Merchant Marine Academy. Following a successful year at NMMI, these cadets receive appointments to the academies.

Suspension, Withdrawal and/or Dismissal Policy

Class Attendance

Attendance at all scheduled classes is mandatory and considered essential to the discipline and education of each cadet. For each unexcused absence from class, the cadet will receive tours and demerits. A cadet with more than 10 unexcused absences in an academic year is subject to suspension.

Class Drop-Add Procedures

Cadets may add classes through the first two weeks of a semester.

Cadets who wish to drop a course must initiate the drop with the academic advisor. High school cadet drops are then routed through course instructor to the Associate Dean, the Principal and then forwarded to the Registrar.

The last day for cadets to drop a class with a (W) is the Friday of the 10th week of classes.

Grades/Grading System

NMMI's grading system is a 4.0 system with no extra credit given for honors or college courses. Grades with a "T" or "D" prefix are special grades for either transfer work (TA, TB, etc.) or department (DA, DB, DC, etc.). Transfer grades will show on transcripts, however, department grades will only show on progress reports. "TR" grade is a special transfer grade, awards credits toward graduation, but will not affect the GPA directly.

A-, A, A+	Excellent (90-100)	4.00
B-, B, B+	Above Average (80-89)	3.00
C-, C, C+	Average (70-79)	2.00
D-, D, D+	Below Average (60-69)	1.00
F	Failing	0.00
W	Withdrawn	
WP	Withdrawn while passing (WP/WF used after the 10th week of school)	
WF	Withdrawn while failing and affects the GPA	0.00
I	Incomplete (semester grade)	
	(I) must be made up within one semester after awarded or it becomes a grade of "F".	
S	Satisfactory	

P	Pass	
TR	Transfer grade counts towards total credits earned not GPA credits	
TA, TB, etc.	High School transfer grades used to indicate the grade transferred from another school and factored into GPA. Same as letter grade. Only used prior to first enrollment at NMMI.	Same as letter grade
DA, DB, etc.	Letter grade for deportment as in DA, DB, etc.	

Cadets may retake a course in an attempt to raise a grade. If a higher grade is made the second time the course is taken, the lower grade is removed from the overall GPA but remains on the transcript. However, credit hours may not be awarded twice for the same course. If taken outside of NMMI, a "TR" grade will not affect GPA (cumulative) unless the first grade is a failure.

Academic/Discipline status/standing

While in attendance at NMMI a grade point average of 2.00 is required of all cadets in order to maintain "good academic standing." Any NMMI cadet whose GPA falls below 1.50 at the end of a semester may be suspended. Any NMMI cadet whose GPA falls below 1.75 at the end of a semester is placed on Academic Probation. The cadet then has one more semester in which to attain a GPA of 1.75 or better. Failing to do so, may result in academic suspension. Any cadet whose GPA falls below 1.75 will be reviewed by the Academic Review Board. For academic standing awards only, the department grade must be as follows: Superintendent/Dean Lists - A (DA); Commandant List - A/B (DA/DB); Good Standing - A/B/C (DA/DB/DC), no award, Academic Probation, Academic Suspension (any department grade).

Suspended cadets (academic or deportment) may apply for readmission to the Institute after one full semester; however, dismissed cadets may not. A cadet who has been placed on suspension may apply for permission to enroll at NMMI after a break of at least one semester. The application for readmission must include evidence that the cadet's record has improved to the extent that success at NMMI is highly probable. A cadet who is suspended (deportment) may regain good standing status (as shown elsewhere in the catalog) and if gained, may transfer work back (as specified in respective high school/college sections) to meet graduation requirements.

The Registrar will report a cadet's conditional admission and enrollment or probationary status to the cadet, the cadet's parents, advisor, and the Dean.

A cadet whose name has been published in the Daily Status Report under the category of Dismissed, Suspended, Withdrawn or "Drop From Rolls" is not permitted to take final examinations nor participate in any further academic assignments. Cadets who have been suspended must regain "good standing" within the academic division (college or high school) from which they departed before they may be permitted to participate in challenge examinations and/or be awarded a diploma or degree. Normally a cadet regains "good standing" after the application for enrollment has been approved by the Admissions Committee and the cadet attends academic classes for a semester. Enrollment in NMMI summer classes will not affect good standing. However, a cadet, otherwise eligible to return to NMMI at any time, may regain "good

standing" upon the recommendation of the Commandant (if department) or the Academic Dean (if academic) with the approval of the Superintendent/President.

Final grades and suspension policy. Cadets must complete the last scheduled day of classes and if suspended/dismissed on or before that day they will receive a WP/WF (college) or W (high school) on their transcript. High school cadets will receive withdrawal grades for the gaining school to use for transfer. If the cadet is suspended after the last day of classes (1515 hours), but before or during finals the cadet will receive a final grade for the class computed with a zero grade for finals not yet completed. Any cadet suspended or dismissed prior to graduation will not graduate with his/her class. Suspended cadets must regain good standing to receive their diploma.

Cadets who complete all course requirements, including final exams, will receive letter grades on their transcripts for all courses so completed. However, if a cadet completes all work toward a high school diploma or associate degree but is dismissed or suspended just prior to graduation but after the last day of classes, that cadet will not receive their diploma or degree, nor take part in graduation. The transcript will be annotated "Met NMMI requirements for graduation. Diploma not awarded. Cadet withdrew." However, a cadet, otherwise eligible to return to NMMI at any time, may regain "good standing" upon the recommendation of the Commandant (if department) or the Academic Dean (if academic) with the approval of the Superintendent/President.

For cadets in the military who withdraw due to a military emergency (national defense purposes) the following conditions apply. Non-graduating cadets withdrawing prior to the 12th week of classes will receive a "W" and a full refund of all tuition and fees. Non-graduating cadets withdrawing after the 12th week will receive full credit for the course if they have earned a letter grade of "C" or better. For classes where the grade is below a "C", the cadet will receive a "W" grade and a refund of that fee. Graduating cadets who have completed at least nine weeks of work with a grade of "C" or better may be eligible for graduation, if their work, all other academic work, Corps requirements and financial requirements are complete at the time of withdrawal.

NMMI Information

Click on any of the following links for information:

- [Corps of Cadets](#)
- [Class Designations](#)
- [Commandant of Cadets](#)
- [Honor System](#)
- [Furloughs](#)

Corps of Cadets

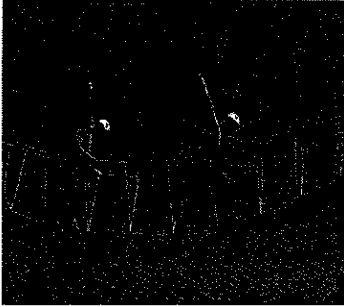
The Corps of Cadets is rich with tradition and is essentially a leadership laboratory. It is an important experiential learning environment which substantially contributes to cadet learning and development. The Corps operates within a structured military environment with a cadet chain of command under the direct supervision of the Commandant of Cadets and his staff. The cadet chain of command is composed of senior cadets who have demonstrated the ability to supervise and train junior cadets. Cadets are trained and held to the highest standards with the following learning outcomes:

1. Know and live by NMMI standards of conduct and personal appearance.
2. Demonstrate self-control, self-discipline and personal accountability.
3. Adhere to the Honor Code, displaying ethical and moral behavior.
4. Become a productive and supportive team member.
5. Embrace respect and consideration for others.
6. Develop excellent time management skills and an eye for attention to detail.
7. Demonstrate respect for authority, military bearing and social etiquette.
8. Demonstrate positive character development and personal integrity.
9. Successfully live in a shared community environment, develop a healthy lifestyle and habits.
10. Make the right choices and avoid high risk behavior.
11. Demonstrate knowledge of NMMI customs and traditions.
12. Become a positive leader with an understanding of authority, responsibility, and accountability.

Cadet Status and Class Descriptions

All cadets are categorized as either RATs (Recruits at Training), New Cadets, Yearlings or Old Cadets as part of the traditional New Cadet/Old Cadet system. Cadets are RATs for the first six weeks of their first semester at NMMI. At the six week mark, all RATs become New Cadets and continue their training as the newest members of the Corps of Cadets.

Yearling cadets (second semester in college or second year of high school) continue to hone their management and leadership skills. They may be given supervisory responsibilities over new cadets. During this period, cadets are carefully coached, mentored and evaluated by adult Troop Leadership Advisors on their management skills and leadership development.



Old cadets (at least one year college or two years high school) are the primary leaders in the Corps, having the responsibilities of training the new cadets, monitoring and helping the progress of the yearlings and running day-to-day Corps operations and activities. Their performance is periodically assessed through leadership development and training exercises. They are expected to lead by example and enforce the school standards outlined in the Cadet Blue Book.

All full-time cadets are required to be unmarried (never been married), without dependents, and resident members of the Corps of Cadets, to participate in military science and physical education activities, and wear the cadet uniform.

Class Definitions

Sixth Class (high school freshman). Approximately 65-100 high school freshmen are admitted to New Mexico Military Institute each year.

Fifth Class (high school sophomore). A cadet must have completed five-and-one-half academic units that apply toward the high school diploma. English I must be one of the units submitted.

Fourth Class (high school junior). A cadet must have completed eleven academic units to include English I and II that apply toward the high school diploma.

Third Class (high school senior). A cadet must have completed seventeen academic units to include English I, II, and III that apply toward the high school diploma and have completed all but one unit in each of the core curriculum sequences.

Second Class (college freshman). A cadet must have a high school diploma or an equivalent from an accredited high school or a GED, and meet other minimum admissions requirements.

First Class (college sophomore). A cadet must have completed 32 academic units that apply toward the associate degree and one semester in residence at the college level.

Commandant of Cadets

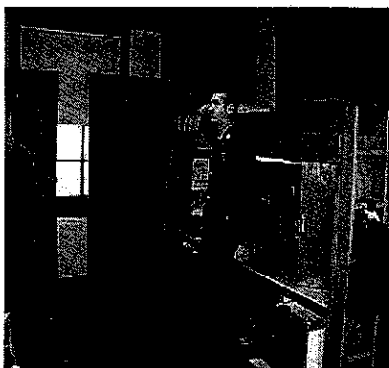
The Commandant of Cadets, similar to a Dean of Students, exercises command supervision over the Corps of Cadets. The Commandant and his staff monitor the activities of the Corps of Cadets 24 hours a day, seven days a week. The Commandant's responsibilities include:

- Ensuring the security, safety, health and welfare, physical readiness, accountability, mentorship, and leader development of every cadet
- Overseeing the disciplinary system and disposition of disciplinary issues
- Overseeing the Honor Code system run by the cadet Honor Board

- Maintaining a positive leadership environment and a culture of discipline in which each cadet can achieve academic excellence and physical readiness to maximize his/her potential
- Overseeing barracks assignment/maintenance, cadet services and support, cadet activities and entertainment, community interaction, military training within the Corps and most issues affecting daily cadet life.

The Commandant is supported in his duties by two Deputy Commandants; two Counselors; a Chaplain; a Protocol, Cadet Activities and Entertainment Coordinator; an administrative office staff; the staffs of both Junior and Senior Army ROTC; the Troop Leadership Advisors (TLAs); and the Campus Police.

Troop Leadership Advisor



The Troop Leadership Advisor (TLA) is directly responsible for the safety, security, health and welfare, mentoring, counseling, leadership development, discipline and accountability of the cadets assigned to his/her troop. He/she is responsible for helping every cadet realize his/her full potential by maintaining a positive leadership environment in which every cadet can achieve academic excellence, become a leader of character and develop a desire for lifelong physical fitness. A TLA plays a crucial role in interacting with cadets on a daily basis to develop the "whole person". The Troop Leadership Advisor (TLA) is a key member of the Commandant's staff and the individual most knowledgeable of each cadet and the activities that he/she is involved with on campus. The TLA directly supervises the leadership development of those cadets assigned to the Troop and focuses on the maintenance of good order, discipline, and daily cadet life within their troop. The TLA enforces regulations, policies, and procedures directly impacting the morale, welfare, administration, activities and training of up to 80 cadets. The TLA works to cultivate a positive rapport and regular communication with cadets, parents, guardians and members of the faculty and staff.

Disciplinary System

New Mexico Military Institute provides a rewarding yet demanding learning environment focuses on the "whole person." Not everyone who applies can meet the challenges of the NMMI experience. Adherence to established standards by all cadets is at the core of leadership development and those standards must be met in order to remain a NMMI Cadet. The Institute reserves the right to dismiss, suspend, or otherwise penalize any cadet who does not properly adapt to academic, disciplinary and/or physical readiness requirements. Among the offenses that may result in suspension or dismissal are those considered to undermine the purposes, goals and mission of the Institute and compromise the standards

of character and conduct expected of all cadets. These include: hazing or endangerment of any cadet; sexual misconduct; disgraceful or refractory behavior; use or possession of illegal drugs and drug paraphernalia and misuse of prescription drugs; alcohol or tobacco products; possession of weapons, knives or explosive devices; unexcused absences; or any conduct that may bring discredit upon the Institute. NMMI Policy documents, Commandant Policy letters, the Blue Book, and the NMMI Operations and Procedures Manual provide in detail the policies pertaining to the aforementioned offenses.

Lesser offenses will result in demerits, marching tours (punishment), loss of privileges and/or restriction to the campus. An excessive number of demerits is regarded as a failure or inability to adjust satisfactorily to the NMMI standards and may result in disciplinary probation or suspension. Poor academic performance may also result in academic probation or suspension.

Honor System

The Honor Code and Honor System of the Corps of Cadets at NMMI belong to the Corps of Cadets and operate under the sanction of the Commandant of Cadets. The Cadet Honor Code and System, adopted in 1921 by a unanimous vote of the Corps of Cadets, is officially recognized as the primary means by which character development is accomplished at NMMI. Simply stated: A cadet will not lie, cheat, steal, nor tolerate those who do. Every cadet is



obligated to support and enforce the Honor System. Violations of the code may result in serious disciplinary action, suspension or dismissal based on the recommendations of the Cadet Honor Board/Committee as finally determined by the Commandant of Cadets. New cadets are fully trained in all aspects of the Honor System, and prospective cadets are encouraged to consider carefully the implications of intolerance before joining the Corps. The Cadet Honor Manual details policies pertaining to violations of the Cadet Honor Code

The normal repeat policy for NMMI is to grant credit only for the highest grade. However, if a cadet taking a college course is found in violation of the honor code by cheating, the cadet will receive a grade awarded by the instructor (normally an "F" grade) for that course. Any repeat of that course will be assigned both grades

(no academic forgiveness) for the GPA. Thus a cadet may receive both the "F" and any subsequent letter grade earned.

Furloughs

A furlough is a designated and authorized time when a cadet may leave NMMI overnight. Authorization for furloughs is directly related to class status, activities on the training schedule, academic grades and department grade. A cadet whose grades or department fall below a "C" average loses his/her furlough privilege. Furloughs are taken only on specific weekends designated by the Commandant of Cadets. There are three major furloughs

during which all cadets must leave NMMI, Thanksgiving, Christmas, and Spring Break. The barracks and facilities are closed during these extended break periods.

NMMI Leadership Program

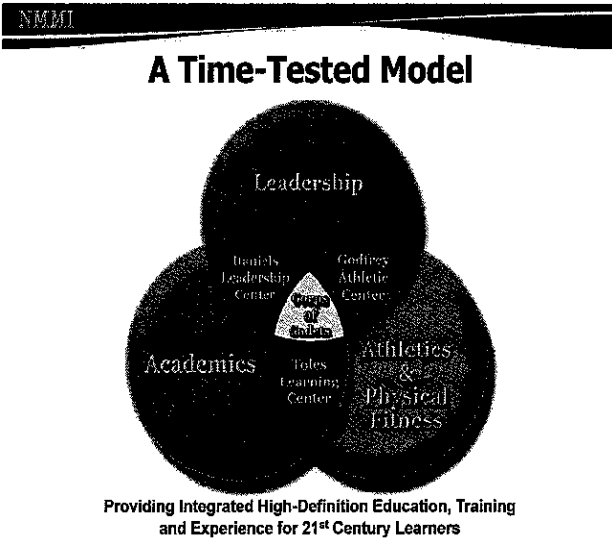
The NMMI Leadership model integrates a comprehensive learning approach to include education, training and experience. Education entails knowledge, training entails skills and experience entails application. At NMMI experience is achieved in our three centers of excellence.

Click on any of the following links for information:

- Toles Learning Center
- Daniels Leadership Center
- Godfrey Athletic Center

NMMI Leadership Model/Process (below is a PDF link to the NMMI Leadership Model - Venn Diagram)

Leadership Process



Center for Academic Excellence

As this catalog goes to press, the Center for Academic Excellence is under development in the Toles Learning Center. Some but not all programs will be available in Fall 2008. The purpose of the Center is to offer programs, activities, and strategies to support and enable cadets to experience academic success, maximize learning potentials, produce high quality

work, succeed in a multi-cultural world, and be prepared for a full range of options and opportunities for their future. Help and resources will be available in developing time management skills, reading and writing enhancement, math strategies, general study skills, ACT/SAT preparation, and preparation for furthering their education. Formal course, group seminars, individualized help, and intern programs will be offered to help cadets reach their academic and life goals. In time, many of these programs and facilities will be offered to a larger audience through out-reach to the Roswell community and beyond. Technology will be used to offer distance education programs which will enhance what NMMI can offer not only our cadets, but also our faculty, staff, and community.

Daniels Leadership Center

The Daniels Leadership Center supports the leadership education curriculum under the Dean of Academics with the Division of Leadership and Behavioral Sciences through an ever expanding variety of programs to include a state of the art ropes course and Leadership Reaction Course. All of the DLC programs are designed to instruct, apply, test, and further emphasize the four phases of leadership development promoted by the Institute: followership, transactional leadership, transformational leadership, and servant leadership.

In addition, the Daniels Leadership Center sponsors an annual Distinguished Speakers Series that is open to the public, free of charge, and that provides cadets and other audience members with a wider perspective of "leadership with uncompromising character". Annual and regional conferences, civic meetings, and summer camps that are co-sponsored by the Institute, Center and other groups have included: Chaves County Character Counts!(SM), Academy Women, Military Junior Colleges, New Mexico State Patrol, the International Law Enforcement Center-Roswell, Chaves County Emergency Response, and local rotaries and businesses.

Lastly, the Daniels Leadership Center has administrative oversight of the Yates Leadership Challenge Complex adjacent physically to the Center. The Complex is divided into two experiential courses that emphasize character and leadership development, as well as critical and creative thinking, followership, transactional and transformational leadership, and servant leadership. More information specific to the facilities and events of the Center and Complex are listed in this Catalog under the heading, Facilities.

Godfrey Athletic Center

Physical Performance and Development

The Godfrey Athletic Center supports this mission in the following ways:

- A student activity center
- The Outdoor Fitness Factory
- The Varsity Strength & Speed Training Center
- Performance Enhancement Laboratory
- Athletic Training Education Center
- An athletic practice and competitive venue

- Leadership assessment

Physical Development

The Outdoor Fitness Factory (OFF) is a world class facility that accommodates the large volume demands of the Corps Physical Development program, while providing unparalleled exercise variety. It features a wide range of training venues that facilitate optimal physical development. The Outdoor Fitness Factory accommodates the multiple training needs and philosophies of all campus groups such as Corps PT, Academy Prep PT, SROTC PT, and the Bronco/Colt Athletic Teams. The OFF is truly innovative featuring 2 sand pits, a Speed Hill @ 3% grade, 56 Multistations, a Medicine Ball Wall and Vertical Power Station, 4 Inverted Bear Crawl Standards, 1 Platoon Trainer - Mobile Exercise Station, along with numerous other pieces of equipment including barbells, medicine balls, kettlebells, sand bags, water filled kegs, tractor tires, weighted barrels, power sleds, elastic bands, weighted belts, and plyo-boxes.

Performance Enhancement Laboratory

The Performance Enhancement Laboratory (PEL) is patterned after the Army's Center for Excellence in Performance (ACEP) at the United States Military Academy at West Point (USMA). NMMI's PEL expands on that concept by offering unique and exciting training and learning opportunities for cadets. Using performance psychology training techniques, cadets learn how to use the tools of goal-setting, imagery, self-talk and visualization to enhance the skills of motivation, concentration/focus, self-confidence, stress management and arousal control to help perform optimally. Under the supervision of two professionals with Ph.D.'s in the Performance Psychology field, the PEL combines the best practices of traditional training along with the latest cutting edge science to accelerate the individual's progress and ability to perform at one's peak. The PEL is also involved in assessing the leadership development that occurs through the NMMI experience.

Athletic Training Education Center

The Athletic Training Education Center (ATEC) provides top level physical rehabilitation and treatment facilities for cadets suffering from sports related injuries. The ATEC sets the standard for facilities and treatment at this level. The ATEC serves primarily athletes, but is also available as a resource to cadets. Additionally, ATEC functions the primary education center for cadets wishing to pursue a career in the athletic training and sports medicine fields. The recently completed center offers the highest quality cutting edge therapeutic modalities under the direction of two full-time athletic training professionals.

Athletics

The Athletic Department fields competitive athletic teams at both the intercollegiate and interscholastic levels. NMMI fields 10 intercollegiate teams that compete at the National Junior College (NJCAA) Division I level in the following sports:

College Sports

Men	Women
Baseball	Cross-country
Basketball	Track
Football	Volleyball
Golf	Golf
Tennis	Tennis

NMMI fields 13 interscholastic teams that compete in the New Mexico Activity Association (NMAA) and the "AAA" and "AA" level in the following sports.

High School Sports

Boys	Girls
Basketball	Basketball
Cross-Country	Cross-Country
Swimming	Swimming
Track	Track
Baseball	Volleyball
Football	
Golf	
Soccer	

Financial Charges and Payment Policy

Click on any of the following links for information:

- [Financial Aid](#)

The NMMI Business Office has a web site which covers additional information on NMMI cadets. Actual charge information, financial advisor listings, infirmary fact sheet and insurance information are key links on this page. Use your back button to return here.

1. Accounts - Each cadet is assigned two financial accounts:
Tuition and Fees - Tuition, fixed fees, room, board, and laundry (limited to specific number of items each trip) are charged each semester.

A yearly charge is made in the first semester for cadet accident insurance. The accident policy is a mandatory plan for all cadets. In addition, PROOF OF MEDICAL INSURANCE IS REQUIRED FOR ALL CADETS. If such proof is not received by August 31 for the Fall Semester and January 31 for the Spring Semester, the cadet will be charged for the yearly NMMI Cadet Health Insurance in addition to the mandatory Accident Insurance. Both policies are low-cost plans which are not intended to cover all costs.

Cadet Account - The Cadet Account is intended to meet day today expenses (personal hygiene items and school supplies) and uniform costs. The following are Authorized On-Campus Uses:

- Uniform purchases
- Books and supplies
- Lab fees
- Barracks breakage
- Personal items purchased at the Cadet Store
- Military property shortage
- Diploma
- Dry cleaning
- Excess laundry charges
- Infirmary prescription charges
- Library losses and fines
- State textbook losses

Please note that these items may be charged only if the Cadet Account balance is adequate. For those cadets depending on Financial Aid and/or Scholarships for funding, a limit will be established for spending based on each cadet's individual award letter. Charges above the limit will not be allowed.

A monthly statement itemizing all purchases will be forwarded to the parent (copy to cadet) before the tenth of the following month. A minimum balance of \$50 is required at all times. You may maintain as large a balance as you desire. Parents who desire may request their cadet to be placed on a "Necessities Only" program. This limits purchases by the cadet to items that are necessary for personal hygiene,

school supplies, and uniform items. CASH WITHDRAWALS FROM THE CADET ACCOUNT ARE NOT PERMITTED.

Those uses of the Cadet Account which are NOT ALLOWED are listed below with a recommended means of payment. It will be left to the parent and cadet to determine a suitable method to meet these expenses. Alternatives include local bank accounts, maintaining hometown bank accounts, automatic teller machines (one is located at Hinkle Hall - more information concerning the ATM and a special account is available upon request), mailing check directly to cadets, etc. Money orders may be purchased from the Cashier in the Business Office.

Cash withdrawal - Personal checks will be cashed in the Cadet Store

Student activity costs - personal check or cash accepted

Travel expenses - must be arranged by parent and cadet

Dances - personal check or cash

Doctor-dentist charges - must be arranged by parent and cadet

Driver's training - personal check at course registration

Golf Course charges - personal check or cash

ACT-SAT - personal check or cash

Photographs - personal check or cash

2. **Payment Plan** - There are two plans for paying tuition and fees. The cadet account may not be deferred. Payments should be made payable to NMMI. Please write the cadet's name and cadet number in a legible manner on the face of your check. Wire transfers may be sent to Wells Fargo Bank in Roswell, NM, 88201. Wire transfer information is available at the Business Office.

Cash plan: You pay total tuition and fee charges prior to or at matriculation. This includes all the Tuition and Fee costs plus an amount necessary for the purchase of uniforms and school supplies.

Deferred payment plan: A fee is charged for this service. Under this plan, a deposit is required for Tuition and Fees as well as the amount needed for uniforms and school supplies. This initial payment is followed by monthly payments.

3. **Credit Cards** - The Business Office, Cadet Store, and Golf Shop will accept VISA/MC, American Express and Discover cards. The credit cards will be accepted for total or partial payment of Tuition and Fees and Cadet Account deposits. The Cadet Store and Golf Shop will accept the cards for purchases. Cash advances are not available.
4. **Financial Responsibility** - At the end of any semester, any cadet whose accounts have not been paid in full will not be eligible to reenroll for the subsequent semester. NMMI reserves the right to cancel the registration of any cadet who fails to pay, when due any indebtedness. Credits, transcripts, and diplomas will be withheld until all financial obligations are met.
5. **Scholarship Policy**
 - a. All current cadets and accepted applicants will automatically receive scholarship consideration.
 - b. Institutional scholarships will be credited to the recipient's tuition account on Friday of the third week of classes. Cadets who have withdrawn from NMMI for any reason prior to Friday of the third week of classes will not receive

scholarship funds. If a cadet withdraws from school for any reason during the first semester, he/she is not entitled to the scholarship if he/she is reenrolled during the same academic year.

- c. ROTC scholarships are administered under policies provided by the US Army and will be credited to recipients' accounts upon receipt.

2. Refund Policy

- a. Should a cadet withdraw or be dismissed, the semester tuition and fee charges (other than matriculation and fees imposed as a penalty) will be refunded as follows:

1st five class days 100%

Next five class days 75%

Next ten class days 50%

Next ten class days 25%

- b. There will be no refund for the semester room charge after the first day of classes. Semester board and laundry charges will be prorated on a weekly basis. The insurance fee is non-refundable. No refund will be made for uniform items which have been altered, laundry marked or worn. Balances remaining in the Cadet Account will be refunded in full provided a balance is not due for tuition and fees.

Please allow four (4) to six (6) weeks to process your account.

Financial Aid

Financial Assistance

The New Mexico Military Institute provides an extensive program of cadet financial assistance. The program has two distinctive areas. One area involves the various federal student aid programs and requires proven financial need. These programs are limited to college students. The second area of assistance involves institutional scholarships available to both high school and college cadets. Cadet or prospective cadets with a genuine financial need may secure information by contacting the Director of Financial Aid, New Mexico Military Institute.

Federal and State Programs

Current laws on student aid programs, which are funded by the federal government and the State of New Mexico, limit such aid to college students. The programs are available to those students who provide evidence of need for this assistance in order to attend college. A family need analysis is part of the application process. Approximately 45% of the college cadets at New Mexico Military Institute receive assistance from these programs. The application priority date is May 1; assistance is awarded after this date depending on availability of funds. More information is available from [FAFSA](#).

NMMI participates in the following Federal Aid Programs which require completion of the FAFSA:

1. **Federal Pell Grant Program:** The largest federal need-based student aid program providing grant assistance ranging from \$400 to \$5,350 to undergraduate students who are enrolled in a degree or certificate program and have not received their first bachelor's degree. Eligibility is based on demonstrated financial need, cost of education, and enrollment status. The amount of the student's award is determined using the Federal Institutional Student Information Record (ISIR), Expected Family Contribution (EFC) and the Payment Schedule provided by the U.S. Department of Education.
2. **The Academic Competitiveness Grant (ACG)** The Higher Education Reconciliation Act of 2005 (HERA) created this grant program for full-time students who are at degree-granting institutions, are U.S. citizens, and are eligible for the Federal Pell Grant. Congress funded the grants for award to eligible students beginning July 1, 2006. The ACG is one of the two new grant programs and was available for the first time for the 2006-07 school year for first-year students who graduated from high school after January 1, 2006, and for second-year students who graduated from high school after January 1, 2005. This grant is in addition to the student's Federal Pell Grant. First year awards are \$750. Second year awards, \$1300., are contingent upon completion of the first year with at least 24 credit hours completed and a 3.0 cumulative GPA.
3. **Federal Supplemental Educational Opportunity Grant (SEOG):** Provides grant assistance to students with exceptional financial need. In awarding Supplemental Grants, priority is given to Pell Grant recipients with the highest demonstrated financial need. NMMI limits awards through this program to a maximum of \$4,000 per year.
4. **Federal Perkins Loan Program:** This program allows students who demonstrate financial need to borrow up to \$4,000 per year. The interest rate is fixed at 5.00%. Interest does not accrue to the borrower, nor does repayment begin on Perkins Loans until nine months after termination of college enrollment on at least a half-time basis. Interest accrued during in-school and the grace period is paid by the federal government.
5. **Federal Work-Study Program (FWS):** Provides an opportunity for on-campus employment to students with demonstrated financial need. Various academic and administrative departments employ college work-study students in clerical, operational, and other office support functions. Working hours are generally limited to 4 to 6 hours per week. Students are paid at or above the current minimum wage.
6. **Federal Stafford Loan Program (Subsidized):** *This is a school-initiated process - you must contact the NMMI Financial Aid Office.*
Allows students who demonstrate federal financial need to borrow up to \$3,500 for the first year of undergraduate study, and \$4,500 for the second year. The interest rate is fixed. Interest does not accrue nor does repayment begin on subsidized Stafford Loans until termination of college enrollment on at least a half-time basis. Interest accrued during in-school and the grace period is paid by the federal government. The standard repayment period is up to ten years. Subsidized loans

carry a 3.00% federal origination fee and an up-front interest rebate equal to 1.50%. Net proceeds could equal approximately 98.5% of the loan amount. New borrowers must complete a master promissory note and complete an online Entrance Counseling Session to borrow funds through this program.

7. **Federal Stafford Loan Program (Unsubsidized):** *This is a school-initiated process - you must contact the NMMI Financial Aid Office*

Allows all students regardless of federal financial need to borrow up to \$3,500 for the first year of undergraduate study, and \$4,500 for the second year. This loan option requires approval of the Financial Aid Director. New borrowers must complete a master promissory note and complete an online Entrance Counseling Session to borrow funds through this program. The interest rate and origination fee are the same as specified above under the subsidized loan program; however, interest accrual begins immediately during in-school and deferment periods. Interest accruing during these periods may be paid or capitalized. Dependent students may borrow up to an additional \$4,000 through this program but only if the student's parent is denied eligibility to borrow funds through the Federal PLUS Loan Program.

8. **Federal Parent Loans for Undergraduate Students (PLUS):** This program allows parents of undergraduate students who do not have an adverse credit history to borrow up to the full cost of attendance minus other financial aid. The interest rate is fixed. Interest accrual begins on the date of the first loan disbursement. The first payment is due within 60 days after the final loan disbursement. This loan may be deferrable. Plus Loans carry a 3.00% federal origination fee. Parents must complete a PLUS loan application and master promissory note to borrow through this program.

State Aid Programs (for further information on state financial aid call NM HED at 1-800-279-9777)

1. **New Mexico Student Incentive Grant:** This program provides a limited number of grants ranging from \$200-\$2500 for especially needy college students who are residents of the State of New Mexico.
2. **New Mexico Lottery Success Scholarship:** This tuition scholarship is available to students who graduate from a New Mexico high school program, enroll full time in college and establish and maintain a 2.50 GPA or above with at least 12 credits earned.
3. **College Affordability Grant:** This program is for New Mexico students with financial need who do not qualify for other state grants or scholarships.
4. **In-State Tuition Allowance:** New Mexico State legislation has been approved to provide any high school graduate of a New Mexico high school in-state tuition rates at the New Mexico college of his/her choice.

Scholarships

The scholarship program at New Mexico Military Institute is the result of endowments made by individuals and organizations interested in NMMI and its cadets. Scholarships vary from those whose criteria are very specific to those that are quite liberally expressed. Many are strictly competitive on academic performance while others are awarded on the basis of need. Both high school and college cadets are eligible to compete for scholarship assistance.

Consideration is automatic based on receipt of NMMI Formal Application. (Refer to ROTC Scholarship section in this catalog for information regarding the US Army ROTC Scholarships.)

The General Richard T. Knowles Legislative Scholarship Program

The program allows each of New Mexico's 112 legislators to nominate a cadet from his/her district for scholarship consideration. In addition, non-selected applicants may be eligible to receive a scholarship that may not be awarded in a contiguous district. The award includes a state gratis scholarship covering the cost of tuition, fees and an amount to be applied toward uniforms for up to four total years. Renewal of the scholarship requires the cadet to maintain satisfactory academic progress toward graduation and acceptable performance in the Corps of Cadets. Information on the prestigious General Richard T. Knowles Legislative Scholarship Program may be obtained from the Office of Admissions.

Student Services

Click on any of the following links for information:

- [Services](#)
- [Housing](#)
- [VA Benefits](#)

Services

Cadet Store

The NMMI Cadet Store, managed by Follett, has everything for current cadets and alumni. All required textbooks for NMMI courses are stocked as well as a full line of military uniforms and accessories. A collection of NMMI logo apparel and gifts, school supplies and computer accessories are available. Laundry and dry cleaning services are also offered through the Cadet Store; ask an associate for more information. Visit the Cadet Store downstairs in Bates Hall or contact them at (505) 624-8215. Cadet Store

NMMI Golf Course

The NMMI golf course is a regulation 18 hole facility, equipped with a large driving range and putting green.

The course plays 6639 yards from the back tees, 6315 yards from the middle tees, and 5275 yards from the forward tees.

The greens are bent/poa annua and are usually fast. We over-seed in the fall to provide the golfers with lush green fairways, tees, green aprons.

NMMI Food Services

The NMMI Food Services page contains links on the menu, facilities and hours of operations. Food Services runs the dining facility, Post Exchange snack bar and Game Room snack bar and lounge.

NMMI Auxiliary Services

The NMMI Bowling Alley is located in Hinkle Hall, provides 10 lanes, with sound system and cosmic bowling available.

NMMI's Internet Café/Game Room is located in Hinkle Hall. It provides wireless Internet service, a game room which includes Xbox games, a Pool Room, and 42" plasma TV's for the entertainment of the cadets.

The NMMI Barbershop is located in Hinkle Hall and open five days a week. Two barbers/cosmetologists are employed at the Barbershop to provide professional service.

NMMI's Post Office is located on NMMI campus in Hinkle Hall and provides services to all cadets and NMMI administrative offices.

NMMI Infirmary

The campus Marshall Infirmary has a capacity of 38 beds and the capability of treating cadets for minor illnesses and injuries. A nurse is on duty 24 hours a day and is available during the school day and for sick call. Morning sick call begins at 7:00 a.m. Monday through Friday.

Routine medical and dental care should be arranged by you during school breaks with your local provider. Minor illnesses are treated or referrals are made to Roswell physicians if deemed necessary by the medical staff. There is no charge for an office call or for confinement at the Infirmary, however, you will be billed for any lab tests. Prescribed drugs are charged to the cadet account; copies are available for insurance purposes.

In instances of sudden serious illness or accident, cadets are transported to Eastern New Mexico Medical Center in Roswell by ambulance.

Registrar's Student Actions

Confidentiality of Student Records (FERPA)

Student records are released only for use by faculty and professional staff for authorized academic-related purposes. The release of student records for off-campus use occurs only with a student's knowledge and consent, or when required by law.



A student's high school record is open for inspection by the student's parents or guardians. College students fall under FERPA regulations and can limit access to their record as specified in federal law. Financially, New Mexico Military Institute considers all students, whose parents provide any portion of their expenses, as "dependent" as defined by Internal Revenue Code of 1954, Section 152 (for form 1098s). The cadet must provide proof of "independent" status to the Registrar prior to the start of the third academic week.

College cadets must elect whether or not their grades go to their parents.

The Registrar is the custodian of the student's academic record. A student's academic record may include application for admission information, residency certificate, immunization certificate, date of school entry, student schedules and schedule changes, academic work completed, standardized achievement test scores, transcripts from previous schools attended, and various Veteran's Administration forms.

Public information which may be released upon request includes a student's name, local address, telephone number, date and place of birth, area of concentration, dates of

attendance, height, weight, scholastic and/or athletic achievement, degree (if any), previous schools attended and date of graduation. If a student does not wish for this public information to be released, he/she must so notify the Registrar during the first two weeks of classes in each semester. This is normally done during matriculation.

Cadets have the right to inspect and review their educational records within 45 days of the date of their request, but must specify which educational records. They also have the right to request amendment of the records they believe to be in error. They also have the right to file a complaint with the US Department of Education if they determine their rights have been violated. The address for such complaints is at the Registrar's Office.

Name Changes

Name changes are only accepted with proper legal/court documents. NMMI will add the changed name to the transcript with the original name to track such changes unless otherwise requested.

Transcripts and transcript requests

Transcript requests must be in writing. For cadets over 18 or enrolled in college work, the request must come from the individual whose name is on the transcript. Parents may request transcripts on high school cadets who are not enrolled in college. Transcript requests may be printed from the web at the registrar web site - <http://www.nmmi.edu/reg/> or by following links from the NMMI home page.

VA Benefits

NMMI enrolls a number of cadets who also drill with New Mexico National Guard and reserve units making them eligible for Chapter 1606 VA benefits. NMMI also grants credit for basic and advanced training, and for certain MOS training applicable to NMMI coursework. Chapter 30, 35 and 1607 benefits are also available.



Residency and Residency Requirements

Enrollment at NMMI is in itself not sufficient to change residency, and NMMI will classify a cadet based on his/her residency at the time of admission. Per state law, any action which will bring into question residency must be resolved by the Registrar.

An individual is considered a resident if he/she has lived in New Mexico for over one year (with property). An individual may become a resident of New Mexico through certain steps, but must complete those steps and one year residency before the cadet status changes to resident from nonresident.

Legal residency is the person's permanent home, which requires a physical presence coupled with an intent to remain and make that location/state ones permanent home. One

only has one residence at a time, and retains the former residence until all items are met in the new residence.

At the time of first enrollment, residency is determined by the census date and anyone not meeting residency requirements will be classified as a nonresident. An individual's classification remains as determined at first enrollment, as long as he/she is a continuing cadet, unless the registrar's office has knowledge of a circumstance calling for a reclassification.

Requirements to establish NM residency are:

- Twelve month residence in New Mexico (consecutive).
- Financial independence to establish residency.
- Written declaration of intent to relinquish residency in any other state.
- Overt Acts (at least two of these items):
 1. If employed, employment within New Mexico
 2. Payment of NM income taxes
 3. NM drivers' license
 4. NM vehicle registration
 5. NM voter registration
 6. No act inconsistent with being a NM resident, e.g., voting in another state

Course numbering system

All NMMI high school courses are numbers from 001 to 099, e.g. ENG 011, ENG 012, MTH 021 etc. All NMMI junior college courses are numbered from 100 to 2999 and are "lower level" college courses designed to meet basic college educational requirements. NMMI is undergoing conversion to the New Mexico Common Course Numbering System (NMCCN) over the next two years. NMMI currently links NMMI course numbers to the NMCCN, but will use the NMCCN whenever possible. College courses so renumbered will have four characters and four numbers assigned by level, course sequence and credits awarded as in ENGL 1113.

Graduation Procedures

The semester prior to graduation, after scheduling starts for their final semester a cadet



must apply for graduation. Those planning to graduate must sign up at that time. All graduates are expected to participate in the graduation exercise unless specifically excused by the Academic Dean.

Midyear graduates have their own formal ceremony in December and will not participate in the May ceremony.

Graduates who have attained certain levels of academic excellence will be recognized in

the graduation exercises according to the following scale:

Graduation with Highest Honors 3.75-4.00

Graduation with High Honors 3.50-3.74

Graduation with Honors 3.25-3.49

Housing

All NMMI cadets are required to reside in the barracks.

Academic Resources

J. Penrod Toles Learning Center

Opened in 1985, this modern facility combines the traditional architecture of the campus with modern functions, aesthetics, and technology. As a focal point of the Institute's academic life, the Learning Center is the home of the Paul Horgan Library, Franklin Student Assistance Center, Writing Center, and Information Services.

For more information and an introduction to our resources, please visit the Library's website: <http://www.nmmi.edu/library/>

Writing Center

The Writing Center provides assistance to every cadet who needs assistance with his/her writing. Cadets learn about the writing process and receive instructions on how to improve their writing skills. They receive instruction on any part of the writing task - from planning to write to checking on correct grammar and usage conventions. The center is open during night study hall, and in the mornings from 0715 to 0750.

Franklin Student Assistance Center

The Franklin Student Assistance Center, located in the J. Penrod Toles Learning Center, houses the Academic Advising and College Placement Department, the Career Lab, and the High School Principal's office. The Division serves as a focal point for all high school academic advising, career development and testing information. Additionally the Cadet Counseling Center, staffed by licensed counselors and the NMMI chaplain, provides personal and crisis counseling and handles referrals made by advisors and/or other faculty and staff. The Career Lab houses an extensive collection of college catalogs, viewbooks and brochures, college videos, testing information, test preparation programs and applications as well as several computers and printers connected to the Web for on-line applications and searches. The Career Lab Coordinator assists cadets with applications online, searches using the "ACT's DISCOVER" college, career and financial aid search web based software, and with print media.

Academic Advising and College Placement

New Mexico Military Institute has a centralized advising system for high school cadets located in the Franklin Student Assistance Center (SAC), and a faculty advising system for college cadets. A system of developmental advising is implemented for high school cadets whereby the advisor assists through a series of advising sessions the cadet in identifying personal and educational goals. Beginning in the Sixth Class year, advisors introduce cadets to time management and study skills, goal-setting and interest inventories, advancing to the Fifth Class to begin standardized test taking with the mandatory PLAN test. The Fourth Class begins the college planning process, identification of potential majors and search for appropriate colleges. Additionally, juniors take the PSAT, ACT, TOEFL and SAT, if desired. College plans and applications are finalized in the Third Class year culminating in final college choices, applications, scholarship searches and final testing.

Each cadet is assigned an academic advisor upon enrollment at New Mexico Military Institute. Each high school advisor/counselor is responsible for one high school grade level, moving progressively with that class from sixth class to graduation. Advising of college cadets is coordinated through SAC.

Academic Advisors work closely with Troop Officers to mentor counsel, advise and advocate for the cadets, establishing a rapport and a caring attitude toward them and providing support for them as they learn to deal with the obligations in academics and in the Corps of Cadets, as well as the pressures of being away from home. Academic Advisors act as a resource person providing information on a myriad of topics such as course requirements, learning resources, job markets and selection of colleges after NMMI. They are a liaison between the parents and the teaching faculty, Commandant's Office and Counseling Center to help assure that the cadet is given every avenue available to succeed. Finally, they coordinate preparation of the cadet's graduation plans and provide guidance to the cadet in the achievement of individuals academic goals.

Specialists in personal counseling and academic guidance and counseling are available to all cadets. They provide cadets with career and educational information as well as administer and interpret achievement tests and interest inventories. The New Mexico Military Institute serves as a regional test center for Educational Testing Service's testing programs (PSAT, SAT I, SAT II, GRE, TOEFL AND CLEP) and the American College Testing Program. (PLAN and ACT). The Student Assistance Center maintains these regularly updated materials for cadet use: general and specialized college guides and directories, a computerized "ACT's DISCOVER" program on colleges, careers and financial aid; college catalogs and view books, books and pamphlets; video cassette materials; general and specialized financial aid guides and directories; college admissions and recruiting materials; admission application materials for schools regularly attended by New Mexico Military Institute graduates; and specialized guidance materials for preparation for professions.

In the library and associated with the advising center is the NMMI Liaison for the service academies. This individual works with cadets who desire to transfer to the five service academies (USAFA, USCGA, USMA, USMMA, and USNA)

Cadet Counseling Center

The Cadet Counseling Center (CCC) provides cadets advice, counsel, and encouragement in the areas of human interaction, interpersonal relationships, personal growth, spiritual growth, social awareness, and intellectual achievement. It provides cadets with a person who will listen and give feedback on a wide variety of issues.

The personnel of the CCC help the cadets deal with family matters, roommate problems, tobacco/alcohol involvement, homesickness, personal attitude, Corps life, authority, ethical/moral issues, depression, anxiety, eating problems, isolation, conformity to discipline and basic adjustment problems. If the cadet needs more specialized or long term counseling than the Cadet Counseling Center can provide, referrals are made to appropriate medical, legal or social professionals at the Cadet's expense. Psychiatric services are not available through the CCC.

The CCC is part of the Commandant's Crisis Action Team, a team of various professionals who work together in the event of a crisis. They also are available to counsel cadets in the case of death in the family, loss of home to fire, or various other crises which may arise.

The CCC staff maintains close cooperation and coordination with the Academic Advisors, Commandant's staff which includes the Deputy Commandants for Operations and Support, Squadron Officers and most importantly Troop Officers, Staff and Faculty, and Cadet Regimental Staff in addressing concerns of the cadet's educational, social, and personal development.

Each week the CCC staff, the Commandant, and the Deans meet or exchange information to identify ways to help cadets succeed.

ACT/SAT Program

NMMI offers an ACT/SAT preparatory program each semester. These courses give the cadet a knowledge base as well as the opportunity to develop skills used in the testing process. The courses cover ACT/SAT test content, test-taking techniques and concentrates on practice tests in order to make the cadet more comfortable and familiar with the examination

College Level Examination (CLEP)

College credit is allowed for successfully completing the various CLEP tests. CLEP credit may be transferred to the Institute to meet graduation requirements, although the Institute does not use CLEP scores in computing a cadet's grade point average. A cadet must attain a CLEP mean scale score equivalent to a final course grade of "A" or "B" on a scale published by the College Entrance Board. Credit for CLEP General Examinations will be awarded if the cadet attains a "B" grade. English Composition with Essay is the only CLEP General Examination that will generate credit for the NMMI courses English 1113 and/or English 1123. CLEP SCORES As posted on the College Board web site. Some courses NMMI does not accept for transfer credit. See the CLEP administrator or Registrar for current passing scores and transfer.

Challenge Examinations

With the Academic Dean's approval, a cadet may challenge a course offered at NMMI. If successfully challenged, usually by passing a test prepared by the academic department concerned, credit for the course will be shown on the transcript. Challenge actions are initiated by the cadet with the approval of the head of the appropriate academic department. A fee for the challenge examination will be required in accordance with current Board of Regents' policies. Challenge examination results are reported on a "Credit" basis on the transcript. Challenge credits do not affect grade point averages. Neither challenge nor CLEP credits satisfy minimum load requirements to maintain cadet status. A challenge exam may not be attempted if the cadet has already received a grade (to include audit, W, WF, X or WP) for the attempted course, nor during the last three weeks of academic classes without special permission.

Facilities

Click on any of the following links for information:

- [Toles Learning Center](#)
- [Alumni Chapel](#)
- [Daniels Leadership Center](#)

Toles Learning Center

[Center for Academic Excellence](#)

Facilities in the CAE are designed with flexibility in mind. Most labs can be used as straight computer labs, classrooms, or combination of the two. Flexibility allows for the meeting the educational needs: individual study, one-on-one with a tutor or faculty member, small groups, and complete classes.

[Paul Horgan Library](#)

Laid out in a semi-circle, the library is warm and inviting with Southwestern accents, lots of natural light, and many works of fine art. It provides seating for over 150 at tables and carrels, sofas, and deep-seated chairs. Computers are available on each floor and the entire building has wireless connectivity. The Ward Special Collection Room and Patterson Reading Room house specific collections. These rooms are used by individuals and small groups.

[Mabee Lecture Hall](#)

This 220 seat auditorium is used for classes, lectures, and weekend movies. It is a meeting venue for on and off-campus organizations. Audiovisual resources include wired and wireless microphone systems, video projection from computer, DVD or VHS formats, document camera, and excellent room light control.

[High School Advising and Counseling Office](#)

This office area is home to the high school advisors, academy prep advisor, ACT/SAT instructor, and U.S. Coast Guard Liaison Officer. Classrooms on the 2nd floor are used by the high school advisors and others in TLC for instruction.

[Academy Prep and Military Career Office](#)

Formerly in Toles, this program is now located in Lusk Hall under the Dean's Office. This office aids/assists cadets who are either sponsored by a service academy or desire to attend a service academy (self-prep) in their application and preparation for one of the five academies.

Alumni Chapel

The Alumni Memorial Chapel was dedicated 15 May 1975 to those who gave their "Last Full Measure of Devotion," NMMI alumni who lost their lives in military service, fighting to preserve the freedoms we now enjoy. Their names and graduating classes are listed on the main bronze plaque in the Memorial Narthex. Contributions from hundreds of alumni and friends of NMMI funded the construction of the building. Lieutenant Colonel L.T. "Babe" Godfrey, Class of 1924 was both the spirit and leader of the effort for the chapel. Through his leadership and the efforts of many others, the Corps has this beautiful house of prayer.

The chapel is located at the entrance to the campus as a solid statement of NMMI's philosophy that spiritual development is necessary for a complete education. As such, it is the spiritual center of the life of the Corps of Cadets. The chapel serves as a worship center for Catholic, Protestant, Moslem, Jewish and other faith groups represented in the Corps. The chapel and the chapel garden are quiet places of refuge in the midst of an otherwise hectic cadet life. Cadets come to sit in the chapel or memorial garden to study, talk quietly with friends, meditate, and pray.

Daniels Leadership Center

The Daniels Leadership Center is housed in a new 25,000 square foot building located at the northwest quadrant of the NMMI campus. The Center contains a multi-use Leadership Immersion Theatre, the Leadership Engagement Auditorium with tiered seating for lectures and immersed multi-media events, the Leadership Simulation and Reenactment Stage where the audience may strategize alongside famous leaders in making decisions that would affect the nation or world, and an operative Emergency Operations Center, as well as traditional computer labs, meeting and conference rooms, seminar classrooms, a resource library, and offices. The Center provides administrative oversight of the Institute's leadership and character education programs, and offers both credit and noncredit bearing instruction to high school and college cadets. In addition, the Center offers extended education and professional development programs in leadership and character education to NMMI faculty and staff, and instruction and related contractual services for external constituents, such as those representing schools, government, homeland security and defense, and the private sector. The Center also administers the activities of the Yates Leadership Challenge Complex, which houses a Leadership Reaction Course as well as a low and high Ropes Course that has a capacity to accommodate 70 participants simultaneously. The Center hosts classes in managerial leadership leading to the Bachelor of Business Administration degree offered at the Institute by New Mexico State University. In addition, the Institute's annual Distinguished Speakers Series is hosted at the Institute through the Center. Summer school camps promoting leadership and character development, such as CHARACTER COUNTSSM, are also sponsored by the Institute through the Center.

Programs

NMMI Academic Excellence

Programs in Academic Excellence are programs at either the high school or college level that challenge cadets to excel in their academic studies.

High School Programs

NMMI High School Scholars Program

A totally integrated high school and college curriculum enables a qualified high school student to earn simultaneously high school and college course credit (dual credit). In addition a select few high school students are accepted into the Scholars Program in which academically exceptional students can earn an Associate Degree at the same time that they earn a high school diploma, graduating with both in less than the normal six years. Admission is competitive and specific admission requirements to the program include GPA, test scores, faculty and advisor recommendations.

Junior College Gateway Programs

The "Gateway" or a 2+2 program enables two years of study at NMMI and two subsequent years at a participating four-year university leading to the award of a Bachelor of Arts or Science degree in a particular major. At present, Gateway Program agreements exist with:

- Norwich Academy in Criminal Justice
- New Mexico State University in Business Administration, Physical Training, Exercise Physiology, and Performance Psychology
- The University of New Mexico in the Bachelor of University Studies with concentrations in Defense and Security Studies (Homeland Defense or Aerospace Studies)

In some cases, acceptance into the NMMI Gateway Program guarantees acceptance into a four year program at the participating four-year institution of higher learning. Two current examples:

- Pre-Nursing Programs (under development). Qualified NMMI cadets enrolled in the Nursing Gateway Program will receive four year ROTC scholarships to include two years of study at NMMI leading to a pre-nursing Associate of Science degree followed by two years at Carson-Newman University culminating in the award of a Bachelor of Science in Nursing degree (BSN). Successful completion of the Associate Degree at NMMI guarantees entrance to Carson-Newman and continuation of the ROTC scholarship. Upon receipt of the BSN, the graduate will be eligible for appointment as an officer in the U.S. Army's Nurse Corps. Successful completion of the NMMI Pre-nursing curriculum will also result in any student being extremely competitive if

they choose to apply for admission to a BSN program at any college or university with a ROTC component.

- Bachelor of Business Administration in Management Leadership. The program provides an option for qualified cadets to continue their studies on site at NMMI while pursuing a Bachelor of Business Administration (BBA) in Managerial Leadership to be awarded by New Mexico State University.

Associate

AA/AS Junior College Degree

Admission to the Junior College

New cadets are admitted only at the beginning of the Fall and Spring semesters at New Mexico Military Institute.

NOTE: NMMI reserves the right to admit those candidates it determines to be best qualified for entrance.

In some cases, a candidate with an acceptable score (NM is 45) on the General Education Development (GED) examination may be accepted.

Those cadets seeking a commission should also refer to the section for admissions requirements into the Contract Senior ROTC Program leading to the US Army Reserve Commission.

Foreign cadets whose primary language is not English must have a score of 500 (paper based test) or 173 (computer) or better in the Test of English as a Foreign Language (TOEFL), and may substitute these tests for the ACT.

New Mexico General Education Transfers (HED)

During the 2005 New Mexico Legislative session, Senate Bill 161, consistent with the requirements of state law, was signed into law to further enhance and facilitate the articulation of general education courses among New Mexico's colleges and universities. Designated general education core course, successfully completed at any regionally accredited public institution of higher education in New Mexico are guaranteed to transfer to any New Mexico public institution.

The core matrix of approved courses guaranteed to transfer and meet general education requirements can be found on the New Mexico Higher Education Department website <http://hed.state.nm.us> and follow the colleges and universities link to the drop down menu for transferring credits and core matrix.

This is the current listing of NMMI courses to the New Mexico Common Course Numbering (NMCCN System). This system facilitates the articulation of coursework through a set of uniform course designations.

The NMCCN is a four alpha prefix that identifies the subject area and then four digits each having a specific meaning. The first digit represents the course level (1 - freshman, 2 - sophomore etc.), the next two represent the sequence of the course, while the last represents the credit hours assigned to the course.

For example: ENGL 1113 is the general freshmen composition course required at all schools. A course of ENGL 1093 would be a lower level college level course, while ENGL 0113 would be a developmental English course.

Over the next few years NMMI will convert all course numbers to the NMCCN course number or place a course in its proper sequence in that schema. The General Education Common Core is 35 semester hours.

Junior College Curriculum

The core curriculum requirements generate essentially a liberal arts associate degree, but by careful selection of elective courses, a cadet can build a course sequence, which parallels those in other institutions that lead to the bachelor's degree. Cadets' academic advisors will counsel their advisees on other institutions' requirements for undergraduate degrees and suggest NMMI courses which parallel those sequences. Except at four-year institutions that do not sponsor ROTC programs, virtually all NMMI credit producing courses may count towards the 128-140 semester graduation total which most colleges require for the bachelor's degree. However, as is increasingly becoming common, many bachelor's degrees require 10 semesters to complete. All graduates are required to complete the CAAP assessment in their last semester. A student may not take more than 4.0 credits in PHEA or 8.0 credits in MUS activity courses that will count towards graduation.

Normal Class Loads

The normal academic load for college cadets is 17 semester credit hours. The minimum load is 12 semester credit hours.

Overloads

Cadets with a 3.0 GPA or above from the previous grading period may take more than 19 credit hours. The advisor may authorize a course load of up to 19 hours, and the Advisor's Associate Dean may authorize a course load of 20-21 hours. Only the Academic Dean may authorize a course load of 23 or more hours. Overloads are not recommended for a cadet with a GPA of less than 3.0 from the previous semester grading period. Upon the cadet's request and with the recommendation of the academic advisor, an overload may be authorized if the cadet's schedule (academic, athletic, extra-curricular) suggests that there is reasonable probability that the cadet can successfully handle the overload.

College Distance Learning Courses

Correspondence/on-line/distance courses must meet the following criteria:

- Cadet must take the course at NMMI if offered
- If the cadet cannot schedule the required class in the last semester of the graduation year, the cadet can request a correspondence or on line course
- A cadet may take a correspondence/on-line course if the course is not offered in the curriculum, and must receive the Dean's permission prior to enrolling in the course
- On-line courses must have a mandatory valid login.

Course Numbering

NMMI is converting all junior college courses to a 4-letter and 4-number sequence to make college courses significantly different from the 3-letter and 3-number sequence of high school courses. For example college English would be ENGL 1113 and high school senior English would be ENG 041 or 042.

Requirements

Graduation Requirements Junior College

NMMI's curriculum is university parallel and most cadets continue for their baccalaureate degrees by completing requirements for the Associate of Arts or Associate of Science degree. In both cases 68.0 credits from the specific General Education Module plus concentration requirements plus electives and a 2.00 (minimum) GPA is required to graduate from NMMI. Only 4.0 credits in PHEA and 8.0 credits MUS activities will count toward graduation credit.

The Associate in Arts Degree is designed to provide a solid foundation in the liberal arts for cadets interested in pursuing a four-year or advanced degree in Humanities, Business, Social Science, or related fields.

The requirements for the Associate in Arts Degree are:

Residency. A college cadet must earn a minimum of 24 credit hours at NMMI and spend two semesters in residence.

Semester Hours. Minimum of 68 hours is required, no more than 12 (contract cadets only) in Military Science. Credit may be transferred from other accredited schools if the courses and grades are acceptable. Courses transferred from other schools do not affect the grade point average at NMMI.

Required Subjects: The core curriculum of required courses (46 hours Gen Ed requirements) are listed below.

Grade Point Average. The minimum cumulative GPA for the associate in arts degree is 2.0.

The Associate in Science Degree is designed to provide a solid foundation in mathematics and the sciences for cadets interested in pursuing a four-year or advanced degree in Mathematics, Sciences, Engineering, Premedical/dental/veterinarian, or related fields.

The requirements for the Associate in Science Degree are:

Residency. A college cadet must earn a minimum of 24 credit hours at NMMI and spend two semesters in residence.

Semester Hours. Minimum of 68 hours is required, no more than 12 (contract cadets only) in Military Science. Credit may be transferred from other accredited schools if the courses and grades are acceptable. Courses transferred from other schools do not affect the grade point average at NMMI.

Required Subjects: The core curriculum of required courses (40 hours Gen Ed requirements) are listed below.

Grade Point Average. The minimum cumulative GPA for the associate in science degree is 2.0.

Transfer Credit. Academic credit to meet graduation requirements may be acquired elsewhere and entered on the NMMI transcript. Cadets who contemplate this action should check with the concerned academic department chair to assure that the course taken elsewhere does indeed meet Institute academic criteria. For college cadets a maximum of two college courses from an accredited school may be transferred back to NMMI to meet graduation requirements after leaving the Institute in good standing. Equivalent Institute courses must be identified and a grade of "C" or better is required. Transferred courses do not affect the NMMI grade point average.

New Mexico Military Institute accepts credits transferred from other accredited colleges and universities as long as a satisfactory grade is earned for the course or courses that are similar to the NMMI college curriculum. New Mexico Military Institute reserves the right to determine whether courses earned elsewhere transfer to NMMI. Transfer grades are not used to compute cumulative grade point averages.

With the exception of some remedial courses, NMMI credits generally are transferable to any university in the nation.

New Mexico Higher Education Department routinely prepares a chart showing comparable courses, which meet basic requirements and transfer between colleges in New Mexico. This matrix is on the NM HED web site.

Transfer credit appeals. Any cadet who wishes to appeal the transfer must file a written appeal to the Registrar providing a course syllabus and description. Within 30 days, the file will be

reviewed by the Registrar and Division Head and the cadet will receive the result in writing. If the cadet wishes to continue the appeal on denied courses, they must appeal to the Academic Dean in writing. This appeal must be within 30 days. If denied and the course is a NM General Education course, the student has the right to appeal to the Higher Education Department in Santa Fe.

General Education Module - Associate in Arts

This module contains the basic General Education requirements for cadets graduating with an AA degree. A student may **not** take more than 4.0 credits of PHEA courses nor more than 8.0 credits in MUS activity courses (1.0 credit courses) toward their graduation requirement. Any course over these limits is removed from graduation consideration including removal of the GPA. Unless specified otherwise, a course may only be used in the general education module or the concentration.

English (6.0 credits)

ENGL 1113 (required) and one of the following courses to meet 6.0 credit requirement.

- ENGL 1113 - Freshman Composition

plus three additional hours from one of the following

- ENGL 1123 - Freshman Composition
or advanced level English from

Writing, composition or literature

- BUSW 2113 - Business Writing
- ENGL 2113 - Technical Writing
- ENGL 2453 - The Rise of the Novel in the Eighteenth Century

Communications (3.0 credits)

A communications course that is related to public speaking or interpersonal communications.

- COMM 1113 - Public Speaking

History (6.0 credits)

Two history courses are required. However, a course may not be used here and as a humanities course at the same time. Some follow-on schools have specific history requirements that should be checked prior to enrolling in a history course. Cadet may use the history courses here for general education and the history concentration at the same time. Not all courses are offered each semester.

- HIST 1113 - Development of Western Civilization I
- HIST 1123 - Development of Western Civilization II
- HIST 1313 - Early World History

- HIST 1323 - Modern World History
- HIST 2113 - History of the US I
- HIST 2123 - History of the US II
- HIST 2313 - American Military History
- HIST 2413 - Asian Civilization to 1600
- HIST 2423 - Modern Asian Civilization
- HIST 2613 - Latin America: Historical Survey

Humanities or Modern Language (6.0 credits minimum)

In the AA degree a student may elect to take a year of a foreign language (8 credits) or a specific humanities course or a combination of the two to meet this requirement. A student must take 6.0 - 8.0 credits in humanities. A course used in another core area cannot be used here to meet the requirement.

This requirement may be met by a language course:

- ARBC 1114 - Elementary Arabic
- ARBC 1124 - Elementary Arabic
- ARBC 2113 - Intermediate Arabic
- ARBC 2123 - Intermediate Arabic
- SPAN 1114 - Elementary Spanish
- SPAN 1124 - Elementary Spanish II
- SPAN 2113 - Intermediate Spanish I
- SPAN 2123 - Intermediate Spanish

or a literature course:

- ENGL 2453 - The Rise of the Novel in the Eighteenth Century
- DRAM 1013 - Drama as Literature
- ENGL 1403 - Bible as Literature

or a specific fine arts, humanities or philosophy course:

- MUSC 1303 - Music Appreciation
- MUSC 1403 - Fundamentals of Music Theory
- ARTS 2113 - Art History I
- ARTS 2123 - Art History II
- HUMN 1103 - Ethics in Leadership
- HUMN 1513 - Old Testament Survey
- PHIL 1113 - Introduction to Philosophy
- PHIL 1203 - World Religions
- PHIL 1813 - Critical Thinking
- PHIL 2013 - Ethics
- PHIL 2023 - Logic

or a history (survey) course:

- HIST 1113 - Development of Western Civilization I
- HIST 1123 - Development of Western Civilization II

- HIST 1313 - Early World History
- HIST 1323 - Modern World History
- HIST 2113 - History of the US I
- HIST 2123 - History of the US II
- HIST 2313 - American Military History
- HIST 2413 - Asian Civilization to 1600
- HIST 2423 - Modern Asian Civilization
- HIST 2613 - Latin America: Historical Survey

Laboratory Science (8.0 credits)

Any two laboratory science courses. Both the class and lab must receive a passing grade.

- BIOL 1154 - General Biology
- BIOL 1214 - Principles of Biology I
- BIOL 1224 - Principles of Biology II
- BIOL 2254 - Insects and Man
- BIOL 2264 - Environmental Biology
- BIOL 2434 - Human Anatomy
- BIOL 2444 - Human Physiology
- BIOL 2554 - Agricultural and Public Health Biosecurity
- BIOL 2901 - Current Issues in Life Sciences, Medicine and Environment
- BIOL 2903 - Special Problems in Biology
- CHEM 1214 - General Chemistry I
- CHEM 1224 - General Chemistry II
- CHEM 2114 - Allied Health Chemistry
- CHEM 2214 - Organic Chemistry I
- CHEM 2224 - Organic Chemistry II
- GEOL 1214 - Physical Geology
- GEOL 1224 - Historical Geology
- PHYS 1104 - Physics for non-science majors
- PHYS 1114 - General Physics I
- PHYS 1124 - General Physics II
- PHYS 1215 - Engineering Physics I
- PHYS 1225 - Engineering Physics II

Mathematics (3.0 credits)

Any mathematics course above and including Introduction to Contemporary Mathematics (MTH 125). College Algebra (MATH 1113) is the standard college course for mathematics.

- MATH 1113 - College Algebra
- MATH 1173 - Math for Business and Social Science
- MATH 1213 - Trigonometry
- MATH 1273 - Calculus for Business and Social Science
- MATH 1604 - Pre-Calculus
- MATH 1614 - Calculus I
- MATH 1624 - Calculus II
- MATH 2313 - Introduction to Statistics

- MATH 2614 - Multi-variable Calculus

Social Science (6.0 credits)

Courses designated as non-history social science courses, Courses listed are the most common courses offered, but other social science courses are available.

- ANTH 2113 - Introduction to Cultural Anthropology
- CRJ 1113 - Introduction to Criminal Justice
- ECON 2113 - Principles and Problems of Macroeconomics
- ECON 2123 - Principles and Problems of Microeconomics
- GEOG 2113 - Economic Geography
- GEOG 1113 - Humans and the Environment
- PLSC 1113 - US Politics and Government
- PLSC 2113 - International Relations
- PLSC 2213 - Comparative World Politics
- PLSC 2513 - State and Local Politics and Government
- SOCI 1113 - Introduction to Sociology
- PSYC 1113 - General Psychology
- SOCI 2113 - Contemporary Social Problems
- SOCI 2213 - Contemporary Marriage and Family

Health (3.0 credits)

Health and Wellness (HPER 1113) is the required course. PHEA courses are limited to 4.0 credits for graduation and do not meet the health requirement.

- HPER 1113 - Health and Wellness

Military Science (2.0 to 12.0 credits)

Cadets must take military science at NMMI. Based on the minimum residency requirement, 2.0 credits (MS 1) is the minimum requirement. A contract cadet will take a maximum of 12.0 class hours of MS and 4.0 credits of physical activity.

A cadet with three years of JROTC or who started in the contract program but did not contract may be waived from the MS requirement. Any cadet in MS 1/2 can take HIS 110 in place of one semester of MS (not contract cadets). Contract cadets (MS 3/4) must take HIS 110 before they get their bachelor's degree as part of the contract requirement.

non-contract courses

- MSL 101 - Military Science I
- MSL 102 - Military Science I
- MSL 151 - Military Science II
- MSL 152 - Military Science II

contract courses

Courses leading to a commission in the US Army

- MSL 201 - Military Science III
- MSL 202 - Military Science III
- MSL 251 - Military Science IV
- MSL 252 - Military Science IV

General Education Module - Associate in Science

This module is the basic General Education module for cadets graduating with an AS degree. A student may **not** take more than 4.0 credits of PHEA courses nor more than 8.0 credits in music activity courses (1.0 credit courses) toward their graduation requirement. Any course over these limits is removed from graduation consideration including removal of the GPA.

There is a specific lab science sequential requirement for the AS degree.

English (6.0 credits)

ENGL 1113 is required with one of the following courses to meet the 6.0 credit requirement.

- ENGL 1113 - Freshman Composition

plus three additional hours from one of the following (technical writing preferred):

technical writing,

- ENGL 2113 - Technical Writing

or writing, composition or literature

- BUSW 2113 - Business Writing
- ENGL 2453 - The Rise of the Novel in the Eighteenth Century
- ENGL 1123 - Freshman Composition

History (3.0 credits)

Any course with the HIST designation except for American Military History HIST 2313.

- HIST 1113 - Development of Western Civilization I
- HIST 1123 - Development of Western Civilization II
- HIST 1313 - Early World History
- HIST 1323 - Modern World History
- HIST 2113 - History of the US I
- HIST 2123 - History of the US II
- HIST 2413 - Asian Civilization to 1600
- HIST 2423 - Modern Asian Civilization
- HIST 2613 - Latin America: Historical Survey

Humanities or Modern Language (6.0 credits minimum)

For the AS degree a student must take a year of a foreign language (8 credits) or a specific humanities course or combination of the two to meet this requirement. A student must take 6.0 to 8.0 credits in humanities. A course used in another core area cannot be used to meet the humanities requirement.

This requirement may be met by language courses:

- ARBC 1114 - Elementary Arabic
- ARBC 1124 - Elementary Arabic
- ARBC 2113 - Intermediate Arabic
- ARBC 2123 - Intermediate Arabic
- SPAN 1114 - Elementary Spanish
- SPAN 1124 - Elementary Spanish II
- SPAN 2113 - Intermediate Spanish I
- SPAN 2123 - Intermediate Spanish

or a literature course

- ENGL 2453 - The Rise of the Novel in the Eighteenth Century
- DRAM 1013 - Drama as Literature
- ENGL 1403 - Bible as Literature

or a specific fine arts, humanities or philosophy course

- ARTS 2113 - Art History I
- ARTS 2123 - Art History II
- HUMN 1103 - Ethics in Leadership
- HUMN 1513 - Old Testament Survey
- MUSC 1303 - Music Appreciation
- MUSC 1403 - Fundamentals of Music Theory
- PHIL 1113 - Introduction to Philosophy
- PHIL 1203 - World Religions
- PHIL 1813 - Critical Thinking
- PHIL 2013 - Ethics
- PHIL 2023 - Logic

or a history (survey) course:

- HIST 1113 - Development of Western Civilization I
- HIST 1123 - Development of Western Civilization II
- HIST 1313 - Early World History
- HIST 1323 - Modern World History
- HIST 2113 - History of the US I
- HIST 2123 - History of the US II
- HIST 2413 - Asian Civilization to 1600
- HIST 2423 - Modern Asian Civilization
- HIST 2613 - Latin America: Historical Survey

Laboratory Science (12.0 credits)

Three lab science courses are required, two of which must be sequential

sequential courses

- BIOL 1214 - Principles of Biology I
- BIOL 1224 - Principles of Biology II
or
- BIOL 2434 - Human Anatomy
- BIOL 2444 - Human Physiology
or
- CHEM 1214 - General Chemistry I
- CHEM 1224 - General Chemistry II
or
- GEOL 1214 - Physical Geology
- GEOL 1224 - Historical Geology
or
- PHYS 1114 - General Physics I
- PHYS 1124 - General Physics II
or
- PHYS 1215 - Engineering Physics I
- PHYS 1225 - Engineering Physics II

and one from the following

(courses below level of sequential courses are not allowed)

- BIOL 2254 - Insects and Man
- BIOL 2264 - Environmental Biology
- BIOL 2434 - Human Anatomy
- BIOL 2554 - Agricultural and Public Health Biosecurity
- CHEM 2114 - Allied Health Chemistry
- CHEM 2214 - Organic Chemistry I
- CHEM 2224 - Organic Chemistry II

Mathematics (6.0 credits)

Two mathematics courses required with MATH 1113 (College Algebra) as the minimum allowable course.

- MATH 1113 - College Algebra
- MATH 1173 - Math for Business and Social Science
- MATH 1213 - Trigonometry
- MATH 1273 - Calculus for Business and Social Science
- MATH 1614 - Calculus I
- MATH 1604 - Pre-Calculus

- MATH 1624 - Calculus II
- MATH 2313 - Introduction to Statistics
- MATH 2614 - Multi-variable Calculus

Social Science (3.0 credits)

One non-history social science course.

- ANTH 2113 - Introduction to Cultural Anthropology
- CRLJ 1113 - Introduction to Criminal Justice
- ECON 2113 - Principles and Problems of Macroeconomics
- ECON 2123 - Principles and Problems of Microeconomics
- GEOG 2113 - Economic Geography
- GEOG 1113 - Humans and the Environment
- PLSC 1113 - US Politics and Government
- PLSC 2113 - International Relations
- PLSC 2213 - Comparative World Politics
- PLSC 2513 - State and Local Politics and Government
- PSYC 1113 - General Psychology
- SOCI 1113 - Introduction to Sociology
- SOCI 2113 - Contemporary Social Problems
- SOCI 2213 - Contemporary Marriage and Family

Health (3.0 credits)

HPER 1113 is the required course. PHEA courses are limited to 4.0 credits for graduation and do not meet the health requirement.

- HPER 1113 - Health and Wellness

Military Science (2.0 to 12.0 credits)

Cadets must take military science at NMMI. Based on the minimum residency requirement, 2.0 credits (MS 1) is the minimum requirement. A contract cadet will take a maximum of 12.0 class hours of MS and 4.0 credits of physical activity.

A cadet with three years of JROTC or who started in the contract program but did not contract may be waived from the MS requirement. Any cadet in MS 1/2 can take HIS 110 in place of one semester of MS (not contract cadets). Contract cadets (MS 3/4) must take HIS 110 before they get their bachelor's degree as part of the contract requirement.

non-contract courses

- MSL 101 - Military Science I
- MSL 102 - Military Science I
- MSL 151 - Military Science II
- MSL 152 - Military Science II

contract courses

Courses leading to a commission in the US Army

- MSL 201 - Military Science III
- MSL 202 - Military Science III
- MSL 251 - Military Science IV
- MSL 252 - Military Science IV

Area I: Communications (9 Hours)

College-Level English Composition (3 Hours)

- ENGL 1113 - Freshman Composition

College-Level Writing (3 Hours)

- BUSW 2113 - Business Writing
- COMM 1113 - Public Speaking
- ENGL 1123 - Freshman Composition
or
- ENGL 2113 - Technical Writing

Oral Communications (3 Hours)

- COMM 1113 - Public Speaking

Area II: Mathematics (3 Hours)

College Algebra (3 Hours)

- MATH 1113 - College Algebra

Calculus I (4 Hours)

- MATH 1614 - Calculus I

Other College Level Math (Calc, Stats) (3 or 4 Hours)

- MTH 186
- MTH 196

Area III: Laboratory Science (8 Hours)

General Biology w/Lab (4 Hours)

- BIOL 1114
- BIOL 1124
(non-majors)
- BIOL 1214 - Principles of Biology I
- BIOL 1224 - Principles of Biology II
(majors)

General Chemistry w/Lab (4 Hours)

- CHEM 1114
- CHEM 1214 - General Chemistry I
- CHEM 1224 - General Chemistry II

General Physics w/Lab (4 Hours)

Geology/Earth Science w/Lab (4 Hours)

- Astronomy w/Lab

Area IV: Social/Behavioral Sciences (6-9 Hours)

Economics (3 Hours)

- ECON 2113 - Principles and Problems of Macroeconomics
- ECON 2123 - Principles and Problems of Microeconomics

Introductory Political Science (3 Hours)

Introductory Psychology (3 Hours)

- PSYC 1113 - General Psychology

Introductory Sociology (3 Hours)

- SOCI 1113 - Introduction to Sociology

Introductory Anthropology (3 Hours)

Area V: Humanities and Fine Arts (6-9 Hours)

Introductory History Survey (3 Hours)

Introductory Philosophy (3 Hours)

Introductory Course History, Theory, or Aesthetics of Arts/Literature (3 Hours)

- ENG 200 level courses (literature)
- MUSC 1303 - Music Appreciation

English - Two courses (6 Hours)

• ENGL 1113 - Freshman Composition
plus three hours from either composition

- ENGL 1123 - Freshman Composition
- ENGL 2113 - Technical Writing

or Business Writing

- BUSW 2113 - Business Writing

or Literature

- any 2xxx level ENGL course
- or

Communications - One course (3 Hours)

- COMM 1123 - Public Speaking

History - Two courses (6 Hours)

Any combination of courses with the HIS designation.

Humanities or Modern Language (6 Hours)

Non-language courses which satisfy this requirement are so labeled in the course description section.

Laboratory Science (8 Hours)

Any two lab sciences except CHM 101

Mathematics (3 Hours)

Social Science (6 Hours)

Six hours from designated, non-history social science courses. (See course descriptions; courses meeting the Social Sciences requirement are so labeled.)

Health (3 Hours)

Health and Wellness (HPER 1113) is a required course for the AA/AS degree.

Military Science (2-12 Hours)

Military Science is required at NMMI. Only those cadets with three years of JROTC or who are in the contract program and do not contract are exempt. ROTC contract cadets must have taken American Military History by the time they get their bachelor's degree.

Total 68 hours for graduation

English - Two courses (6 Hours)

- ENGL 1113 - Freshman Composition

plus three hours from either composition writing

- ENGL 1123 - Freshman Composition
- ENGL 2113 - Technical Writing

or Business Writing

- BUSW 2113 - Business Writing

or Literature

- any 200/2xxx level ENG/ENGL course
- or

History - One course (3 Hours)

Any course with the HIS designation except for HIS 110 – American Military History

Humanities or Modern Language (6 Hours)

Humanities courses which satisfy this requirement are so labeled in the course description section.

Laboratory Science (12 Hours)

Two semesters must be a science sequence CHM 101 and ENV 101 do not satisfy the Laboratory Science requirement.

Mathematics (6 Hours)

- MATH 1113 - College Algebra
- or higher

Social Science (3 Hours)

Three hours from designated, non-history social science courses. (See Course Descriptions; courses meeting the Social Sciences requirement are so labeled.)

Health (3 Hours)

Health and Wellness(HPER 1113) is a required course for the AA/AS degree.

Military Science (2-12 Hours)

Military Science is required at NMMI. Only those cadets with three years of JROTC or who are in the contract program and do not contract are exempt. ROTC contract cadets must have taken American Military History by the time they get their bachelor's degree.

Total 68 hours for graduation

Concentrations (AA/AS degree)

The core curriculum requirements generate essentially a liberal arts associate degree, but by careful selection of elective courses, a cadet can build a course sequence, which parallels those in other institutions that lead to the bachelor's degree. Cadets' academic advisors will counsel their advisees on other institutions' requirements for undergraduate degrees and suggest NMMI courses which parallel those sequences. Except at four-year institutions that do not sponsor ROTC programs, virtually all NMMI credit producing courses may count towards the 128-140 semester graduation total which most colleges require for the bachelor's degree. However, as is increasingly becoming common, many bachelor's degrees require 10 semesters to complete. All graduates are required to complete the CAAP assessment in the last semester.

Normal Class Loads

The normal academic load for college cadets is 17 semester credit hours. The minimum load is 12 semester credit hours.

Concentrations

A degree (AA/AS) comes from the General Education Module (AA or AS), plus 15 or more hours from the specific concentration, plus required electives to create 68 hours. A 2.00 GPA is the minimum allowed cumulative GPA. Cadets may not take more than 2.0 hours in PHEA courses or 2.0 hours in music activity courses that count toward the 68.0 hours graduation requirement.

Athletic Training Concentration (AS)

This concentration is designed to aid the student transferring to a program in Health, Physical Education or Recreational activities with an emphasis in athletic training. One of the NMMI Gateway programs developed is with NMSU in the Athletic Training area. However to meet this requirement a student will need 72 hours for the transfer. A student may meet this concentration but not meet the gateway requirement.

Required courses

To meet the Athletic Training concentration a cadet must take these courses along with HPER 1113 the required health course.

- HPER 1322 - Medical Terminology in Athletic Training
- HPER 1513 - Introduction to Athletic Training
- HPER 2913 - Athletic Clinical Practicum

Recommended courses

Additional athletic courses to meet the requirement of 15 hours and 5 courses. Note: cadet will take an additional courses to meet the NMSU gateway (7 HPER courses).

- HPER 2323 - General Medical Conditions
and
- HPER 2353 - Sports Injuries
and a number of the following courses to get at least 15 credit hours.
- HPER 1213 - Introduction and Foundations of Physical Education
- HPER 1233 - Introduction to Physical Therapy
- HPER 1253 - Sports Safety, First Aid and Emergency Care
- HPER 1313 - Performance Nutrition
- HPER 1413 - Performance Psychology
- HPER 1613 - Fitness for Health and Sports
- HPER 1913 - Introduction to Sports Management
- HPER 2542 - Theory and Techniques of Athletics

Business Administration (AA)

This concentration does require either ENGL 2113 or BUSW 2113 as the second English course, and MATH 1173 (Math for Business and Social Science) for the English and mathematics requirements. MATH 1273 (Calculus for Business and Social Sciences) and MATH 2313 (Introduction to Statistics) are highly recommended.

Required courses

Economics may meet both the requirement and the Social Science general education requirement, 68 total hours are still mandated.

- ACCT 2113 - Principles of Accounting I
- ACCT 2123 - Principles of Accounting II
- ECON 2113 - Principles and Problems of Macroeconomics
- ECON 2123 - Principles and Problems of Microeconomics

Recommended courses

At least one of the following:

- BLAW 2113 - Business Law
- BUSA 1113 - Introduction to Business
- BCIS 1113 - Introduction to Computers and Business Applications
- GEOG 2113 - Economic Geography
- MGMT 2113 - Principles of Management

Criminal Justice (AA)

Required courses

- CRIJ 1113 - Introduction to Criminal Justice
- CRIJ 1123 - Criminal Investigations
- CRIJ 2313 - Corrections
- CRIJ 2323 - American Policing

Recommended courses

and at least one from the following

- CRIJ 2253 - Introduction to Terrorism
- PSYC 1113 - General Psychology
- SOCI 1113 - Introduction to Sociology

History Concentration (AA)

Required courses

To meet the history concentration, a cadet must take the following course sequence

- HIST 2113 - History of the US I
- HIST 2123 - History of the US II

Recommended courses

and take one or both of the following sequences

- HIST 1113 - Development of Western Civilization I
and
- HIST 1123 - Development of Western Civilization II
or
- HIST 1313 - Early World History

and

- HIST 1323 - Modern World History

Additional courses

and at least one from the following to get at least 5 courses and 15 credits.

- ANTH 2113 - Introduction to Cultural Anthropology
- HIST 2313 - American Military History
- HIST 2413 - Asian Civilization to 1600
- HIST 2423 - Modern Asian Civilization
- HIST 2613 - Latin America: Historical Survey

Humanities Concentration (AA)

A cadet can earn a humanities concentration by completing 15 hours and 5 courses in the listed courses. Courses taken in the humanities general education module may be used here for the concentration with the same restriction on history courses.

- ARTS 2113 - Art History I
- ARTS 2123 - Art History II
- DRAM 1013 - Drama as Literature
- HIST 1113 - Development of Western Civilization I
- HIST 1123 - Development of Western Civilization II
- HIST 1313 - Early World History
- HIST 1323 - Modern World History
- HIST 2113 - History of the US I
- HIST 2123 - History of the US II
- HIST 2313 - American Military History
- HIST 2413 - Asian Civilization to 1600
- HIST 2423 - Modern Asian Civilization
- HIST 2613 - Latin America: Historical Survey
- HUMN 1103 - Ethics in Leadership
- HUMN 1513 - Old Testament Survey
- MUSC 1303 - Music Appreciation
- MUSC 1403 - Fundamentals of Music Theory
- PHIL 1113 - Introduction to Philosophy
- PHIL 1203 - World Religions
- PHIL 1813 - Critical Thinking
- PHIL 2013 - Ethics
- PHIL 2023 - Logic
- SPAN 1114 - Elementary Spanish
- SPAN 1124 - Elementary Spanish II
- SPAN 2113 - Intermediate Spanish I
- SPAN 2123 - Intermediate Spanish

Natural Science Concentration (AS)

A concentration in the Natural Sciences will include the general requirements for an AS degree plus the listed courses.

Required courses

- BIOL 1214 - Principles of Biology I
- BIOL 1224 - Principles of Biology II

Elective

Three courses from the following are required to meet this concentration

- BIOL 2224 - Microbiology
- BIOL 2254 - Insects and Man
- BIOL 2264 - Environmental Biology
- BIOL 2434 - Human Anatomy
- BIOL 2444 - Human Physiology
- BIOL 2554 - Agricultural and Public Health Biosecurity

Mathematics Concentration (AS)

Required courses

All three courses are required.

- MATH 1614 - Calculus I
- MATH 1624 - Calculus II
- MATH 2614 - Multi-variable Calculus

Recommended electives

At least two courses are required from this list for a total of five courses.

- MATH 1113 - College Algebra
- MATH 1213 - Trigonometry
- MATH 1604 - Pre-Calculus
- MATH 2313 - Introduction to Statistics

Pre-Medicine/Dental/Veterinary Concentration (AS)

This concentration includes the requirements for an AS degree plus the listed courses.

Required courses

The five courses listed here are required. Chemistry is a recommended elective.

- BIOL 1214 - Principles of Biology I
- BIOL 1224 - Principles of Biology II
- BIOL 2224 - Microbiology

- BIOL 2434 - Human Anatomy
- BIOL 2444 - Human Physiology

Recommended electives

- CHEM 1214 - General Chemistry I
- CHEM 1224 - General Chemistry II

Pre-Nursing Concentration (AS)

This concentration is specifically tailored to the next school. Cadets wishing to complete this concentration need to see their academic advisor and identify the specific requirements necessary at the four-year university. Cadet will complete the AS general education requirements and these required and optional courses for the concentration. Based on the four-year requirement, a cadet may take more than the 68 minimum AS requirement to meet this concentration.

Required courses

- BIOL 1154 - General Biology
- BIOL 2224 - Microbiology
- BIOL 2434 - Human Anatomy
- BIOL 2444 - Human Physiology
- PSYC 2213 - Developmental Psychology

Recommended electives

Some of these electives will also meet AS core requirements, but some are in addition to the General Education AS core.

- BIOL 2233 - Science of Nutrition
- CHEM 1104 - Introduction to Chemistry
- COMM 1113 - Public Speaking
- MATH 2313 - Introduction to Statistics

Physical Sciences Concentration (AS)

Required courses

- MATH 1614 - Calculus I
- MATH 1624 - Calculus II

Lab Science sequence

At least one of the sequences

- CHEM 1214 - General Chemistry I
- CHEM 1224 - General Chemistry II
- or
- GEOL 1214 - Physical Geology

- GEOL 1224 - Historical Geology
or
- PHYS 1114 - General Physics I
- PHYS 1124 - General Physics II
or
- PHYS 1215 - Engineering Physics I
- PHYS 1225 - Engineering Physics II

Recommended electives

- CHEM 2214 - Organic Chemistry I

Political Science/Government Concentration (AA)

Required courses

- PLSC 1113 - US Politics and Government
- PLSC 2113 - International Relations
- PLSC 2213 - Comparative World Politics
- PLSC 2513 - State and Local Politics and Government

Recommended courses

and at least one course from the following

- HIST 1113 - Development of Western Civilization I
- HIST 1123 - Development of Western Civilization II
- HIST 1313 - Early World History
- HIST 1323 - Modern World History
- HIST 2113 - History of the US I
- HIST 2123 - History of the US II
- SOCI 1113 - Introduction to Sociology

Pre-Engineering Concentration (AS)

Required courses

- MATH 1614 - Calculus I
- MATH 1624 - Calculus II
- PHYS 1215 - Engineering Physics I
- PHYS 1225 - Engineering Physics II

Recommended electives

plus at least one course from the following

- CHEM 1214 - General Chemistry I
- CHEM 1224 - General Chemistry II
- MATH 2313 - Introduction to Statistics
- MATH 2614 - Multi-variable Calculus

- ENGR 1453 - Engineering Graphics I
- ENGR 1463 - Engineering Graphics II
- PHYS 2223 - Engineering Statics

Social Science Concentration (AA)

Required courses

At least four from the following courses

- ANTH 2113 - Introduction to Cultural Anthropology
- GEOG 2113 - Economic Geography
- PLSC 1113 - US Politics and Government
- PSYC 1113 - General Psychology
- SOCI 1113 - Introduction to Sociology

Recommended courses

and at least one from the following courses:

- PSYC 2113 - Psychology of Adjustment
- PSYC 2213 - Developmental Psychology
- SOCI 2113 - Contemporary Social Problems
- SOCI 2213 - Contemporary Marriage and Family

Additional courses

The following additional courses are highly recommended

- CRIJ 1113 - Introduction to Criminal Justice
- MATH 1173 - Math for Business and Social Science

Certification

Service Academy Preparatory Program Certificate

NMMI participates as a receiving school for the service academy preparatory programs. The non-profit Foundations from the Air Force, US Military Academy, and the Naval Academy sponsor qualified students to attend NMMI for one year and participate fully in both the academic program and the Corps of Cadets. Additionally, the SEAGRITS program sponsors students to attend NMMI for a year prior to being appointed to the Coast Guard Academy. NMMI also supports a similar program with the Merchant Marine Academy. Following a successful year at NMMI, these cadets may receive appointments to the academies.

This is a one-year program designed to *prepare* the service academy preparatory cadet seeking admission to a service academy.

Residency. A college cadet must earn a minimum of 32 credit hours at NMMI and spend two semesters in residence. Completion does not guarantee admission to a service academy.

Semester Hours. Minimum of 32 hours is required over two semesters.

Requirements

Required Subjects

English

- 2 courses
- ENGL 1113 - Freshman Composition
and one other non-developmental English course

Laboratory Sciences

- Two to four lab science courses depending on the service academy
- CHEM 1214 - General Chemistry I
- CHEM 1224 - General Chemistry II
>USCGA and USMMA additional requirement
- PHYS 1114 - General Physics I
- PHYS 1124 - General Physics II

Physical Education

- 2 courses in Prep PE
- PHEA 1131 - Service Academy Preparation Physical Training
- PHEA 1141 - Service Academy Preparation Physical Training II

Military Science

- 2 courses
- MSL 101 - Military Science I
- MSL 102 - Military Science I

Mathematics

- 2 courses generally pre-calculus or higher
- MATH 1113 - College Algebra
or higher
- MATH 1213 - Trigonometry
- MATH 1604 - Pre-Calculus
- MATH 1614 - Calculus I
- MATH 1624 - Calculus II
- MATH 2614 - Multi-variable Calculus

Electives

- as necessary for the 32 hour minimum requirement
- USAFA, USMA and USNA generally history and psychology

- HIST 1113 - Development of Western Civilization I
- HIST 1123 - Development of Western Civilization II
- HIST 2113 - History of the US I
- HIST 2123 - History of the US II
- PHEA 1211 - Swimming
- PSYC 1113 - General Psychology

High School

High School Program

High School Admission

New cadets are admitted only at the beginning of the Fall and Spring semesters.

Accepted applicants are placed in classes at New Mexico Military Institute in accordance with the number of credits earned at the time of initial enrollment. Progress through the curricular requirements is performance rather than time based. Curricular requirements will not be waived.

Transfer of High School Credits

High school cadets may transfer credits at the time of admission from accredited programs provided that a passing grade was attained in each course transferred. Credits shall be transferable with no loss of value between schools. A grade of "TR" for satisfactorily completed classes will be recorded for credits awarded by non-accredited educational entities. All high school graduates must complete high school graduation requirements prescribed by NMMI. Course descriptions may be required for transfer of courses to meet NMMI requirements for graduation.

Home-school cadets transferring to the Institute from a program accredited by a national/regional recognized accrediting agency will have credits accepted as transfer credit (letter grade) with no loss of credit/value. Lab science credits will be validated to ensure those courses were taken in a true lab format. Cadets will take the admissions tests to assist in determining appropriate placement.

Cadets entering from non-accredited programs will have all coursework validated by the appropriate department for credit and courses not validated will not be given credit.

Effective Fall 2008, All non-English speaking schools or schools where the coursework is not in an English environment must pass one semester of a higher level of English at NMMI to receive the prior English credit. This is also the case for non-accredited schools (home/foreign). For example: student enters as a high school junior must complete one semester of junior English at NMMI to receive credit for freshman and sophomore English courses completed elsewhere with a passing grade.

High School Residence/Course Completion Requirements

A third class new cadet must earn a minimum of four units/credits at NMMI and spend two semesters in residence. (Note: Successful completion of NMMI English courses 4A & 4B and a minimum of one year of NMMI mathematics at the Algebra 2 level or above are required for high school graduation.)

A maximum of one unit (1.0 credits) earned after leaving the Institute in good standing may be submitted to fulfill graduation requirements. The appropriate academic division head and the Academic Dean must approve post-NMMI courses to meet graduation requirements.

High School Correspondence/Summer School/Distance Learning Standards

Correspondence/on-line courses must meet the following criteria:

- Courses taken via correspondence/summer school/distance learning must be validated by the student and the advisor in the cadet's graduation plan with the high school principal and have written permission prior to enrollment. This will allow a cadet to take advanced courses to graduate early or make up failures. A cadet may not take a course to avoid taking an NMMI course.
- While enrolled at NMMI, a cadet must take the NMMI core course requirement to graduate from NMMI. If the cadet completes the NMMI course, the cadet may repeat the course (except for capstone courses - currently ENG 041/042) via distance learning/correspondence with permission to improve their grade. However, this may not take place during the academic year except for the last (senior) semester at NMMI.
- Cadet must take the course at NMMI if offered.
- If the cadet cannot schedule the required class in the last semester of the graduation year, the cadet can request a correspondence or on-line course.
- On-line courses must have a mandatory valid login.
- The number of transfer courses from summer school and correspondence cannot exceed two (2) units/4 courses earned while enrolled at NMMI.
- Correspondence courses may not be taken during the academic semester that a cadet is enrolled in or has withdrawn from a parallel NMMI course.
- Private tutoring or home schooling must be from a recognized accredited source..

Normal Class Load

The academic load for a high school cadet is five academic solids (English, math, social science, lab science or similar core courses) plus leadership training and physical education. The minimum high school academic load is four academic solids plus leadership training and physical education. Cadets requesting a minimum load must have approval of the Associate Dean and written permission from their parents. Cadets carrying less than a full class load are not eligible for Superintendent's or Deans' List.

The length of time it will take an entering cadet to satisfy the requirements of the high school diploma will depend on the number of acceptable units submitted on entrance. An entering Fifth Classman (sophomore) will have three years to accumulate the required units, whereas an entering Third Classman (senior) may find that completion will take longer than a year's time. This fact must be recognized by all those admitted who expect to earn a high school diploma. However, a cadet in the Third Class may, with the Dean's approval, take a maximum of eleven semester hours credit at the college level.

Overloads

Cadets with a 3.0 GPA or above from the previous grading period may take more than five solids upon the recommendation of their academic advisor. The Vice Dean/High School Principal must authorize more than five solids for high school cadets. Overloads are not recommended for a cadet with a GPA of less than 3.0 from the previous semester grading period. Upon the cadet's request and with the recommendation of the academic advisor, an overload may be authorized if the cadet's schedule (academic, athletic, extra-curricular) suggests that there is reasonable probability that the cadet can successfully handle the overload.

Scholastic Tests

All high school cadets are required to take the American College Testing examination (ACT) as a graduation requirement. A cadet who is not a citizen of the United States and whose primary language is not English may elect to substitute the Test of English as a Foreign Language (TOEFL) for the ACT with the approval of the Vice Dean. These tests are administered by the Student Assistance Center on national test dates. The ACT should be taken in the second semester of the junior year and/or the first semester of the senior year. Colleges require not only a transcript of one's academic record, but also ACT or SAT scores. The Student Assistance Center also administers other academic and placement tests such as the PLAN Test required in the sophomore year; the PSAT (Preliminary Scholastic Aptitude Test) required in the fall of the junior year; the SAT, and reading and math placement tests for new cadets.

College Courses Taken for High School Credit

High school cadets who successfully complete college courses for high school credit will receive college credit for these courses. This credit carries a grade, which affects the Grade Point Average on the college transcript. A high school cadet may take college courses for college credit only, college credit and high school credit, or co-enrolled credit. However, the college course will always create a separate college transcript at NMMI. An high school cadet should have at least a 3.00 GPA prior to enrolling.

Based on the counsel of the academic advisor and on demonstrated academic ability, a high school junior or senior may be permitted to take college courses concurrently with high school courses, either for high school and/or college credit (co-enrolled for high school and college credit) with permission of the Vice or Academic Dean.

A cadet may satisfy the requirement for the high school diploma while enrolled in college subjects through dual-enrollment.

Failure to earn a grade point average (GPA) of at least 2.00 for courses taken at NMMI may be considered by the Admissions Board as grounds for refusal to admit a cadet to the Second Class (college freshman).

Requirements

Graduation Requirements

The NMMI high school curriculum is college preparatory. Twenty-three units of credit are required for graduation (Twenty-four for entering high school freshmen starting Fall 2008). NMMI graduates must successfully pass NMMI English courses 4A and 4B and a minimum of one year of NMMI mathematics at the Algebra 2 level or above. Additionally, the American College Test (ACT) is a requirement for the high school diploma. A cadet whose clear intention is to attend a college or university, which requires the Scholastic Aptitude Test (SAT) for admission may elect to substitute that test for the ACT with the approval of the Vice Dean. A cadet who is not a citizen of the United States and whose primary language is not English may elect to substitute the Test of English as a Foreign Language (TOEFL) for the ACT with the approval of the Vice Dean.

Communication Skills/Modern Language (Cr. 2 ½ Units)

Successfully completing a semester course generates ½ unit. Two and one-half units to include 2 units in one foreign language and ½ unit in communication skills. An entering 5th classman (HSSO or higher) with a language not offered by NMMI will only be required to take one additional unit of a language and ½ unit communications. Speech, Myths and Folktales, Current Events, Introduction to Drama, and similar courses as well as the third year of a language meet this ½ unit requirement but do not substitute for the English requirements.

- COM 031 - Speech
- COM 048 - Practicum in Yearbook Production
- COM 049 - Practicum in Yearbook Production
- COM 068 - Theater Production
- COM 069 - Theater Production
- COM 091 - Current Events I
- COM 092 - Current Events II
- ENG 025 - Myths and Folktales of the World
- SPN 011 - Spanish 1A
- SPN 012 - Spanish 1B
- SPN 021 - Spanish 2A
- SPN 022 - Spanish 2B
- SPN 031 - Spanish 3A
- SPN 032 - Spanish 3B
- SPN 041 - Spanish 4A
- SPN 042 - Spanish 4B

English 1, 2, 3, and 4 (Cr. 4 Units)

Successfully completing a semester course generates ½ unit. Four units are required to include English 4A and 4B. Mass communication or similar English courses do not meet the English requirements.

- ENG 011 - English 1A
- ENG 012 - English 1B
- ENG 021 - English 2A
- ENG 022 - English 2B

- ENG 031 - English 3A
- ENG 032 - English 3B
- ENG 041 - English 4A
- ENG 042 - English 4B

Mathematics (Cr. 4 Units effective Fall 2008)

Successfully completing a semester course generates $\frac{1}{2}$ unit. Four units are required; three of which must be MTH 021-022 Algebra I; MTH 033-034 Algebra II; and either MTH 037-038 Geometry or MTH 043-044 Geometry/Trigonometry/Algebra III. The fourth unit may be MTH 015-016 Pre-Algebra, MTH 017 Algebra 1/2 (only if taken prior to Algebra I), MTH 047-048 Pre-calculus, MTH 061-062 Calculus, or any two semesters of the following: MTH 042 Trigonometry or any college level math course at or above MATH 1073 Contemporary Math. Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above. The one year requirement may be satisfied through a challenge exam.

- MTH 021 - Algebra IA
- MTH 022 - Algebra IB
- MTH 033 - Algebra IIA
- MTH 034 - Algebra IIB
- MTH 037 - Geometry A
- MTH 038 - Geometry B
- MTH 042 - Trigonometry
- MTH 043 - Geometry-Trigonometry-Algebra III A
- MTH 044 - Geometry-Trigonometry-Algebra III B
- MTH 048 - Pre-Calculus B
- MTH 061 - Calculus A
- MTH 062 - Calculus B

Science (Cr. 3 Units effective Fall 2007)

Successfully completing a semester course generates $\frac{1}{2}$ unit. Three full units of a laboratory science are required. Two of these units must be two-semester course sequences in biology, chemistry, physics, earth science or an approved two-semester lab science sequence course. The third unit may be one of the two-semester sequences or any of the one-semester courses. A high school student may, with permission, take a college level lab science course for the third year of the lab science. General science or physical science do not meet NMMI's science requirement.

- BIO 021 - Biology
- BIO 022 - Biology
- CHM 031 - Chemistry
- CHM 032 - Chemistry
- ESC 031 - Earth Science
- ESC 032 - Earth Science
- PHY 031 - Physics
- PHY 032 - Physics
- SCI 031 - Science of Design

- SCI 032 - Science of Design

Social Science (Cr. 3 Units)

Successfully completing a semester course generates ½ unit. Three units are required. These include one unit of world history/geography; one unit of U.S. history; ½ unit of economics; and ½ unit of government. The semester course in government will meet the government requirement; this course is normally taken during the junior or senior year in high school.

- ECN 051 - Economics
- GVT 031 - American Government
- HIS 011 - World History/Geography
- HIS 012 - World History/Geography
- HIS 021 - United States History
- HIS 022 - United States History
- HIS 031 - History of the Southwest

Leadership Education (Cr. 1/2 Unit Per Semester)

Each LET course generates 1/2 unit. One unit is required to meet the overall 24-unit graduation requirement; however, enrollment in LET courses taught in the JROTC program is required in each semester of attendance at NMMI. (24 units effective Fall 2008 with high school freshman class)

- LET 011 - Leadership Education 1A
- LET 012 - Leadership Education 1B
- LET 021 - Leadership Education 2A
- LET 022 - Leadership Education 2B
- LET 031 - Leadership Education 3A
- LET 032 - Leadership Education 3B
- LET 041 - Leadership Education 4A
- LET 042 - Leadership Education 4B

Physical Education (Cr. ¼ Unit Per Semester)

Completing one semester PHE activity generates ¼ unit of credit. One-half unit is required for graduation; however, a cadet must enroll in a physical education activity each semester of attendance. One semester of Health Education is required.

- PHE 007 - Beginning Fitness
- PHE 015 - Lifetime Sports (pre-requisite course for sports activity courses)
- PHE 020 - Health and Fitness
- PHE 023 - Swimming
- PHE 025 - Dynamic Fitness
- PHE 036 - Strength and Conditioning
- PHE 037 - Golf
- PHE 048 - Tennis

Computer Literacy (Cr. ½ Unit)

One-half unit is required. The course, Computer Concepts II (Keyboarding does not meet this requirement), is recommended. Other computer science courses may be substituted for Computer Concepts with the approval of the Vice Dean. If a cadet takes keyboarding in high school, they may not take keyboarding in the college program.

- CIS 017 - Computer Concepts II

Fine/Practical Arts (Cr. ½ Unit)

One-half unit of a fine or a practical art is required.

- ART 011 - Art 1A
- ART 012 - Art 1B
- BUS 035 - General Business
- BUS 036 - Advanced General Business
- BUS 041 - Technical Communication
- BUS 042 - Business Law
- CIS 015 - Keyboarding
- MUS 011B - Band
- MUS 011C - Chapel Choir. Catholic
- MUS 011J - Jazz Band
- MUS 011L - Applied Music Lessons
- MUS 011P - Chapel Choir. Protestant
- MUS 011S - Concert Choir
- MUS 011V - Vocal Ensemble
- MUS 031 - Introduction to Music
- MUS 042B - Band
- MUS 042C - Chapel Choir. Catholic
- MUS 042J - Jazz Band
- MUS 042L - Applied Music Lessons
- MUS 042P - Chapel Choir. Protestant
- MUS 042S - Concert Choir
- MUS 042V - Vocal Ensemble

Electives (As needed)

In addition to the requirements listed above, elective courses may be taken to complete the 23-unit (24-unit Fall 2008) graduation requirement. Successful completion of one semester of band, PHE, LET, or chorus at New Mexico Military Institute generates ¼ unit.

ROTC

Military Science

ROTC Program

New Mexico Military Institute offers a two-year Basic Course or Advanced Course of Senior ROTC in the college. The curriculum of the college program is administered by the Military Science Department as prescribed by the Department of the Army. Credit for each course of instruction is transferable among the institutions offering Army ROTC. All cadets are required to participate in the ROTC program, in drills, parades, reviews, ceremonies, inspections, and practical training exercises germane to the ROTC program. Cadets are required to enroll in the appropriate ROTC class (MS 1/3) in their first year of attendance.

In addition to Military Science (MSL) courses, requirements for the Army commission include completion of an undergraduate course in military history. This has to be taken prior to accessing on active duty at the completion of the four-year degree. Military Junior Colleges (MJC) are not required to finish this prior to commissioning. The Professor of Military Science (PMS) would prefer that ROTC contract cadets finish military history at NMMI if possible. Should scheduling conflicts arise or academic workload be such that taking one of these will head a cadet toward academic failure, then certainly using the exception allowed for MJC's is in order.

Advanced Course Army ROTC

General: The Early Commissioning Program (ECP) offered at NMMI is one of only five ECP options in the nation. Officer training and ROTC curriculum is comprised of three phases. The Basic Officer Leadership Course (BOLC), Phase I includes Pre- Commissioning Training (ROTC). BOLC II is a six-week course conducted at one of two US Army posts that occurs after lieutenants' graduate from their four -year university. The final phase (Phase III) is the Officer Basic Course where lieutenants learn their specific military skill before additional training opportunities or before joining their units. The Advanced Course at New Mexico Military Institute permits a junior college graduate to complete all the requirements for a U.S. Army commission and, unique to the MJC program, be commissioned in only two years. The program consists of the following major phases:

Leader's Training Course (LTC): LTC is a 28 day course operated by the U.S. Army at Fort Knox, Kentucky, during the summer preceding entrance at NMMI as a college freshman. Applications for attendance must be made to the PMS prior to April 15 to permit adequate time for processing. Graduation from LTC qualifies cadets to enter the Advanced Course (MSL III)

In accordance with Army regulations and with the specific approval of the PMS, it is possible to waive the LTC requirement for participation in the Advanced Course program based on three or more years of prior accredited JROTC training or for completion of basic training with any branch of the Armed Forces.

The Leader Development and Assessment Course (LDAC) (Warrior Forge): Warrior Forge is a 33-day course operated by the U.S. Army at Fort Lewis, Washington. Attendance is scheduled for advanced course cadets during the summer between the cadet's freshman and sophomore years. Cadets may also request airborne, air assault, or other Army special courses, to include two/three weeks with an active Army unit for leadership training.

Eligibility: The program is open to all cadets who meet the following qualifications:

Academics: Have an acceptable score on either the ACT or SAT college entrance exam per ROTC guidelines, and be a high school graduate with a minimum GPA of 2.50 on the 4.0 scale or equivalent (C average).

Age: Be at least 17 years and able to complete the program before reaching age 30.

Physical: Pass a Department of Defense Medical Review Board (DODMERB) physical and successfully pass the US Army physical fitness test (APFT) consisting of push-ups/situps and a two-mile run. To contract into the SROTC program, a cadet must score a minimum of 60 points each in all three events of the APFT.

Loyalty: Be an American citizen and pass a National Security Agency check.

Obligation: A cadet who desires to pursue a U.S. Army commission is required to sign a contract which guarantees the cadet a commission in the Army Reserve, provided he or she satisfactorily completes the prescribed course of ROTC instruction. In turn, the cadet agrees to serve on active duty as a commissioned officer for four years plus four years with the Army Reserve. The cadet may also request the option of only three to six months of active duty and the remainder of the eight years with a reserve component.

Monetary Considerations: A contract cadet receives the following allowances: (Current dollar values are available from the NMMI Military Science Department).

Stipend: \$450 per month while enrolled in college during the cadet's freshman and \$500 in the sophomore years at NMMI (nine-month school year). Ten months/ year \$4500 /5000 total.

Uniform Commutation: Approximately \$2724 males/ \$3063 females.

LTC: Transportation is provided or travel expenses are reimbursed; food, clothing, and housing are provided, and the cadet is paid approximately \$800 for the four-week course.

Warrior Forge: Transportation is provided or travel expenses are reimbursed; food, clothing, and housing are provided, and the cadet is paid at the same rate (Approximately \$950) as a cadet at the U.S. Military Academy for the four-week period of summer training.

Simultaneous Membership Program (SMP): Cadets who are members of the National Guard or Army Reserve may be eligible for cadet status in pay grade E5 (242 per month) with the National Guard or Army Reserve while in the Advanced Course. These cadets attend monthly drills with their units or another unit at a time that does not interfere with ROTC or LDAC.

Commissioning options: Upon completion of MSIII and MSIV instruction (end of sophomore year), cadets will receive their commissions as second lieutenants in the U.S. Army Reserve. They then have up to three years to obtain their baccalaureate degree. During these three years, they are required to affiliate with National Guard or Army Reserve units as second lieutenants (earning time in service benefits and approximately \$5000 per year). They may apply for active duty when they receive their baccalaureate degree.

Baccalaureate Degree: Upon receipt of the baccalaureate degree, a reserve officer from the ECP program may enter active duty for four years or may request duty for training (three to six months) and subsequent reserve force duty. Though granted on a very limited basis, they may also apply for an educational delay to attend graduate school.

Regular Army Commission: Advance ROTC cadets in the upper half of their academic class and in the upper third of their military class, possessing the required outstanding traits of leadership, character, and general military aptitude, may be designated a Distinguished Military Cadet (DMS). If they retain superior ratings until obtaining a baccalaureate degree, they can be designated a Distinguished Military Graduate (DMG).

Army ROTC Basic Course

College cadets not qualified for participation in the advanced course program (MSIII, MSIV) will be enrolled in the non-contract ROTC Basic Course (MSI, MSII). This program prepares cadets for advanced ROTC participation in their final two years of college. They take MSI and MSII at NMMI and MSIII and MSIV at a college of their choice. These cadets participate at NMMI in classroom instruction and may participate in practical field training exercises. There is no military obligation incurred by taking the basic course. (MSL 1 or 2)

Army ROTC Scholarships

The U.S. Army has authorized the PMS to process two-year Army ROTC scholarships. Competition for two-year scholarships is based upon academic performance, extracurricular and athletic activities and a telephonic or personal interview conducted by the ROTC Recruiting Operations Officer. The applicant must complete LTC in order to validate the two-year scholarship. Additionally, the PMS has scholarships that can be awarded based upon participation in Junior ROTC (PMS discretion) or completion of basic training. The scholarships provide for the payment of all tuition, most books and all fixed school laboratory fees for the scholarship period, or room and board. Scholarship winners must enroll in MS III and sign a contract (see obligations) if they desire to use their two-year ROTC scholarship.

Courses

Business Administration

ACCT 2113 - Principles of Accounting I

Introduces fundamental accounting principles and procedures. Examines present accounting theory and practices with applications to the sole proprietorship. (Financial Accounting)

Credit Hours Cr. 3.0 hrs

Second Title

Financial Accounting

Note

Was BUS 213 prior to Fall 2008.

ACCT 2123 - Principles of Accounting II

Application of theory and practice to partnership and corporations, manufacturing operations, cost determination, financial statement analysis and Federal tax considerations. (Managerial)

Credit Hours Cr. 3.0 hrs

Second Title

Managerial Accounting

Note

Was BUS 214 prior to Fall 2008

Prerequisite

ACCT 2113

BCIS 2113 - Introduction to Programming, Web Design and Multimedia

Introduces basic programming concepts and applications. Introduces the role of the microcomputer in a business setting. Applications will be used to enhance the development, promotion and marketing of business activities and information exchange.

Credit Hours Cr. 3 Hrs

Prerequisite

Prerequisite: Computer Concepts course or instructor approval.

BLAW 2113 - Business Law

Investigates the basic principles of tort law and their application to business problems. Includes: court system, legal procedures, law of contracts, agency, employment, negotiable instruments, personal property, and sale of goods.

Credit Hours Cr. 3 Hrs

BUSA 1113 - Introduction to Business

Surveys the entire field of business, intended for first-year college students. Concepts of business organization, structure, and decision-making processes. Explores areas of

specialization and career opportunities in the business world.
Credit Hours Cr. 3.0 hrs

BUSW 2113 - Business Writing

Explores the theory and practice of business Writing emphasizing style, structure, and format in letters, memoranda, resumes, and reports.

Credit Hours Cr. 3 Hrs

Note

Students successfully completing this course may not enroll in ENGL 2113
Prerequisite: ENGL 1113. This course can satisfy three of the six semester hour core English requirements.

ECON 2113 - Principles and Problems of Macroeconomics

Describes the economic system governing the productive apparatus; while identifying underlying social and economic goals, measuring and determining national income, employment, and inflation; and introducing fiscal and monetary policy analysis.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Social Science Requirement)

Area

(Area IV NMCCN ECON 2113)

Prerequisite

No prerequisite.

ECON 2123 - Principles and Problems of Microeconomics

Introduces microeconomic theory. Emphasizes consumer behavior, production decisions, theories of value, price determination, and demand and supply relationships in the marketplace.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Social Science Requirement)

Area

(Area IV NMCCN ECON 2123)

MGMT 2113 - Principles of Management

Presents managerial functions as they apply to business. Planning, organizing, staffing, directing, and controlling the functions of management are examined in depth.

Credit Hours Cr. 3.0 hrs

MKT 201 - Principles of Marketing

Introduction to basic concepts and principles of marketing management. Topics include market identification and analysis, product planning and development; and pricing, promotion, and distribution strategies. criminal justice.

Credit Hours Cr. 3 Hrs

MKTG 2113 - Principles of Marketing

Introduction to basic concepts and principles of marketing management. Topics include market identification and analysis, product planning and development; and pricing, promotion, and distribution strategies

Credit Hours Cr. 3.0 hrs

Note

Was MKT 201 prior to Fall 2008

High School

ACT 011 - ACT/SAT Review

Prepares students for the Scholastic Aptitude Test (SAT) or the American College Test (ACT). Program is designed to gain through practice experience with the testing approaches. Covers verbal Areas of synonyms, antonyms, analogies, vocabulary, syntax, and grammar as well as reading in social sciences and natural science. Includes a complete series of problems in mathematics, including algebra and geometry.

Credit Hours Cr. 1/4 hr

Area

High School

Note

Course will replace a PE activity the one semester taken.

ARB 011 - Arabic I

Introductory Arabic for high school students.

Credit Hours Cr. 1/2 unit

Area

High School

ARB 012 - Arabic I

Second semester of introductory Arabic.

Credit Hours Cr. 1/2 unit

Area

High School

When Offered

Spring

ARB 021 - Arabic II

First semester of the second year of high school introductory Arabic

Credit Hours Cr. 1/2 unit

Area

High School

When Offered

Fall

ARB 022 - Arabic II

Second year, second semester of high school introductory Arabic

Credit Hours Cr. 1/2 unit

Area

High School

When Offered

Spring

ART 011 - Art 1A

Introduces two dimensional art with an emphasis on basic design theory. Composition, color theory artistic techniques, computer basics and perspective will be covered.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

When Offered

Course is offered Fall and Spring semester.

ART 012 - Art 1B

Continues ART 011. Perspective, lettering, color theory, and 3-D design will be covered.

Various subjects, both natural and man-made, will be drawn and painted.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

When Offered

Spring semester.

Prerequisite

Prerequisite ART 011 or permission of instructor.

BIO 021 - Biology

Surveys the five kingdoms of organisms, with emphasis on human biology. Molecular biology, nature of scientific data, and bio-terminology are emphasized. Laboratory work includes the metric system, compound microscope, plant and animal dissections, and teacher demonstrations.

Description change Fall 2009: High school Biology 021 is a one semester laboratory science course (0.5 units). The focus of this course is to provide foundational knowledge for basic biochemistry and cell biology that includes genetics, evolution and the history of life on earth. This course a prerequisite for Bio 023 and Bio 024. Fall Semester

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

When Offered

Fall

Note

Lab fee required.

BIO 022 - Biology

Surveys the five kingdoms of organisms, with emphasis on human biology. Molecular biology, nature of scientific data, and bio-terminology are emphasized. Laboratory work includes the metric system, compound microscope, plant and animal dissections, and teacher demonstrations. Lab fee required.

Fall 2009 description change: High school Biology 022 is a one semester laboratory science course (0.5 units). The primary focus of Biology 022 is anatomy and physiology.

Application of basic biochemistry, cell biology and genetics will be reinforced. Spring Semester

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

Note

Lab fee required.

BUS 035 - General Business

Provides a basic understanding of the functions of business organizations within our economic and social environment, specific emphasis upon the handling of one's personal business affairs, and an individual's relationship to the world of work. Course will satisfy either a communications or practical arts requirement.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

Note

Limited to sophomores with freshmen on an individual basis.

BUS 036 - Advanced General Business

Provides a deep understanding of the functions of business organizations within a global economic and social environment. Specific emphasis upon business organizations, structure and decision-making processes. Explore career opportunities in the business world. Course will meet either a communications or practical arts requirement.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

Note

Limited to juniors with seniors on an individual basis.

BUS 041 - Technical Communication

Introduces the theory and practice of business Writing emphasizing style, structure, and format in letters, memoranda, resumes, and reports.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

Note

Students successfully completing this course may not enroll in COM 041. Concurrent Enrollment with BUS 204.

BUS 042 - Business Law

Investigates the basic principles of tort law and their application for business problems. Includes court systems, legal procedures, law of contracts, agency, employment, negotiable instruments, personal property and sale of goods.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

Note

Limited to juniors with seniors on an individual basis.

BUS 051 - Financial Literacy

Students will learn how to maximize their earnings potential, manage financial resources, organize personal finances, use a budget, understand and develop skills for using credit and implement a diversified investment strategy that is compatible with personal goals.

Updated Fall 2009: Cross-tally course MTH 053/BUS 051. Students will understand their personal finance responsibilities by applying mathematics to learn the importance of money management, financial security, financial budgeting, debt or credit management, gambling risks, compounding interest, present value/future value computations, loans, mortgages, taxation, inflation and risk management.

Credit Hours Cr. 0.5 hrs

Note

For HS juniors and seniors. Student takes as either BUS 051 or MTH 053 and makes the election prior to classes. MTH 053 will meet math requirement.

CHM 031 - Chemistry

Helps the student see how chemical principles are developed from experimental observations and data. Concepts are first introduced in simplest terms and slowly developed until the student can deal with their quantitative aspects. Because of its scope and in-depth development of concepts, this course is a year sequence course.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

Note

Lab fee required.

Prerequisite

MTH 021-022 with a minimum grade of C. Must pass CHM 031 to enroll in CHM 032.

CHM 032 - Chemistry

Helps the student see how chemical principles are developed from experimental observations and data. Concepts are first introduced in simplest terms and slowly developed until the student can deal with their quantitative aspects. Because of its scope and in-depth development of concepts, this course is a year sequence course.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

Note

Lab fee required.

Prerequisite

Prerequisite: MTH 021-022 with a minimum grade of C. Must pass CHM 031 to enroll in CHM 032.

CIS 015 - Keyboarding

Introduces the keyboard and principle components of the word processing application on the microcomputer. Emphasis is on the development of typing using the touch typing method through typing letters, classroom assignments and term papers. It is a self-paced course and not for students who have received credits for a similar course.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

Note

Lab fee required. Does not meet the computer science graduation requirements.

CIS 017 - Computer Concepts II

Studies the impact of computers on society, including the development of information processing and Program development. Microcomputers are used for the teaching of various productivity applications such as word processing, database management, spreadsheets, desktop publishing and the Internet.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

Note

Lab fee required.

COM 031 - Speech

Concentrates on the basic principles of speech, practical speech activities and group discussion.

Credit Hours CR. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

COM 048 - Practicum in Yearbook Production

Produces through a workshop the school annual, the Bronco.

Credit Hours Cr. 1/4 Unit

Area

High School

Note

May be repeated for a total of ? unit.

Prerequisite

Prerequisite: permission of the instructor.

COM 049 - Practicum in Yearbook Production

Produces through a workshop the school annual, the Bronco.

Credit Hours Cr. 1/4 Unit

Area

High School

Note

May be repeated for a total of ? unit.

Prerequisite

Prerequisite: permission of the instructor.

COM 068 - Theater Production

Provides exercises and workshops in theater skills, stagecraft and technical support or production.

Credit Hours Cr. ? Unit

Area

High School

Designation Abbreviation

(CP)

Note

May be repeated for a total of ? unit.

COM 069 - Theater Production

Provides exercises and workshops in theater skills, stagecraft and technical support or production.

Credit Hours Cr. 1/4 Unit

Area

High School

Designation Abbreviation

(CP)

Note

May be repeated for a total of ? unit.

COM 091 - Current Events I

Provides an opportunity to develop or improve written and communicative skills through the examination of current issues, movements and influential people. Emphasis placed on research, Writing, vocabulary, individual presentations and group discussions.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

Note

Freshmen and Sophomores only. May not be repeated.

COM 092 - Current Events II

Provides an opportunity to develop or improve written and communicative skills through the examination of current issues, movements and influential people. Emphasis placed on research, Writing vocabulary, group presentations and discussions/debate.

Credit Hours Cr. 1/2 Unit

Area

High School

Designation Abbreviation

(CP)

Note

Juniors and Seniors only. Priority given to those without COM 091. COM 092 may be repeated with instructor and Associate Dean approval.

ECN 051 - Economics

Introduces fundamental economic concepts and the study of the five main divisions: consumption, production, exchange, distribution, and governmental functions.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

Limited to seniors. Courses designated (H) in the listing above are high school Honors courses. In addition, some, but not all, social science/business administration college courses may be designated as honors when taken by NMMI high school cadets for high school credit. A listing of these courses is available upon request.

ENG 007 - English Acceleration

This reading, writing and grammar acceleration course will enhance and support student learning, boost skills in language and writing, and provide skills and learning strategies to be used in the classroom, which will ultimately improve the probability of academic success. Cadets will ultimately improve the probability of academic success. Cadets will also receive individualized support in how to overcome barriers in succeeding in their content area classes. Daily writing, group work, peer-to-peer tutoring, grammar practice, Socratic circles, and numerous other pedagogical approaches will be used to reach students. Credit Hours Cr. 0 hr

Satisfies a Requirement

none

Note

Special course designed to enhance and support student learning to acquire the skills and knowledge to be successful at NMMI.

ENG 011 - English 1A

Improves and develops the student's skills in reading, writing, listening, speaking and critical thinking through the study of the language and its structure, composition, and Literature. Includes the study of vocabulary, spelling, grammar, and composition in addition to reading from the Literature book and two outside readings. Emphasizes the expression of ideas through oral discussion and Writing.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

ENG 012 - English 1B

Continues English 1A. Improves and develops the student skills in reading, writing, listening, speaking, and critical thinking through the study of the language and its structure, composition, and Literature. Includes the study of vocabulary, spelling, grammar, and composition in addition to readings from the Literature book and two outside sources. Emphasizes the expression of ideas through oral discussion and Writing.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

ENG 021 - English 2A

Provides the first half of an integrated program with emphasis on specific c Writing assignments and development of communication skills, vocabulary development, extensive writing practice.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

ENG 022 - English 2B

Continues English 2A with emphasis on thematic approach to literature, critical writing, continued writing practice.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

ENG 025 - Myths and Folktales of the World

A comparative study of myths and folktales from many cultures, with emphasis on critical thinking and on finding multicultural connections. Requirements include two narrative essays and one research project involving an oral presentation.

Credit Hours Cr. 1/2 Unit

Satisfies a Requirement

Satisfies a Communication Requirement

Designation Abbreviation

(CP)

Note

A high school elective.

ENG 031 - English 3A

Provides the first half of an integrated program with specific emphasis on the development of the whole composition, library work, American Literature, vocabulary development.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

ENG 032 - English 3B

Continues English 3A with emphasis on American literary heritage and critical analysis of literary works, continued writing practice.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation
(CP)

SCI 010 - Science Applications and Concepts

This class is designed to increase the interest of students in science. Course will use a student-centered, hands-on approach to teaching science and incorporating the Science Olympiad and Quiz Bowl competitions into the classroom curriculum. This does not meet NMMI high school science requirements, but is a science elective only.

Credit Hours Cr. 0.5 hrs

Prerequisite

Algebra 1

College Success

ACT 500 - ACT Review

Prepares students Scholastic Aptitude Test (SAT) or the American College Test (ACT). Program is designed to gain through practice experience with the testing approaches. Covers verbal Areas of synonyms, antonyms, analogies, vocabulary, syntax, and grammar as well as reading in social sciences and natural science. Includes a complete series of problems in mathematics, including algebra and geometry.

Credit Hours Cr. 0 Hr

Note

Grade: P/F for transcript, not included in GPA.

CFYE 1002 - First Year Experience

First Year Experience is intended to give students the comprehensive living and learning experiences that will foster their smooth transition to college and academic life. The course will also gear at reinforcing leadership qualities in students, as well as enhancing personal growth and social responsibility awareness. Effective Fall 2009, now credit class vice seminar

Credit Hours Cr. 2.0 hrs

Note

Credit class effective Fall 2009 (2.0 credits)

SAC 003 - Third Class Seminar

Intensive, regular seminars focus on obtaining and completing college applications, registering for standardized testing, constructing the personal essay, obtaining teacher recommendations, and finding sources for financial aid, whether through national sources or the individual colleges/universities.

Credit Hours Cr. 0.0 hrs

SAC 004 - Fourth Class Seminar

In 4th class seminar: begin college-planning process. In small groups and in individual sessions help the cadet to better identify his/her vocational needs, interest and possible choices for majors.

Through instructional seminars for DISCOVER other search software and orientation to the Career Lab, familiarize the cadets with the various processes of exploration and college and career choice. The end results of these investigations are to enable the cadet to generally identify career areas in which s/he has an interest, the appropriate related major(s), and a list of 15-20 colleges in which the cadet has an interest.

Credit Hours Cr. 0.0 hrs

SAC 005 - Fifth Class Seminar

Fifth class, educational expectations are guided by PLAN testing and GPA, thus forming foundation short and long term goals.

SAC 006 - Sixth Class Seminar

In the sixth class year, counselors introduce cadets to time management, study skills, goal-setting and interest inventories; these skills are reinforced in the guidance curriculum through high school.

Anthropology

ANTH 2113 - Introduction to Cultural Anthropology

Explores the basic principles of cultural anthropology from the origin through the evolution of culture, with special emphasis on the nature of kinship, religious, economic, and political systems.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Social Science

Area

IV

Modern Languages

ARBC 1041 - Iraqi Language and Culture

This is a one-credit course designed to give students a background in the Arabic language as spoken in Iraq as well as a cultural background for Iraqi society. Topics will include the Arabic language and alphabet, commands and everyday phrases used in Iraq, the general history and geography of Iraq and the Middle East. Class is team taught with language and military science department.

Credit Hours Cr 1 hr

Satisfies a Requirement

none

ARBC 1114 - Elementary Arabic

Introduces the Arabic alphabet and pronunciation. Stresses basic skills; listening, speaking, reading and Writing. Develops an awareness of multiple Arabic-speaking cultures.

Credit Hours Cr. 4 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

Note

Classroom and lab for the non-native speaker. Students with up to two years of high school language should enroll in the 1xxx/100 series. Students with three years or more of high school language should enroll in the 2xxx/200 series. Students should enroll sequentially in language courses. Each student enrolled in the 100/1xxx (beginning) series will have a language laboratory each week. A lab fee is required.

ARBC 1124 - Elementary Arabic

Introduces the Arabic alphabet and pronunciation. Stresses basic skills; listening, speaking, reading and Writing. Develops an awareness of multiple Arabic-speaking cultures.

Credit Hours Cr. 4 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

Note

Students with up to two years of high school language should enroll in the 1xxx/100 series. Students with three years or more of high school language should enroll in the 2xxx/200 series. Students should enroll sequentially in language courses. Each student enrolled in the 100/1xxx (beginning) series will have a language laboratory each week. A lab fee is required. Classroom and lab for the non-native speaker.

ARBC 2113 - Intermediate Arabic

Continues the study of grammar and language and stresses effective communication.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

Note

Students with up to two years of high school language should enroll in the 1xxx/100 series. Students with three years or more of high school language should enroll in the 2xxx/200 series. Students should enroll sequentially in language courses. Each student enrolled in the 100/1xxx (beginning) series will have a language laboratory each week. A lab fee is required.

Prerequisite

Prerequisite: ARBC 1114/1124.

ARBC 2123 - Intermediate Arabic

Continues the study of grammar and language and stresses effective communication.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

Note

Students with up to two years of high school language should enroll in the 1xxx/100 series. Students with three years or more of high school language should enroll in the 2xxx/200 series. Students should enroll sequentially in language courses. Each student enrolled in the 100/1xxx (beginning) series will have a language laboratory each week. A lab fee is required.

Prerequisite

Prerequisite: ARBC 1114/1124.

SPAN 1114 - Elementary Spanish

Stresses grammar and basic skills; listening, speaking, reading and Writing.

Credit Hours Cr. 4 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

Note

The class meets daily with three hours of lecture and two periods of lab each week.

Students with up to two years of high school language should enroll in the 1xxx/100 series. Students with three years or more of high school language should enroll in the 2xxx/200 series. Students should enroll sequentially in language courses. Each student enrolled in the 100/1xxx (beginning) series will have a language laboratory each week. A lab fee is required.

SPAN 1124 - Elementary Spanish II

Stresses grammar and basic skills; listening, speaking, reading and Writing.

Credit Hours Cr. 4 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

Note

The class meets daily with three hours of lecture and two periods of lab each week. Students with up to two years of high school language should enroll in the 1xxx/100 series. Students with three years or more of high school language should enroll in the 2xxx/200 series. Students should enroll sequentially in language courses. Each student enrolled in the 100/1xxx (beginning) series will have a language laboratory each week. A lab fee is required.

SPAN 2113 - Intermediate Spanish I

Continues the study of grammar and language, and stresses effective reading.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

Note

Students with up to two years of high school language should enroll in the 1xxx/100 series. Students with three years or more of high school language should enroll in the 2xxx/200 series. Students should enroll sequentially in language courses. Each student enrolled in the 100/1xxx (beginning) series will have a language laboratory each week. A lab fee is required.

Prerequisite

Prerequisite: SPN 112, two years of high school Spanish, or permission of the instructor.

SPAN 2123 - Intermediate Spanish

Continues the study of grammar and language, and stresses effective reading.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

Note

Students with up to two years of high school language should enroll in the 1xxx/100 series. Students with three years or more of high school language should enroll in the 2xxx/200 series. Students should enroll sequentially in language courses. Each student enrolled in the 100/1xxx (beginning) series will have a language laboratory each week. A lab fee is required.

Prerequisite

Prerequisite: SPAN 1124, two years of high school Spanish, or permission of the instructor.

Language Laboratory

ARBC 2111L - Intermediate Arabic Lab I

Language laboratory for intermediate Arabic to further understanding of the language.

Credit Hours 1.0

Satisfies a Requirement

Humanities

Area

V

When Offered

Fall

SPAN 2111L - Intermediate Spanish I Lab

Mandatory laboratory for Intermediate Spanish

Credit Hours Cr. 1 Hr.

Area

V

Note

New requirement 2008

SPAN 2121L - Intermediate Spanish II Lab

Co-req for Intermediate Spanish II.

Credit Hours Cr. 1 Hr.

Area

V

SPN 011 - Spanish 1A

Stresses the acquisition of basic skills, listening, speaking, reading, and Writing and introduces culture of Spanish speaking countries. The essentials of grammar are explained and practiced.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

Use of media equipment and software is integrated into each high school language course. A lab fee will be charged.

SPN 012 - Spanish 1B

Stresses the acquisition of basic skills, listening, speaking, reading, and Writing and introduces culture of Spanish speaking countries. The essentials of grammar are explained and practiced.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

Use of media equipment and software is integrated into each high school language course. A lab fee will be charged.

SPN 021 - Spanish 2A

Continues the study of grammar, basic skills, and culture. Introduces the development of skill in composition and conversation.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

Use of media equipment and software is integrated into each high school language course. A lab fee will be charged.

SPN 022 - Spanish 2B

Continues the study of grammar, basic skills, and culture. Introduces the development of skill in composition and conversation.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

Use of media equipment and software is integrated into each high school language course. A lab fee will be charged.

SPN 031 - Spanish 3A

Stresses advanced grammar, reading and composition. Short stories by Spanish and Spanish-American authors serve as a basis for the study of culture and conversation.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(Honors)

Note

Use of media equipment and software is integrated into each high school language course. A lab fee will be charged.

Prerequisite

Prerequisite: successful completion of SPN 022 (B or higher) or instructor permission.

SPN 032 - Spanish 3B

Stresses advanced grammar, reading and composition. Short stories by Spanish and Spanish-American authors serve as a basis for the study of culture and conversation.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(Honors)

Note

Use of media equipment and software is integrated into each high school language course. A lab fee will be charged.

Prerequisite

Prerequisite: successful completion of SPN 022 (B or higher) or instructor permission.

SPN 041 - Spanish 4A

Continues the study of advanced grammar and language. Promotes knowledge and understanding of the Spanish speaking World through its language, geography, civilization, culture and Literature.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(Honors)

Note

Use of media equipment and software is integrated into each high school language course. A lab fee will be charged.

Prerequisite

Prerequisite: successful completion of SPN 032 or instructor permission.

SPN 042 - Spanish 4B

Continues the study of advanced grammar and language. Promotes knowledge and understanding of the Spanish speaking World through its language, geography, civilization, culture and Literature.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(Honors)

Note

Use of media equipment and software is integrated into each high school language course. A lab fee will be charged.

Prerequisite

Prerequisite: successful completion of SPN 032 or instructor permission.

Art

ART 199 - Portfolio Enhancement

Develops portfolio of student work to focus on drawing, painting, basic design, and color theory.

Credit Hours Cr. 1-3 Hrs

Prerequisite

Prerequisite: Permission of instructor.

ART 202 - Painting

Introduces painting. Emphasizes color theory and mixing, developing technique, and control of media.

Credit Hours Cr. 3 Hrs

Note

(Material cost: approximately \$35.00)

Prerequisite

Prerequisite: ART 101, 105, and 110 or permission of instructor.

ARTS 1053 - Drawing

Develops basic approaches to drawing. Emphasizes learning to see natural and man-made objects in contour, gesture, direction, proportion, shading.

Credit Hours Cr. 3.0 hrs

Note

Elective course only.

ARTS 1103 - Color and Composition

Introduces color theory and its uses. Explores color composition combinations and resulting outcomes

ARTS 1403 - Computer Graphic Design

Introduction to the basic elements of design using a computer. Covers raster, vector, and layout based programs. Requires completion of projects for student portfolio review.

Primary software packages used are: Photoshop, Illustrator and Indesign. Lab fee required.

Credit Hours Cr. 3.0 hrs.

ARTS 1903 - Stained Glass

Stained glass introduction, with students studying basic glass design, composition, and different techniques to produce control of the media. Both modern and historical stained glass will be studied to improve student's understanding of the subject.

Credit Hours Cr. 3.0 hrs

ARTS 1913 - Stained Glass II

Stained Glass II continues the lessons from Stained Glass, but works on a larger scale and in 3-dimensional work combining foil and leading. Maintaining classical treatment of the medium, a stronger focus into painted, etched, and message based work will be emphasized.

Credit Hours Cr. 3.0 hrs

When Offered

Spring

ARTS 2023 - Painting

Introduces painting. Emphasizes color theory and mixing, developing technique, and control of media.

Credit Hours Cr. 3.0 hrs

Humanities

ARTS 2113 - Art History I

Surveys painting, sculpture, and architecture from Paleolithic to Renaissance. Research paper required. Offered in Fall semester. This course meets a humanities requirement.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Humanities

Area

V

When Offered

Fall

ARTS 2123 - Art History II

Surveys painting, sculpture, and architecture from Renaissance to Modern. Research paper required. No prerequisite required. Offered in Spring semester. Meets a humanities requirement.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Humanities

Area

V

HUM 110 - Ethics in Leadership

Integrates character education and moral development theory within the context of leadership. Stresses critical thinking through readings and films on fictional, historic, and contemporary leaders dealing with moral and ethical issues.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

HUMN 1103 - Ethics in Leadership

Integrates character education and moral development theory within the context of leadership. Stresses critical thinking through readings and films on fictional, historic, and contemporary leaders dealing with moral and ethical issues.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Humanities

Area

V

HUMN 1513 - Old Testament Survey

Old Testament Survey acquaints students with the content of the Old Testament and places the OT books in chronological sequence of events. The course highlights key passages and personalities for ready reference for. Specific objectives are to supply bibliographies for students to build upon after the course is finished and to elucidate the cultures of the Ancient Middle East.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Humanities

Area

V

HUMN 1523 - New Testament Survey

History, literature and teachings of the New Testament. Covers a basic understanding on the contents and contexts (literary, historical and theological) essential to understanding the New Testament.

Credit Hours Cr 3.0 hrs.

Satisfies a Requirement

Humanities
Area
Area V
When Offered
Spring

Laboratory Science

ASTR 1110L - Astronomy Lab

Laboratory portion of Astronomy 1114

Credit Hours Cr. 0.0 hrs

Area

Area III

When Offered

Spring

Note

Lab, was 1111L prior to Spring 2009

BIOL 2224 - Microbiology

Introduces the physiology morphology and activities of microorganisms. Labs involve practice in the techniques of isolation, culture and identification of microorganisms. Lab fee.

Credit Hours Cr. 4.0 hrs

Second Title

Microbiology (Area III)

Satisfies a Requirement

Lab science

Area

III

Prerequisite

BIOL 1154 or 1214

Astronomy

ASTR 1114 - Astronomy

This course is designed to teach the fundamentals of modern astronomy. It introduces the constellations, planets and basic astronomical theories. The course demonstrates how Galileo, Newton and Einstein used astronomy to lead in the development of modern science. Catastrophic consequences of astronomical events upon civilization will be addressed as well as responses by leaders. The internet will be accessed in class using laptops during this course.

Credit Hours Cr. 4.0 hrs

Satisfies a Requirement

Laboratory Science

Area

Area III

When Offered

Spring

Note

Course changed in Spring 2009 from ASTR 1113/ASTR 1111L to ASTR 1114/ASTR 1110L (all credit in the course vice course and lab)

Computer

BCIS 1113 - Introduction to Computers and Business Applications

Studies the impact of computers on society, including the development of information processing and program development. Microcomputers are used for the teaching of various productivity applications such as word processing, database management, spreadsheets, desktop publishing and the Internet. Lab fee required.

Credit Hours Cr. 3.0 hrs

Note

Was CIS 117, Computer Concepts II until Fall 2008

Biology

BIO 023 - Genetics, Genomics and Genethics

High school Biology 023 is a one semester course, which awards 0.5 units of credit toward high school graduation. The curriculum is aligned with the National Science Standards. This course explores recent developments in the field of genetics while developing an organizational structure for thinking about ethical issues. Molecular biology, history of genetics, literature research and biotechnology lab techniques will be used to help understand the how genomes can be decoded and manipulated.

Prerequisite: the completion of BIO 021.

Credit Hours Cr 0.5

Area

Biology

When Offered

Fall

Prerequisite

BIO 021

BIO 024 - Biosystematics and Ecology

A one semester (Spring) course covering biosystematics of the six recognized taxonomic kingdoms and ecology to include behavior and human interactions. Course is aligned with the National Science Standards. Course combined with BIO 021 (pre-req) will meet one year sequential lab science.

Credit Hours Cr 0.5

Prerequisite

BIO 021

BIOL 1154 - General Biology

Comprehensive survey course in general college biology. Studies the basis for and understanding of the current concepts of life and the structures and functions of living organisms. Includes the origin and evolution of life, genetics, metabolism, and the kingdoms of life. Course is three hours lecture and one hour lab. Recommended for non-science majors and may serve as a prerequisite for individual BIOL courses other than 1214 and 1224

Credit Hours Cr. 4 Hrs

Area

(Area III)

Designation Abbreviation

(3-2L)

Note

Recommended for nonscience majors. Lab fee required. Student may not take BIOL 1154 and BIOL 1214/1224 for credit.

BIOL 1214 - Principles of Biology I

Designed to prepare the student for further study in scientific and medical fields. The first semester includes biological chemistry, cell structure and function, basic metabolic pathways, genetics, biotechnology and evolution. The second semester includes: a survey of biological diversity, plant structure and function, animal structure and function and ecology. Recommended for science majors.

Credit Hours Cr. 4 Hrs

Area

(Area III NMCCN BIOL 1214 -1224)

Designation Abbreviation

(3-2L)

Note

Credit from both classes will satisfy one lab science sequence for the AS degree.

Recommended for science majors. Student may not take both BIOL 1214/1224 and BIOL 1154 for credit.

BIOL 1224 - Principles of Biology II

Designed to prepare the student for further study in scientific and medical fields. The first semester includes biological chemistry, cell structure and function, basic metabolic pathways, genetics, biotechnology and evolution. The second semester includes: a survey of biological diversity, plant structure and function, animal structure and function and ecology.

Credit Hours Cr. 4 Hrs

Area

(Area III NMCCN BIOL 1214 -1224)

Designation Abbreviation

(3-2L)

Note

Credit from both classes will satisfy one lab science sequence for the AS degree.

Recommended for science majors. Student may not get credit for both BIOL 1214/1224 and BIOL 1154.

BIOL 2233 - Science of Nutrition

A course designed to teach the basics of human nutrition. It introduces the fundamental theories and principles of nutrition at various human life stages. The course is specifically intended for students in the pre-nursing program and related medical areas. Pre-requisite: BIOL 1154 or 1214.

Credit Hours Cr. 3.0 hrs

Note

Not a laboratory science course

BIOL 2254 - Insects and Man

Comprehensive general Entomology course with added emphasis on how insects, their activities and control, have influenced human lives, history and military operations.

Credit Hours Cr. 4 Hrs

Designation Abbreviation

(3-2L)

Note

Lab fee required.

Prerequisite

Prerequisite BIOL 1154 or 1214. Open to science majors or nonmajors.

BIOL 2264 - Environmental Biology

A comprehensive general ecology and environmental biology course designed to introduce the student to environmental studies and the science of ecology with emphasis on the natural interactions of plants, animals and the environment. This course also provides emphasis on how man and his activities have influenced the natural world, human lives, and

history. Lab fee.

Credit Hours Cr. 4.0 hrs

Satisfies a Requirement

Lab science

Area

III

Prerequisite

BIOL 1154 or 1214

BIOL 2434 - Human Anatomy

Details the structure and function of the human body. Prepares the student of premed, pre-dental, pre-vet and physical education curricula for advanced courses in the study of anatomy and physiology.

Credit Hours Cr. 4 Hrs

Satisfies a Requirement

Lab science

Area

III

Designation Abbreviation

(3-2L)

Note

Lab fee required. Prior to Spring 2008 was a combined Anatomy/Physiology course. Spring 2008 split into two separate courses.

Prerequisite

Prerequisite: BIOL 1114 or 1214.

BIOL 2444 - Human Physiology

This is a comprehensive course designed for an examination of the functions of the human body and the accompanying physio-chemical relationships. Homeostatic responses constitute a common theme. The course is designed for those students interested in careers in the medical fields; nursing, physical therapy, athletic training, pre-med, etc. Lab fee and lab is required.

Credit Hours Cr. 4.0 hrs

Satisfies a Requirement

Lab science

Area

III

Prerequisite

BIOL 1154 or 1214

BIOL 2554 - Agricultural and Public Health Biosecurity

Comprehensive course concerning the agricultural and public health infrastructures, their impacts, possible biological threats, detection and safeguarding against introduction of disease, vector and pest agents. Avenues of introduction, response systems, and remedial treatments are emphasized. An intensive, one week field exercise is mandatory.

Credit Hours Cr. 4 Hrs

Prerequisite

BIOL 2224

BIOL 2901 - Current Issues in Life Sciences, Medicine and Environment

A weekly seminar for students, regardless of major, who are interested in today's issues in the life sciences, the environment and medicine, and who wish to further understand and explore questions raised by these issues.

Credit Hours Cr. 1.0 hr.

Note

Enrollment limited to students who have completed a science course and one semester at NMMI. (Does not qualify as a science requirement as no lab)

Prerequisite

Instructor permission

BIOL 2903 - Special Problems in Biology

Special problems in biology, topic to be determined

Credit Hours Cr. 3.0 hrs.

Note

Credits variable from 1.0 to 3.0 depending on topic and instructor syllabus.

Prerequisite

Permission of instructor required.

Science Laboratory

BIOL 2220L - Microbiology Laboratory

Lab for Microbiology must be enrolled in both and the grade is reported in BIOL 2224

Credit Hours Cr, 0

Satisfies a Requirement

Lab science

Area

III

BIOL 2260L - Environmental Biology Lab

Lab portion of Environmental Biology class

Credit Hours Cr, 0 hrs

Satisfies a Requirement

lab

Area

III

BIOL 2430L - Human Anatomy Laboratory

Laboratory portion of Human Anatomy.

Credit Hours Cr. 0 hrs

Satisfies a Requirement

Lab science

Area

III

BIOL 2440L - Human Physiology Laboratory

Laboratory portion of Human Physiology class

Credit Hours Cr. 0 hrs

Satisfies a Requirement

Lab science

Area

III

CHEM 1100L - Introduction to Chemistry Laboratory

Laboratory for Introduction to Chemistry (CHEM 1104)

Credit Hours Cr. 0.0 hrs.

Note

Was CHM 101L, renamed in Fall 2008

CHEM 2110L - Allied Health Chemistry Laboratory

Laboratory portion of Allied Health Chemistry

Credit Hours Cr. 0.0 hrs

Note

CHM 115L prior to Fall 2008

CHEM 2210L - Organic Chemistry I Laboratory

Laboratory portion of Organic Chemistry I - required.

Credit Hours Cr. 0.0 hrs

CHEM 2220L - Organic Chemistry II Laboratory

Laboratory portion of Organic Chemistry II

Credit Hours Cr. 0.0 hrs

GEOL 1210L - Physical Geology Laboratory

Surveys the geological processes in the light of the concept of plate tectonics. Laboratory work includes the identification of rocks and minerals and the use of geologic maps to study physical processes. Lab fee required.

Credit Hours Cr. 0.0 hrs

Note

Was ESC 111L prior to Fall 2008

GEOL 1220L - Historical Geology Laboratory

Laboratory exercises in correlation by use of fossils and physical evidence. Lab fee required.

Credit Hours Cr. 0.0 hrs

Note

Was ESC 112L prior to Fall 2008

PHYS 1110L - General Physics I Laboratory

General Physics I laboratory

Credit Hours Cr. 0.0 hrs

PHYS 1120L - General Physics II Laboratory

Laboratory for General Physics II

Credit Hours Cr. 0.0 hrs

PHYS 1210L - Engineering Physics I Laboratory

Laboratory for Engineering Physics I

Credit Hours Cr. 0.0 hrs

PHYS 1220L - Engineering Physics II Laboratory

Laboratory for PHYS 1225

Developmental

BKEY 0903 - Keyboarding

Introduces the keyboard and principle components of the word processing application on the microcomputer. Emphasis is on typing using the touch typing method through typing letters, classroom assignments and term papers.

Effective Spring 2008, this course is a developmental course and will not be used for graduation requirements. This course may be used for residency and eligibility requirements, but not the 68.0 hour graduation requirement.

Credit Hours Cr. 3 Hrs

Note

It is a self-paced course. Lab fee required.

ENGL 0993 - Basic Writing

Provides the fundamentals of composition in standard English, with an emphasis on the sentence and short writing tasks. A required course for students with TOEFL scores of 500-550 (paper) or below 150 (computer), ACT English scores of 16 or lower, or SATR verbal scores of 330 or lower, or COMPASS placement score at or below 39. Students should be co-enrolled in developmental reading. This course is developmental and does not generate graduation credit, but may be used to meet residency and eligibility requirements.

Credit Hours Cr. 3.0 hrs

Area

Developmental

Note

This course does not generate graduation credit, developmental only.

MATH 0913 - Elementary Algebra

Covers topics usually contained in a first course in algebra as a part of a computerized self-paced remedial course. Basic computational skills are reviewed with a view toward showing the transition to the concept of an unknown or variable. The class carries no graduation credit. However, it does count toward the semester and cumulative grade point average. This course does not generate graduation credit hours. It may be used for residency and eligibility requirements, but may not be used to fulfill graduation requirements.

Credit Hours Cr. 3.0 hrs

Note

Developmental/remedial course.

READ 0993 - Reading

Develops college level reading and study strategies via individualized diagnosis and work assignments. A required course for all students concurrently enrolled in ENGL 0993. Students who pass an initial screening examination may be excused. Course is developmental and does not count toward graduation requirements, although it can be used for residency and eligibility purposes.

Credit Hours Cr. 3.0 hrs

Note

Developmental course which does not count towards graduation requirements.

Chemistry

CHEM 1104 - Introduction to Chemistry

Introduction to chemistry (a preview course). Course meets the 68 hours for graduation, but does not meet the AS lab science requirement. Effective 2008, course meets AA requirement.

Credit Hours Cr. 4.0 hrs

Note

Does not meet the AS lab science requirement, but does meet the AA lab science requirement.

CHEM 1214 - General Chemistry I

Introduces the fundamental theories and principles of chemistry. Transfers as main-stream (general) chemistry for all majors. No previous chemistry course work is required.

Credit Hours Cr. 4 Hrs

Area

(Area III NMCCN CHEM 1214)

Designation Abbreviation

(3-3L)

Note

Lab fee required.

Prerequisite

Prerequisite: high school Algebra 2 or higher math. Must pass CHEM 1214 to enroll in CHEM 1224.

CHEM 1224 - General Chemistry II

Introduces the fundamental theories and principles of chemistry. Transfers as main-stream (general) chemistry for all majors. No previous chemistry course work is required.

Credit Hours Cr. 4 Hrs

Area

(Area III NMCCN CHEM 1224)

Designation Abbreviation

(3-3L)

Note

Lab fee required.

Prerequisite

Prerequisite: high school Algebra 2 or higher math. Must pass CHEM 1214 to enroll in CHEM 1224.

CHEM 2114 - Allied Health Chemistry

The course integrates general chemistry, organic chemistry and biochemistry with biological and health applications. The selected topics focus on chemical understanding and explanations of life-important processes that occur in living organizations. Lab required

Credit Hours Cr. 4.0 hrs

Satisfies a Requirement

Laboratory Science

Area

III

Note

CHM 115 prior to Fall 2008

CHEM 2214 - Organic Chemistry I

Studies nomenclature, uses, basic reactions, and preparation methods of the most important classes of aliphatic and aromatic compounds. Laboratory develops techniques, preparative and analytical methods in organic chemistry. Grade of C or better required in CHEM 1214. Lab and lab fee required.

Credit Hours Cr. 4.0 hrs

Satisfies a Requirement

Laboratory Science

Area

III

When Offered

Fall

Note

Was CHM 213 prior to Fall 2008

Prerequisite

Grade of C or better in CHEM 1214

CHEM 2224 - Organic Chemistry II

Studies nomenclature, uses, basic reactions, and preparation methods of the most important classes of aliphatic and aromatic compounds. Laboratory develops techniques, preparative and analytical methods in organic chemistry.

Credit Hours Cr. 4.0 hrs

Satisfies a Requirement

Laboratory Science

Area

III

Prerequisite

Grade of C in CHEM 1214

Communications

COMM 1003 - Introduction to Mass Communications

Focuses on mass communications and its effects on society. Covers the history, theories, development and impact of various forms of mass communications on popular culture and society.

Credit Hours Cr. 3.0 hrs

COMM 1053 - Journalism

Course builds upon composition skills learned in previous courses and applies those skills to journalistic writing with a focus on newspaper work. Students should possess basic word processing skills

Credit Hours Cr. 3.0 hrs

COMM 1113 - Public Speaking

Delineates principles of public speaking and various types of public addresses. Emphasis on clear, competent expression through thorough preparation.

Credit Hours Cr. 3 Hrs

Area

(Area 1 COMM 1113 NMCCN)

Note

Tape recordings for individual study.

COMM 1311 - Practicum in Yearbook Production

Affords opportunity for individually directed study and practice in the processes of yearbook preparation and print plant procedures; develops knowledge of production techniques of the printing and publishing industries through hands on work resulting in the production of the NMMI yearbook, *The Bronco*.

Credit Hours Cr. 1 Hr

Note

Each course (COMM 1311/1321) may be repeated once.

COMM 1321 - Practicum in Yearbook Production

Affords opportunity for individually directed study and practice in the processes of yearbook preparation and print plant procedures; develops knowledge of production techniques of the printing and publishing industries through hands on work resulting in the production of the NMMI yearbook, *The Bronco*.

Credit Hours Cr. 1 Hr

Note

Each course (COMM 1311/1321) may be repeated once.

COMM 1353 - Introduction to Digital Film Making

This is a 3 credit course that is an introduction to the three phases of video/film production. Students will learn the basics of video production such as scripting, use of mounted and hand held video cameras, use of studio cameras, and the basics of framing and types of shots. Students will be required to work in teams in the field and in the studio, and each student will fulfill the roles of writer, director, cameraperson, lighting director, audio person, talent, and various positions as a crewmembers. Through several short projects and shooting exercises, the use of equipment will be a basic element to executing a student's vision.

Credit Hours Cr. 3 hrs

Area

I

COMM 2103 - Introduction to Film Studies

Appreciation and analysis of film aesthetics. The course will explore film as a unique contemporary art form, film type, cinematic technique, film language, genres, and style. There will be screening of popular films and analysis of plot, technique, symbolism, character development, etc. Through viewing and analysis, students will develop their observation and critical thinking ability.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Humanities

Area

V

Note

Meets a humanities requirement.

Criminal Justice*CRIJ 1113 - Introduction to Criminal Justice*

Reviews and examines the history and contemporary issues in all aspects of the criminal justice system. Areas examined include crime causation, constitutional law, administration of justice, policing and police issues, court procedures and certain elements involving corrections. NOTE: CRIJ 1113 or instructor's permission is prerequisite for all higher level courses. Not open to high school students. This is the only criminal justice course that meets a social science requirement.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Social Science

Area

IV

CRIJ 1123 - Criminal Investigations

Introduces the student to the principles of scientific crime detection, identification and management of evidence, interviewing, report writing and crime scene management. Begins with an historical overview of criminal investigation and examines specific methods of investigation for most felonious offenses. Note: not open to high school students

Credit Hours Cr. 3.0 hrs

Prerequisite

CRJ 1113

CRIJ 2253 - Introduction to Terrorism

An introduction to the forces and processes of terrorism. Studies the use of terror in history; understanding the behavioral characteristics and motivations of a terrorist and an examination of the root causes of terrorism.

Credit Hours Cr. 3 Hrs

Note

Not open to high school students (Does not satisfy social science Requirement.)

Prerequisite

Prerequisite: CJU 101 or instructor's permission.

CRIJ 2313 - Corrections

Introduces the student to an overview of the correctional system. Begins with an historical review and includes an analysis of contemporary correctional systems. Includes sentencing, probation and parole, incarceration, prison issues, and community corrections. Note: not open to high school students. (Does not satisfy social science requirement.)

Credit Hours Cr. 3.0 hrs

Prerequisite

CRJ 1113

CRIJ 2323 - American Policing

A review and analysis of contemporary methods of policing and current issues and problems associated with law enforcement at all levels of government. Subjects will include: community policing, police ethics, police supervision, specialized policing, and job testing and interviewing. Note: Not open to high school students. (Does not satisfy social science requirement.)

Credit Hours Cr. 3.0 hrs

Prerequisite

CRIJ 1113

Drama*DRAM 1013 - Drama as Literature*

Provides a Theater Arts survey of drama as literature from the Greeks to 1700, and from 1700 to the present. Requirements include a critical paper and the assumption of leadership roles in public productions.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Humanities

Area

V

DRAM 1031 - Theater Production I

Provides exercises and workshops in theater skills, stagecraft and technical support or production.

Credit Hours Cr. 1.0 hrs

DRAM 1041 - Theater Production II

Provides exercises and workshops in theater skills, stagecraft and technical support or production.

Credit Hours Cr. 1.0 hrs

High School English*ENG 041 - English 4A*

Offers an integrated program with specific emphasis on English literature, language and logic, preparation for college entrance exams, refinement of writing skills through extensive writing practice, documented library paper, vocabulary development. NMMI graduates must successfully pass NMMI English 4A & 4B.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

NMMI graduates must successfully pass NMMI English 4A & 4B.

ENG 042 - English 4B

Continues English 4A with specific emphasis on English literature, a critical paper, and continued writing practice.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

NMMI graduates must successfully pass NMMI English 4A & 4B.

ENG 053 - Literary Masterpieces

This course involves practice in reading, writing, and critical thinking. After reading select novels or dramas, students will compose critical essays to demonstrate their mastery of this literature. The critical essays must demonstrate command over grammar, usage, and vocabulary in the critical papers.

Credit Hours Cr 1/2 Unit

Designation Abbreviation

(CP)

When Offered

Summer Program

Note

Essays must be complete and corrections made before grade gets assigned.

ENG 055 - Special Topics in British Fantasy

On-line course involving practice in reading, writing and critical thinking using popular British authors C.S. Lewis or J.R.R. Tolkien. After reading select novels, student will compose critical essays to demonstrate mastery of the literature. Essays must show command over grammar, usage, and vocabulary in the critical papers.

Credit Hours Cr 1/2 Unit

Designation Abbreviation

(CP)

When Offered

Summer Program

Note

Essays must be complete and corrections made before grade is assigned.

ENG 056 - Special Topics in British Fantasy

On-line course involving practice in reading, writing and critical thinking using popular British authors C.S. Lewis or J.R.R. Tolkien. After reading select novels, student will compose critical essays to demonstrate mastery of the literature. Essays must show command over grammar, usage, and vocabulary in the critical papers.

Credit Hours Cr 1/2 Unit

Designation Abbreviation

(CP)

When Offered

Summer Program

Note

Essays must be complete and corrections made before grade is assigned.

English

ENGL 1033 - Writing Workshop

Develops skills in grammar, spelling, vocabulary, and composition in a workshop atmosphere. Required for students who need to strengthen basics before enrolling in Freshman Composition as determined by COMPASS scores from 40 - 69. Prerequisite: Minimum grade of C in ENGL 0093 or ACT English minimum score of 17 or SAT verbal minimum score of 340.

Credit Hours Cr. 3.0 hrs

ENGL 1113 - Freshman Composition

Includes expository composition, the study of rhetoric, vocabulary, grammar and usage, spelling, and models for Writing. Requires library paper. Mandatory core Requirement.

Credit Hours Cr. 3 Hrs

Area

{Area I ENGL 1113 NMCCN}

Note

{This course is a prerequisite for ENGL1123 and all 200-level English courses.}

Prerequisite

Prerequisite: ACT English score of 18 or SAT verbal of 490 minimum or successful completion of ENG 103. Placement for those scoring 17 or less on the ACT and 490 or less SAT verbal score will be determined by a COMPASS test. The minimum COMPASS score is 70.

ENGL 1123 - Freshman Composition

Continues ENGL 1113, focusing on expressive, expository, and critical Writing about Literature and film.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

Satisfies the English graduation Requirement.

Area

(Area I ENGL 1123 NMCCN)

Note

Recommended for all students who transfer to four-year colleges.

Prerequisite

Prerequisite ENGL 1113.

ENGL 1403 - Bible as Literature

Considers selected portions of the bible to represent its various genres (hortatory, prophetic, poetic, gospels, epistolary, and apocalyptic). Closely reads representative passages in order to capture the historical, literary, and theological aspects. Briefly notes the relation of the Bible's influence on other literature.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Humanities

Area

V

ENGL 2113 - Technical Writing

Emphasizes the theory and practice of Writing in technical fields. Stresses efficient Writing processes and effective written products, including correspondence, resumes, and reports. Students successfully completing this course may not enroll in BUS 204.

Credit Hours Cr. 3 Hrs

Area

(Area I ENGL 2113 NMCCN)

Note

May apply toward the English graduation requirement.

Prerequisite

Prerequisite: ENGL 1113.

ENGL 2363 - American Literature II

American literature continuation covering modern American writers and movements. Critical review (paper) required.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

Humanities

Area

V

Note

Humanities course primarily designed for pre-Nursing students on their required concentration

Prerequisite

ENGL 1113

ENGL 2453 - The Rise of the Novel in the Eighteenth Century

This elective Humanities course combines the events of the eighteenth century with the emergence of the novel in England.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

Area

(Area V)

Note

May not apply toward the English graduation requirement, but does meet a Humanities credit.

Prerequisite

Prerequisite: ENGL 1113.

RDG 053 - Reading/Study Skills

Required for students whose placement test scores fall below two grade levels. Course is one or two semesters, depending on progress, with emphasis on basic reading skills and study methods.

Credit Hours Cr. 1/4 Unit

RDG 054 - Reading/Study Skills

Required for students whose placement test scores fall below two grade levels. Course is one or two semesters, depending on progress, with emphasis on basic reading skills and study methods.

Credit Hours Cr. 1/4 Unit

RDG 100 - Reading/Study Skills

Develops college level reading and study strategies via individualized diagnosis and work assignments. A required course for all students concurrently enrolled in ENG 100. Students who pass an initial screening examination may be excused.

Credit Hours Cr. 3 Hrs*

Note

*Courses numbered 100 are remedial level and do not generate graduation credit hours. This course may be used to meet residency and eligibility requirements, but may not be used to fulfill the 68 hour graduation requirement.

Mathematics

ENGR 1453 - Engineering Graphics I

Introduces engineering graphical methods and disciplines with emphasis on basic principles and applications. Topics include technical drawing and design, orthographic projection, free hand sketching, and descriptive geometry.

Credit Hours Cr. 3 Hrs

Note

The student is required to learn AutoCAD. Lab fee required. Does not meet mathematics graduation requirements.

ENGR 1463 - Engineering Graphics II

Advanced Engineering graphical methods with emphasis on 3D modeling and applications. Topics include solids and surfaces, rendering, lighting, perspective, and descriptive geometry.

Credit Hours Cr. 3 Hrs

Note

The student is required to learn AutoCAD. Lab fee required. Does not meet mathematics graduation requirements.

Prerequisite

Prerequisite: MEN 145.

MATH 1013 - Intermediate Algebra

Studies topics in exponents, radicals, factoring, linear, and quadratic equations and inequalities, polynomials, systems of linear equations and problem solving. This course may be used to meet residency and eligibility requirements and used to fulfill the 68-hour graduation requirement. However, it does not fulfill the math requirement for graduation. Course has a lab for hands-on work with the instructor (4 days per week total). Course was MTH 111 previously.

Credit Hours Cr. 3.0 hrs

Note

Was MTH 111 prior to Fall 2008.

MATH 1073 - Introduction to Contemporary Mathematics

Includes topics with modern applications such as networks and circuits, scheduling, probability and statistics, voting methods and apportionment, game theory, patterns and tilings, fractals, growth, and consumer mathematics. Meets the mathematics requirement for the AA degree but does not meet the AS requirement.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

AA Mathematics

Area

II

Note

Meets AA math requirement only.

MATH 1113 - College Algebra

Presents the typical course in college algebra. Topics include functions, graphs, polynomials, rational, exponential, and logarithmic functions, conic sections, linear systems, and inequalities. Includes use of graphing calculators as a math tool.

Credit Hours Cr. 3 Hrs

Area

(Area II NMCCN MATH 1113)

Prerequisite

Prerequisite: MTH 111 or equivalent experience.

MATH 1173 - Math for Business and Social Science

Studies finite math topics used in business, biology, and social science including systems of linear equations, matrices, linear programming, counting techniques, probability, and math of finance.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Mathematics

Area

II

Note

Meets both AA and AS mathematics requirement.

MATH 1213 - Trigonometry

Covers trigonometric functions, trigonometric identities and equations, radian measures, inverse trigonometric functions, complex numbers, vectors, and applications.

Credit Hours Cr. 3 Hrs

Area

(Area II NMCCN MATH 1213)

Note

Students may enroll concurrently in College Algebra (MTH 136).

MATH 1273 - Calculus for Business and Social Science

Introduces differential and integral calculus with application to business, economics, the behavioral and life sciences.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Mathematics

Area

II

Note

Was MTH 138 prior to Fall 2008

Prerequisite

MATH 1113 or 1173

MATH 1604 - Pre-Calculus

Studies functions necessary for students planning to take calculus. Topics include polynomial functions, exponential functions, logarithmic functions, trigonometric functions, inverse functions, with emphasis on concepts on graphical and algebraic properties of these functions. Also included are systems of equations and an introduction to sequences and series. Graphing calculators are used extensively.

Credit Hours Cr. 4.0 hrs

Satisfies a Requirement

Mathematics

Area

II

Prerequisite

MATH 1113 or higher, or MTH 034 or higher from high school. Testing: ACT Math ≥ 18 ; SATR Math ≥ 450 . MATH 1213 Trigonometry recommended.

MATH 1614 - Calculus I

Presents materials in the first of a three semester sequence designed for students majoring in engineering, mathematics, computer science, or the physical sciences. The sequence approaches the topics in a graphical and numerical interpretation as well as the standard symbolic method. Topics covered include a review of basic algebraic functions, exponential functions, logarithmic functions, trigonometric functions, and function inverses, then limits, the derivative, analysis using the derivative and applications of the derivative.

Credit Hours Cr. 4 Hrs

Area

(Area II NMCCN MATH 1614)

Prerequisite

Prerequisite: a minimum grade of "C" in MTH 136 ? 186 or in MTH 190 or equivalent experience.

MATH 1624 - Calculus II

Presents materials in second component of the three-semester sequence that covers the antiderivative, definite integral, applications of the definite integral, methods of integration, elementary differential equations, Taylor-polynomials, infinite series, power series, indeterminate forms.

Credit Hours Cr. 4 Hrs

Area

(Area II NMCCN MATH 1624)

Prerequisite

Prerequisite: a minimum grade of "C" in MTH 195.

MATH 2313 - Introduction to Statistics

Introduces beginning topics in statistics, including random samples, organizing data, measures of central tendency and dispersion, probability theory, binomial and normal distributions, estimation, hypotheses testing, regression and correlation.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Mathematics

Area

II

Note

Was MTH 241 prior to Fall 2008

Prerequisite

MATH 1113 or higher

MATH 2614 - Multi-variable Calculus

Covers geometry in the plane and in space, conic sections, polar coordinates, parametric equations, vectors, functions, multiple integration with applications, vector calculus.

Credit Hours Cr. 4.0 hrs

Area

II

Prerequisite

MATH 1624

MCIS 1813 - Programming in C++

Introduces structured programming and software engineering in C. The course emphasizes the systematic development of algorithms and programs, programming style, techniques for testing, debugging, and documenting. File structures, software design principles and practices are discussed. Prerequisite: MATH 1113. Lab fee required.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

none

Note

Formerly CIS 181

Prerequisite

MATH 1113

MEN 051 - Technical Drawing

Introduces basic engineering graphical principles and applications. Topics include technical drawing and design, geometrical construction, drawing conventions, free hand sketching, orthographic projection, and descriptive geometry.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

The student is required to learn AutoCAD. Does not meet mathematics requirements. Lab fee required. NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: MTH 037-038 and CIS 017.

MTH 015 - Pre-Algebra A

Covers operations on whole numbers, decimals, fractions, signed numbers, percents, ratios, word-problems, perimeter, Area, volume, algebraic phrases, exponentials, algebraic equations.

Credit Hours Cr. 1/2 Unit

Note

For elective credit only. Must pass MTH 015 to enroll in MTH 016. NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

MTH 016 - Pre-Algebra B

Covers operations on whole numbers, decimals, fractions, signed numbers, percents, ratios, word-problems, perimeter, Area, volume, algebraic phrases, exponentials, algebraic equations.

Credit Hours Cr. 1/2 Unit

Note

For elective credit only. Must pass MTH 015 to enroll in MTH 016. NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

MTH 017 - Algebra 1/2

Covers in an accelerated course of one semester the topics from MTH 015- 016.

Credit Hours Cr. 1/2 Unit

Note

Students who have completed MTH 016 should not enroll in this course. For elective credit only. NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above. This course will meet one of the four-year math requirements if taken prior to Algebra 1. A student may not complete Algebra 1 or 2 or a higher math and then return to this course for graduation credit.

MTH 021 - Algebra IA

Covers letters representing quantities, positive and negative numbers, percentages, word problems, polynomials, rational expressions, factoring, equations, lines, graphing, functions, radical and exponential forms, scientific notation, and the quadratic function.

Credit Hours Cr. 1/2 Unit

Note

Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

MTH 022 - Algebra IB

Covers letters representing quantities, positive and negative numbers, percentages, word problems, polynomials, rational expressions, factoring, equations, lines, graphing, functions, radical and exponential forms, scientific notation, and the quadratic function.

Credit Hours Cr. 1/2 Unit

Note

Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

MTH 033 - Algebra IIA

Reviews first-year algebra. Extends to numerical and literal equations, Area, volume, surface Area, uniform motion, complex numbers, similar triangles, right triangle trigonometry, applications to science-related problems, variation, graphs. Emphasizes systems of problem solving, concepts, and appropriate skills.

Credit Hours Cr. 1/2 Unit

Note

NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: Successful completion of MTH 021- 22. Must pass MTH 033 to enroll in MTH 034.

MTH 034 - Algebra IIB

Reviews first-year algebra. Extends to numerical and literal equations, Area, volume, surface Area, uniform motion, complex numbers, similar triangles, right triangle trigonometry, applications to science-related problems, variation, graphs. Emphasizes systems of problem solving, concepts, and appropriate skills.

Credit Hours Cr. 1/2 Unit

Note

NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: Successful completion of MTH 021- 22. Must pass MTH 033 to enroll in MTH 034.

MTH 037 - Geometry A

Covers geometric forms and patterns in ?real life? applications. Extends to observations for inductive reasoning and proofs. Geometric constructions and applications of geometry are introduced prior to proving the mathematics of geometry. This study of geometric building blocks includes Area, volume, similarity, the Pythagorean Theorem and logic, with practical applications.

Credit Hours Cr. 1/2 Unit

Note

NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: MTH 021-022.

MTH 038 - Geometry B

Covers geometric forms and patterns in ?real life? applications. Extends to observations for inductive reasoning and proofs. Geometric constructions and applications of geometry are introduced prior to proving the mathematics of geometry. This study of geometric building blocks includes Area, volume, similarity, the Pythagorean Theorem and logic, with practical applications.

Credit Hours Cr. 1/2 Unit

Note

NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: MTH 021-022.

MTH 042 - Trigonometry

Considers functions of acute angles, logarithms, solutions of right triangles, graphing of functions, identities, general triangles, applications of trigonometry to algebra. Stresses applied problems.

Credit Hours Cr 1/2 Unit

Note

NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: MTH 033-034.

MTH 043 - Geometry-Trigonometry-Algebra III A

Continues the development in Algebra I and II. Normal geometric concepts are studied, including column and paragraph proofs. Logarithms are covered extensively with emphasis on the algebra of logarithms. Emphasizes all phases of trigonometry including trigonometric equations, identities, and graphs. Other topics include matrices, determinants, arithmetic and geometric progressions, conic sections, roots of polynomial equations, and curve sketching.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(H)

Note

NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: MTH 033-034.

MTH 044 - Geometry-Trigonometry-Algebra III B

Continues the development in Algebra I and II. Normal geometric concepts are studied, including column and paragraph proofs. Logarithms are covered extensively with emphasis on the algebra of logarithms. Emphasizes all phases of trigonometry including trigonometric equations, identities, and graphs. Other topics include matrices, determinants, arithmetic and geometric progressions, conic sections, roots of polynomial equations, and curve sketching.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(H)

Note

NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: MTH 033-034.

MTH 047 - Pre-Calculus A

Provides a mathematical background necessary for calculus as a fourth year mathematics course for students with two years of algebra and a year of geometry. Covers advanced topics in mathematics to include algebra, functions, trigonometry, matrices and conic sections.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(H)

Note

NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: MTH 033-034, MTH 037-038 or MTH 043-044

MTH 048 - Pre-Calculus B

Provides a mathematical background necessary for calculus as a fourth year mathematics course for students with two years of algebra and a year of geometry. Covers advanced topics in mathematics to include algebra, functions, trigonometry, matrices and conic sections.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(H)

Note

NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: MTH 033-034, MTH 037-038 or MTH 043-044

MTH 053 - Math Finance and Literacy

Students will learn how to maximize their earnings potential, manage financial resources, organize personal finances, use a budget, understand and develop skills for using credit and implement a diversified investment strategy that is compatible with personal goals.

Updated Fall 2009: Cross-tally course MTH 053/BUS 051. Students will understand their personal finance responsibilities by applying mathematics to learn the importance of money

management, financial security, financial budgeting, debt or credit management, gambling risks, compounding interest, present value/future value computations, loans, mortgages, taxation, inflation and risk management.

Credit Hours Cr 0.5 hrs

Note

Cross tally course (MTH 053 or BUS 051)

MTH 061 - Calculus A

Reviews basic algebra, algebraic functions, trigonometric functions, and graphs. Covers limits, derivatives of algebraic and trigonometric functions, related rates, optimization, curve sketching.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(H)

Note

NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: MTH 043-044 or MTH 047-048

MTH 062 - Calculus B

Covers antiderivatives, the definite and indefinite integral and applications of integration that include volumes of revolution, arc length, and surface Area. Also covered are logarithms and exponential functions, inverse trigonometric functions, hyperbolic functions, techniques of integration, infinite series, power and Taylor series.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(H)

Note

NOTE: Prospective NMMI graduates must successfully pass one year of NMMI mathematics at the Algebra 2 level or above.

Prerequisite

Prerequisite: Minimum grade of C in MTH 061.

Earth Science

ESC 031 - Earth Science

Involves a study of physical processes of the earth and universe in a year's course. The Fall semester is a survey of astronomy, meteorology, and oceanography. The Spring semester is a survey of geology with extensive laboratory work in geologic processes.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

Lab fee required.

ESC 032 - Earth Science

Involves a study of physical processes of the earth and universe in a year's course. The Fall semester is a survey of astronomy, meteorology, and oceanography. The Spring semester is a survey of geology with extensive laboratory work in geologic processes.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

Lab fee required.

Geography

GEOG 1113 - Humans and the Environment

Studies the natural environment and its transformation by human activities. An interdisciplinary study, combining principles and information from the natural sciences (Physical Geography), and from Human Geography to present a general understanding of how nature functions and how humans are a modifying force.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Social Science Requirement)

Area

(Area IV NMCCN 1213)

Prerequisite

No prerequisite.

GEOG 2113 - Economic Geography

Concentrates on economic patterns. The course introduces several theories of economic activity: general theory of land use, agricultural location theory, plant location theory, central place theory; cultural-economic relationships are stressed.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Social Science Requirement)

Area

(Area IV)

Note

Recommended for Business majors.

Prerequisite

No prerequisite.

GEOG 2213 - Geography of South America

Surveys the principal geographic regions of South America. The physical and cultural landscapes are emphasized along with contemporary social, political, and economic issues.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Social Science Requirement)

Prerequisite

Prerequisite: GEOG 1113, GEOG 2113 or permission of instructor.

Geology

GEOL 1214 - Physical Geology

Surveys the geological processes in the light of the concept of plate tectonics. Laboratory work includes the identification of rocks and minerals and the use of geologic maps to study physical processes. Lab fee required.

Credit Hours Cr. 4.0 hrs

Satisfies a Requirement

Laboratory Science

Area

III

When Offered

fall

Note

Was ESC 111 prior to Fall 2008

GEOL 1224 - Historical Geology

Constructs the history of an evolving earth, with special reference to North America. Laboratory exercises in correlation by use of fossils and physical evidence. Lab fee required.

Credit Hours Cr. 4.0 hrs

Satisfies a Requirement

Laboratory Science

Area

III

Note

Was ESC 112 prior to Fall 2008

Social Science and History

GVT 031 - American Government

Introduces fundamental concepts of American government, political ideals and questions of current interest. Develops understanding to promote participation.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

HIS 011 - World History/Geography

Surveys the economic, social, and political events and trends from ancient times to the seventeenth century. Second semester, seventeenth century to the present time.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

HIS 012 - World History/Geography

Surveys the economic, social, and political events and trends from ancient times to the seventeenth century. Second semester, seventeenth century to the present time.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

HIS 021 - United States History

Surveys in depth the political, economic, social, and cultural development of the United States and its role in World affairs from the colonial era to 1865. Second semester, the course surveys United States history from the beginning to reconstruction to the present.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

HIS 022 - United States History

Surveys in depth the political, economic, social, and cultural development of the United States and its role in World affairs from the colonial era to 1865. Second semester, the course surveys United States history from the beginning to reconstruction to the present.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

HIS 031 - History of the Southwest

Surveys the political, economic, social and cultural development of the South Western states to include Texas, New Mexico, Arizona, California, Colorado and Utah.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

PSY 041 - Psychology

Studies motivation and behavior patterns and the complex influences in our culture.

Designed to encourage a scientific examination of human nature.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

SOC 041 - Sociology

Studies the structure and nature of contemporary American society, explains the behavior of humans as group members and includes a familiarization with society's technology, ideology, and social control system.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(H)

History

HIS 007 - Global Studies

Global Studies is the examination of cultural, political, geographic, historical, and economic forces and events that people in major world regions experience at the present moment. The focus of this interdisciplinary course will give students insight into the past, a better understanding of the present, and the ability to discern future events occurring throughout the world. This class presents a multi-discipline study of world events from the outbreak of World War II to the present. In the process, the regions of Europe, Africa, Asia and the Americas will be studied. Conflicts and problems that are regional or global will be studied for their historic causes and their political, social, and economic effects. Reading, writing, critical thinking, and ethical values are emphasized.

Credit Hours Cr 0.5 hrs

Note

Course is primarily a high school freshman course and will prepare the student for World History.

HIST 1113 - Development of Western Civilization I

Studies the social, economic, political, philosophical, and aesthetic development of humans from antiquity to the end of the Medieval period. This course attempts to have students understand the parallels between past and contemporary history to better comprehend the political and social realities of the contemporary world situation (Satisfies either humanities or history requirements, but cannot be used for both.)

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

History, humanities

Area

V

When Offered

Fall

Note

Cross-reference course HIS 101

HIST 1123 - Development of Western Civilization II

Studies the social, economic, political, philosophical, and aesthetic development of humans from antiquity to the end of the Medieval period. This course attempts to have students understand the parallels between past and contemporary history to better comprehend the political and social realities of the contemporary world situation

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

History, humanities but not both

Area

V

Note

(Satisfies either humanities or history requirements, but cannot be used for both.)

HIST 1313 - Early World History

Surveys major civilizations of the world from their origins to 1500. Course examines contributions of Asian, African, Islamic, Western and American civilizations while highlighting the interrelationships between them. Course is both thematic and chronological.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

History, humanities

Area

V

Note

True world history and not just western civilization. (Satisfies either humanities or history requirement, but cannot be used for both.)

HIST 1323 - Modern World History

(Satisfies either humanities or history requirement, but cannot be used for both.) Surveys major civilizations of the world from 1500 to the present. Course examines development and diffusion of modern culture throughout the world in the 19th and 20th centuries. Emphasis is on the interaction of the West on traditional cultures.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

History

Area

V

HIST 2113 - History of the US I

History 2113 surveys the political, economic, social, and cultural development of the United States from colonial beginnings through 1877. Particular attention is also given various political, social, and economic movements, as well as the place of the U.S. in world affairs. Required course for history concentration.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

History, humanities

Area

V

Note

Requirement for History concentration. Satisfies either humanities or history requirements but not both.

HIST 2123 - History of the US II

History 2113 surveys the political, economic, social, and cultural development of the United States from colonial beginnings through 1877. History 2123 studies the history of the United States from the end of Reconstruction to the present. Particular attention is also given various political, social, and economic movements, as well as the place of the U.S. in world affairs. Can satisfy the 6-hour history graduation requirement. This is a required course for the JC History concentration.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

History

Area

V

Note

Required course for history concentration

HIST 2313 - American Military History

Surveys the development of American military institutions, policies, experiences, and traditions in peace and war from colonial times to the present. Emphasizes the relationship between military and other aspects of American society and the role of the military in the establishment, expansion, preservation, and development of the nation. This course may be taken in place of one of the following: Military Science 1 or 2 (non-contract MS program). Course must be completed per ROTC for contract cadets prior to receipt of BA or BS degree. Cannot be used for AS history requirement.

Credit Hours Cr. 3.0 hrs

Note

Will not suffice for AS history (one course) requirement.

HIST 2413 - Asian Civilization to 1600

Introduces the study of Asian civilizations including India, China, and Japan. Emphasizes the development of civilizations in Asia before the arrival of Europeans and the Age of Imperialism. Special emphasis is placed on general traits and historical events that underlie the values of Asian people.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

History

Area

V

HIST 2423 - Modern Asian Civilization

Traces the impact of the European arrival in Asia and the Age of Imperialism. Emphasizes the interaction of China, India, and Japan with Europeans as well as the growth of the modern nation states after independence from colonial rule. Korea, Vietnam, Indonesia, Malaya, Singapore, Burma, Thailand, and Pakistan are also considered.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

History

Area

V

HIST 2613 - Latin America: Historical Survey

Examines the political, economic, social, and cultural development of Latin America from its Indian origins to the present. Special attention is given to the twentieth century interaction of the region with the United States and the rest of the world.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

History

Area

V

TBD type

HPER 1113 - Health and Wellness

Students will develop a theoretical and practical knowledge of all components of health and wellness as related to mental, emotional, physical, social, environmental and consumer health.

Credit Hours Cr. 3 Hrs

HPER 1213 - Introduction and Foundations of Physical Education

Introduction to the foundations of the discipline of physical education while exploring personal career choices.

Credit Hours Cr. 3 Hrs

HPER 1233 - Introduction to Physical Therapy

Introductory course exploring the foundations of the profession of physical therapy.

Credit Hours Cr. 3 Hrs.

Note

Course consists of four modules appropriate for prephysical therapy students.

HPER 1253 - Sports Safety, First Aid and Emergency Care

This course will cover policies, practices, and issues related to safety in sports, first aid and emergency care.

Credit Hours Cr. 3 Hrs

HPER 1313 - Performance Nutrition

This course is designed to provide physically active people and competitors with factual information. Information on essential nutrients, metabolism during exercise and specific problems experienced by athletes or highly active people.

Credit Hours Cr. 3 Hrs

HPER 1322 - Medical Terminology in Athletic Training

This course is intended to assist those studying in the fields of medicine and health care by learning a word building system for defining, using, spelling and pronouncing medical words.

Credit Hours Cr. 2 Hrs

Note

Course designed for those interested in athletic training.

HPER 1413 - Performance Psychology

This is a 'hands-on' course oriented toward helping an individual develop the psychological skills necessary to become the best you can be.

Credit Hours Cr. 3 Hrs

Note

Student will develop a mental skills training program.

HPER 1513 - Introduction to Athletic Training

Covers the evaluation and treatment of athletic injuries with athletic training techniques and uses of support materials to prevent athletic injuries. Covers the evaluation, treatment, and prevention of these injuries, including use of supporting apparatus, hydrotherapy, physiotherapy, bandaging, and massage.

Credit Hours Cr. 3 Hrs

Note

This course is an entry level class for Athletic Training Education.

HPER 1613 - Fitness for Health and Sports

Lecture course with selected activity and learning experiences regarding principles and methods for developing and maintaining physical fitness.

Credit Hours Cr. 3 Hrs

HPER 1813 - Introduction to Parks and Recreation

Gives the fundamentals involved in the development of the field of recreation, designed to provide students with a knowledge of Federal, State, and local recreation programs and practices in the activities included. Presents information on the history, philosophy, scope and value of parks and recreation services.

Credit Hours Cr. 3 Hrs

HPER 1913 - Introduction to Sports Management

This course will provide the student with an understanding of the conceptual frameworks used in sport management and acquaint the student with the sports industry.

Credit Hours Cr. 3 Hrs

HPER 2323 - General Medical Conditions

This course will provide the prospective athletic trainer with the knowledge and skill necessary to recognize, manage, and refer the general medical conditions and disabilities in athletes and physically active individuals.

Credit Hours Cr. 3 Hrs

HPER 2353 - Sports Injuries

This course provides students with an intensive, thorough study of orthopedic evaluation techniques used within the clinical and on-field environments to assess athletic related injuries. Normal joint kinematics and subsequent pathomechanics are also discussed.

Credit Hours Cr. 3 Hrs

HPER 2413 - Motivation and Leadership Psychology

Designed to help physical educators, coaches, recreation specialists, and others interested in human motivation to more effectively understand this complex topic and to use that knowledge to help enhance the performance of themselves, their students, athletes or clients/consumers.

Credit Hours Cr. 3 Hrs

HPER 2513 - Theory of Leadership and Coaching

Comprehensive introduction to the art and science of coaching and leadership. Introduction to positive coaching philosophy; principles of coaching; and sport pedagogy, physiology, medicine and management.

Credit Hours Cr. 3 Hrs

HPER 2521 - Coaching and Leadership Practicum

Course provides the resources for leadership and coaching development. Time management, analytical skills, leadership, physical fitness and performance psychology are topics in the course.

Credit Hours Cr. 1 Hr

HPER 2542 - Theory and Techniques of Athletics

Course is designed to expose students to the fundamental motor skills involved in running, jumping, tumbling and throwing.

Credit Hours Cr. 3 Hrs

HPER 2552 - Sports Officiating

This course provides a working knowledge of team sports rules. The course includes a familiarization of the rules, regulations and proper protocol to follow as an athletic official.

Credit Hours Cr. 2 Hrs

Note

State certification will be available.

HPER 2712 - Theory and Technique of Aquatics

This course is designed to expose students to the fundamental skills involved in swimming, diving, and water survival.

Credit Hours Cr 2 Hrs

HPER 2733 - Water Safety Instruction

Gives the student the skills and knowledge necessary to teach Red Cross Swimming courses. Students who satisfactorily complete the course are certified as Red Cross Water Swimming Instructors. They will learn today's lifeguard and CPR techniques.

Credit Hours Cr 3 Hrs

Note

All students must satisfactorily pass prerequisite water test.

HPER 2913 - Athletic Clinical Practicum

Instruction, practice, and application of clinical proficiencies as established by the NATA Education council.

Credit Hours Cr. 3 Hrs

LEAD 2813 - Ropes Course

This course is designed to provide the basic skills and knowledge required to facilitate a ropes course as part of an outdoor education facility. The course will also help develop skills in instructional techniques, group debriefing skills, safety and rescue and equipment maintenance

Credit Hours Cr. 3 Hrs

LIB 101 - Bibliographic Instruction

Introduces essential information literacy for college level research. Demonstrates procedures for use of access tools and sources from print, non-print, electronic media, and the Internet. Develops critical thinking through appropriate selection, citation, and documentation of sources.

Credit Hours Cr. 1.0 hrs

MATH 0910L - Elementary Algebra Laboratory

Laboratory portion (hands on work) for Elementary Algebra

Credit Hours Cr. 0.0 hrs

Note

Developmental

MATH 1010L - Intermediate Algebra Laboratory

Lab for Intermediate Algebra (MATH 1013)

Credit Hours Cr. 0.0 hrs

PHE 007 - Beginning Fitness

Introduces high school cadets to many individual sports with lifetime carryover value.

Credit Hours Cr. 1/4 Unit

Prerequisite

Lifetime Sports (prerequisite course for sports activity courses)

PHE 015 - Lifetime Sports (pre-requisite course for sports activity courses)

Introduces high school cadets to many individual sports with lifetime carryover value.

Credit Hours Cr. 1/4 Unit

PHE 020 - Health and Fitness

Addresses the development of a healthy life-style through physical fitness exercises and the study of such important topics as: decision making, First Aid, circulatory system, sense organs, personal hygiene, personality development, stress management, abuse and dependency, chemical substance abuse (alcohol drugs and tobacco), sexually transmitted diseases and other pertinent topics.

Credit Hours Cr. 1/4 Unit

Prerequisite

Lifetime Sports (prerequisite course for sports activity courses)

PHE 023 - Swimming

Introduces high school cadets to many individual sports with lifetime carryover value.

Credit Hours Cr. 1/4 Unit

Prerequisite

Lifetime Sports (prerequisite course for sports activity courses)

PHE 025 - Dynamic Fitness

Introduces high school cadets to many individual sports with lifetime carryover value.

Credit Hours Cr. 1/4 Unit

Prerequisite

Lifetime Sports (prerequisite course for sports activity courses)

PHE 036 - Strength and Conditioning

Introduces high school cadets to many individual sports with lifetime carryover value.

Credit Hours Cr. 1/4 Unit

Prerequisite

Lifetime Sports (prerequisite course for sports activity courses)

PHE 037 - Golf

Introduces high school cadets to many individual sports with lifetime carryover value.

Credit Hours Cr. 1/4 Unit

Prerequisite

Lifetime Sports (prerequisite course for sports activity courses)

PHE 048 - Tennis

Introduces high school cadets to many individual sports with lifetime carryover value.

Credit Hours Cr. 1/4 Unit

Prerequisite

Lifetime Sports (prerequisite course for sports activity courses)

PHYS 110L - Physics Lab (non-science majors)

Lab portion of PHYS 1104

Credit Hours Cr. 0 hrs

Area

III

Junior ROTC Leadership Education

LET 011 - Leadership Education 1A

Consists of sub-courses in: Introduction to ROTC and the Army, Introduction to Leadership Theory, Drill and Ceremonies, Hygiene and First Aid, Introduction to Maps and Map Reading, Introduction to Techniques of Oral Communications, Marksmanship and Safety, to include the New Mexico Hunter Safety Program, and Introduction to Leadership Development 2.

Credit Hours Cr. 1/2 Unit

LET 012 - Leadership Education 1B

Consists of sub-courses in: Introduction to ROTC and the Army, Introduction to Leadership Theory, Drill and Ceremonies, Hygiene and First Aid, Introduction to Maps and Map Reading, Introduction to Techniques of Oral Communications, Marksmanship and Safety, to include the New Mexico Hunter Safety Program, and Introduction to Leadership Development 2.

Credit Hours Cr. 1/2 Unit

LET 021 - Leadership Education 2A

Consists of sub-courses in: Intermediate Leadership, Drill and Ceremonies, Intermediate First Aid, Intermediate Map Reading, Intermediate Techniques of Oral Communications, Intermediate Marksmanship and Safety. Also considered are the United States Army, People, Places, and Times, Service/ROTC Opportunities, the Role of the Army, and Introduction to Leadership Development 3.

Credit Hours Cr. 1/2 Unit

LET 022 - Leadership Education 2B

Consists of sub-courses in: Intermediate Leadership, Drill and Ceremonies, Intermediate First Aid, Intermediate Map Reading, Intermediate Techniques of Oral Communications, Intermediate Marksmanship and Safety. Also considered are the United States Army, People, Places, and Times, Service/ROTC Opportunities, the Role of the Army, and Introduction to Leadership Development 3.

Credit Hours Cr. 1/4 Unit

LET 031 - Leadership Education 3A

Consists of sub-courses in: Development of the Army, Service Opportunities, Applied Marksmanship, Psychology of Leadership, Leadership and Small Unit Leaders? Problems, Seminar in Leadership and Management, Applied Methods of Instructions, Applied Map Reading, Leadership Development, and Drill, and Introduction to Leadership Development 4. Credit Hours Cr. 1/4 Unit

LET 032 - Leadership Education 3B

Consists of sub-courses in: Development of the Army, Service Opportunities, Applied Marksmanship, Psychology of Leadership, Leadership and Small Unit Leaders? Problems, Seminar in Leadership and Management, Applied Methods of Instructions, Applied Map Reading, Leadership Development, and Drill, and Introduction to Leadership Development 4. Credit Hours Cr. 1/4 Unit

LET 041 - Leadership Education 4A

Offers sub-courses in: Military Occupational Specialty (MOS) Study, Advanced Methods of Instruction, Staff Functions and Procedures, Army and Its Role in National Development, Review of Advanced Map Reading, and Leadership Development and Drill. Credit Hours Cr. 1/4 Unit

LET 042 - Leadership Education 4B

Offers sub-courses in: Military Occupational Specialty (MOS) Study, Advanced Methods of Instruction, Staff Functions and Procedures, Army and Its Role in National Development, Review of Advanced Map Reading, and Leadership Development and Drill. Credit Hours Cr. 1/4 Unit

Military Science

MSL 101 - Military Science I

Introduces the organization and mission of the U.S. Army, leadership values, attributes, skills, and actions, map reading, communication, small unit tactics, customs and courtesies of the service. Credit Hours Cr. 1 Hr

MSL 102 - Military Science I

Introduces the organization and mission of the U.S. Army, leadership values, attributes, skills, and actions, map reading, communication, small unit tactics, customs and courtesies of the service.

Credit Hours Cr. 1 Hr

MSL 151 - Military Science II

Builds on the basics introduced in the MIL 111-112. Provides instruction in leadership, small unit tactics, and history of the U.S. Army, military briefings, and mission orders.

Credit Hours Cr. 2 Hrs

Note

Also includes problem solving, decision-making, and practical exercises.

MSL 152 - Military Science II

Builds on the basics introduced in the MIL 111-112. Provides instruction in leadership, small unit tactics, and history of the U.S. Army, military briefings, and mission orders.

Credit Hours Cr. 2 Hrs

Note

Also includes problem solving, decision-making, and practical exercises.

MSL 201 - Military Science III

Challenges cadets to study, practice, and evaluate adaptive leadership skills as they are presented with challenging scenarios related to squad tactical operations. Cadets receive systematic and specific feed-back on their leadership attributes and actions. Based on such feedback, as well as their own self-evaluations, cadets continue to develop their leadership and critical thinking abilities. The focus is developing cadets' tactical leadership abilities to enable them to succeed at ROTC's summer Leadership Development and Assessment Course (LDAC).

Credit Hours Cr. 3 Hrs

Second Title

Adaptive Team Leadership

Note

(ROTC Faculty Handbook, Feb 2006)

MSL 202 - Military Science III

Increasingly intense situational leadership challenges to build cadet awareness and skills in leading small units. Skills in decision- making, persuading and motivating team members when 'under fire' are explored, evaluated, and developed. Aspects of military operations are reviewed as a means of preparing for the ROTC Leader Development and Assessment Course (LDAC). Cadets are expected to apply basic principles of the Law of Land Warfare,

Army training, and motivation to troop leading procedures. Emphasis is also placed on conducting military briefings and developing proficiency in Garrison operation orders. Cadets are evaluated on what they know and do as leaders.

Credit Hours Cr. 3 Hrs

Second Title

Leadership Under Fire

Note

(ROTC Faculty Handbook, Feb 2006)

MSL 251 - Military Science IV

Develops cadet proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing performance feedback to subordinates. Cadets assess risk, make ethical decisions, and lead fellow ROTC cadets. Lessons on military justice and personnel processes prepare cadets to make the transition to Army officers. MSL IV cadets analyze, evaluate, and instruct cadets at lower levels. Both their classroom and battalion leadership experiences are designed to prepare cadets for their first unit of assignment. They identify responsibilities of key staff, coordinate staff roles, and use situational opportunities to teach, train, and develop subordinates. Cadet objectives include the following: Leadership Values and Ethics Personal Development Officership Tactics and Techniques

Credit Hours Cr. 3 Hrs

Second Title

Developing Adaptive Leaders

Note

(ROTC Faculty Handbook, Feb 2006)

MSL 252 - Military Science IV

Leadership in a Complex World Explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). Cadets examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. They also explore aspects of interacting with nongovernmental organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing cadets for their first unit of assignment. It uses case studies, scenarios, and "What Now, Lieutenant?" exercises to prepare cadets to face the complex ethical and practical demands of leading as commissioned officers in the United States Army.

Credit Hours Cr. 3 Hrs

Note

(ROTC Faculty Handbook, Feb 2006)

Music

MUS 011B - Band

Designed to provide a marching and concert band performance experience. The marching band aspect begins in August and continues until the football season is completed. Emphasis on performance in a concert setting begins in November and continues through the remainder of the academic year.

Credit Hours Cr. 1/4 Unit Per Semester

Designation Abbreviation

(CP)

Note

Admission is gained through audition or invitation of the Band Master.

MUS 011C - Chapel Choir. Catholic

MUS 011J - Jazz Band

Affords opportunities to all qualified students who are interested in jazz, popular, and 'big band' music.

Credit Hours Cr. 1/4 Unit Per Semester

Note

Admission is gained by audition or invitation of the Band Master.

MUS 011L - Applied Music Lessons

Provides private music instruction on piano, voice, and various instruments.

Credit Hours Cr. 1/4 Unit Per Semester

Prerequisite

Prerequisite: Permission of instructor.

MUS 011P - Chapel Choir. Protestant

Credit Hours Cr. 1/4 Unit Per Semester

When Offered

Admission is gained by audition or invitation of the choral director.

Prerequisite

Affords opportunities to all students who are interested in singing and performing sacred music.

MUS 011S - Concert Choir

Affords opportunities to all students who are interested in singing and performing vocal music of numerous periods and styles.

Credit Hours Cr. 1/4 Unit Per Semester

Designation Abbreviation

(CP)

Note

Admission is gained by audition or invitation of the choral director.

MUS 011V - Vocal Ensemble

Provides opportunities for those students who are interested in small vocal ensemble participation and its related genres (jazz, popular, madrigal, barbershop, etc.).

Credit Hours Cr. 1/4 Unit Per Semester

Note

Admission is gained by audition or invitation of the Choral director.

MUS 031 - Introduction to Music

Offers high school students an opportunity to explore the basic elements of music, composers, Literature, and vocal and instrumental music from antiquity to the present day.

Credit Hours Cr. 1/2 Unit Per Semester

Designation Abbreviation

(CP)

Note

A background in music is not a prerequisite for this course as it will be directed toward the non-musician.

MUS 042B - Band

Designed to provide a marching and concert band performance experience. The marching band aspect begins in August and continues until the football season is completed.

Emphasis on performance in a concert setting begins in November and continues through the remainder of the academic year.

Credit Hours Cr. 1/4 Unit Per Semester

Designation Abbreviation

(CP)

Note

Admission is gained through audition or invitation of the Band Master.

MUS 042C - Chapel Choir. Catholic

MUS 042J - Jazz Band

Affords opportunities to all qualified students who are interested in jazz, popular, and 'big band' music.

Credit Hours Cr. 1/4 Unit Per Semester

Note

Admission is gained by audition or invitation of the Band Master.

MUS 042L - Applied Music Lessons

Provides private music instruction on piano, voice, and various instruments.

Credit Hours Cr. 1/4 Unit Per Semester

Prerequisite

Prerequisite: Permission of instructor.

MUS 042P - Chapel Choir. Protestant

Credit Hours Cr. 1/4 Unit Per Semester

When Offered

Admission is gained by audition or invitation of the choral director.

Prerequisite

Affords opportunities to all students who are interested in singing and performing sacred music.

MUS 042S - Concert Choir

Affords opportunities to all students who are interested in singing and performing vocal music of numerous periods and styles.

Credit Hours Cr. 1/4 Unit Per Semester

Designation Abbreviation

(CP)

Note

Admission is gained by audition or invitation of the choral director.

MUS 042V - Vocal Ensemble

Provides opportunities for those students who are interested in small vocal ensemble participation and its related genres (jazz, popular, madrigal, barbershop, etc.).

Credit Hours Cr. 1/4 Unit Per Semester

Note

Admission is gained by audition or invitation of the Choral director.

MUSC 1011 - Band I

Provides marching and concert band performance experience. The marching band aspect begins in August and continues until the football season is completed. Emphasis on performance in a concert setting begins in November and continues through the remainder of the academic year. Admission is gained through audition or invitation of the Band Master. Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements. Formerly MUS 101

MUSC 1021 - Band I

Provides marching and concert band performance experience. The marching band aspect begins in August and continues until the football season is completed. Emphasis on performance in a concert setting begins in November and continues through the remainder of the academic year. Admission is gained through audition or invitation of the Band Master. Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1031 - Jazz Band I

Provides opportunities for those qualified students who are interested in jazz, popular, and "big band" music. Admission is gained by audition or invitation of the Band Master. Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1041 - Jazz Band I

Provides opportunities for those qualified students who are interested in jazz, popular, and "big band" music. Admission is gained by audition or invitation of the Band Master. Credit Hours Cr. 1 Hr

When Offered

Spring

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1051 - Concert Choir. I

Provides opportunities for those interested in singing and performing vocal music of numerous periods and styles. Admission is gained by audition or invitation of the choral director.

Credit Hours Cr. 1 Hr

When Offered

Fall

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1061 - Concert Choir. I

Provides opportunities for those interested in singing and performing vocal music of numerous periods and styles. Admission is gained by audition or invitation of the choral director.

Credit Hours Cr. 1 Hr

When Offered

Spring

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1071 - Catholic Chapel Choir I

Provides opportunities for those interested in singing and performing sacred music.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1081 - Catholic Chapel Choir I

Provides opportunities for those interested in singing and performing sacred music.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1091 - Protestant Chapel Choir I

Provides opportunities for those interested in singing and performing sacred music.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1101 - Protestant Chapel Choir I

Provides opportunities for those interested in singing and performing sacred music.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1111 - Applied Music Lessons

Provides private music instruction on piano, voice, and various instruments.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

Prerequisite

Prerequisite: Permission of instructor.

MUSC 1121 - Applied Music Lessons

Provides private music instruction on piano, voice, and various instruments.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

Prerequisite

Prerequisite: Permission of instructor.

MUSC 1131 - Vocal Ensemble

Provides opportunities for those qualified students who are interested in small vocal ensemble participation and its related musical genres (jazz, popular, madrigal, barbershop, etc.) Admission by audition or invitation of Choral Director.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1141 - Vocal Ensemble

Provides opportunities for those qualified students who are interested in small vocal ensemble participation and its related musical genres (jazz, popular, madrigal, barbershop, etc.) Admission by audition or invitation of Choral Director.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1303 - Music Appreciation

Delineates music listening and surveys music Literature from the Renaissance period to the present. Open to all students.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

Area

(Area V MUSIC 1113 NMCCN)

Note

No previous training in music is required. NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 1403 - Fundamentals of Music Theory

Studies include music notation, rhythms, scales, intervals, and chord structure. Critical listening skills and very basic piano knowledge will be developed and required. Designed for music students wanting to learn to write music and understand the intricacies of music.

Previous training in music required.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Humanities Requirement)

Note

Previous training in music is required. NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2011 - Band II

Provides marching and concert band performance experience. The marching band aspect begins in August and continues until the football season is completed. Emphasis on

performance in a concert setting begins in November and continues through the remainder of the academic year. Admission is gained through audition or invitation of the Band Master.
Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2021 - Band II

Provides marching and concert band performance experience. The marching band aspect begins in August and continues until the football season is completed. Emphasis on performance in a concert setting begins in November and continues through the remainder of the academic year. Admission is gained through audition or invitation of the Band Master.
Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2031 - Jazz Band II

Provides opportunities for those qualified students who are interested in jazz, popular, and "big band" music. Admission is gained by audition or invitation of the Band Master.
Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2041 - Jazz Band II

Provides opportunities for those qualified students who are interested in jazz, popular, and "big band" music. Admission is gained by audition or invitation of the Band Master.
Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2051 - Concert Choir. II

Provides opportunities for those interested in singing and performing vocal music of numerous periods and styles. Admission is gained by audition or invitation of the choral director.
Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2061 - Concert Choir, II

Provides opportunities for those interested in singing and performing vocal music of numerous periods and styles. Admission is gained by audition or invitation of the choral director.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2071 - Catholic Chapel Choir II

Provides opportunities for those interested in singing and performing sacred music.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2081 - Catholic Chapel Choir II

Provides opportunities for those interested in singing and performing sacred music.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2091 - Protestant Chapel Choir II

Provides opportunities for those interested in singing and performing sacred music.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2101 - Protestant Chapel Choir II

Provides opportunities for those interested in singing and performing sacred music.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2111 - Applied Music Lessons

Provides private music instruction on piano, voice, and various instruments.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

Prerequisite

Prerequisite: Permission of instructor.

MUSC 2121 - Applied Music Lessons

Provides private music instruction on piano, voice, and various instruments.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

Prerequisite

Prerequisite: Permission of instructor.

MUSC 2131 - Vocal Ensemble II

Provides opportunities for those qualified students who are interested in small vocal ensemble participation and its related musical genres (jazz, popular, madrigal, barbershop, etc.) Admission by audition or invitation of Choral Director.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

MUSC 2141 - Vocal Ensemble II

Provides opportunities for those qualified students who are interested in small vocal ensemble participation and its related musical genres (jazz, popular, madrigal, barbershop, etc.) Admission by audition or invitation of Choral Director.

Credit Hours Cr. 1 Hr

Note

NOTE: A maximum of eight (8) semester credit hours of ensemble courses (band, choir, etc.) may be applied toward A.A. or A.S. Degree requirements.

Activity Classes

PHEA 1051 - Strength and Conditioning I

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1111 - Racquet Sports

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1121 - Golf

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1131 - Service Academy Preparation Physical Training

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1141 - Service Academy Preparation Physical Training II

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1151 - Bowling

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1171 - Tennis

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1211 - Swimming

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1311 - Self Defense I

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1351 - Fencing

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1411 - Dynamic Fitness I

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1511 - Varsity Sports

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

(Repeatable) A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1511B - Baseball

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1511F - Football

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1511G - Golf

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1511K - Basketball

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1511M - Military Science Physical Fitness

Physical Fitness portion of military science contract program. Course run by military science department/monitored by physical training department. Course will be repeated each semester for contract cadets. Repeatable for credit.

Credit Hours Cr. 1 hr

Second Title

MS PT

When Offered

every semester

PHEA 1511T - Tennis

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1511V - Volleyball

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 1911 - Methods of Sport

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 2051 - Strength and Conditioning I

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr I

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 2311 - Self Defense II

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

PHEA 2411 - Dynamic Fitness II

These courses are designed to provide a technical based for developing the skills and strategies that provide a life long participation in the specified sport or activity.

Credit Hours Cr 1 Hr

Note

A student may take up to four 1.0 credit classes for graduation credit, credit beyond 4.0 hours does not count for graduation or graduation honors/awards.

Physical Education

PHEA 1511R - Var Spt Women's Track

Women's Varsity Track

Credit Hours Cr. 1.0 hrs

Prerequisite

Must be on the track team

PHEA 1511X - Varsity Sport Cross-country

Country-country track

Credit Hours Cr. 1.0 hrs

Note

Must be on the X-country team.

Philosophy

PHIL 1113 - Introduction to Philosophy

Considers philosophical problems of lasting significance. Includes critical study of works of important philosophers and representative philosophical areas, with emphasis on the process of formal analysis.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Humanities

Area

V

PHIL 1203 - World Religions

Considers philosophical problems of lasting significance. Includes critical study of works of important philosophers and representative philosophical areas, with emphasis on the process of formal analysis.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Humanities

Area

V

PHIL 1813 - Critical Thinking

Studies informal logic and critical thinking, using writing, debate and persuasive speaking to put theory into practice.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Humanities

Area

V

PHIL 2013 - Ethics

Introduces issues arising in the study of moral philosophy, the development of moral theory and its application to contemporary problems. Special consideration is given to the language and logic of arguments

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Humanities

Area

V

PHIL 2023 - Logic

Introduces both deduction and induction. In the case of the former, consideration is given to both categorical and propositional logic. In the case of latter, consideration is given to analogy, causality and Mill's Methods, probability, statistical reasoning, and hypothetical generalization. Informal fallacies are considered as well

Credit Hours Cr. 3.0 hrs

Physics

PHY 031 - Physics

Introduces the fundamental physical concepts of time, space, and matter, the development of the wave nature of light, the study of the dynamics of motion and electricity in a year sequence course. Includes demonstrations and outside reference readings.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

Lab fee required.

Prerequisite

Prerequisite: MTH 033-034. Concurrent enrollment in MTH 043- 44, 047-048 or 061-062 recommended. Must pass PHY 031 to enroll in PHY 032.

PHY 032 - Physics

Introduces the fundamental physical concepts of time, space, and matter, the development of the wave nature of light, the study of the dynamics of motion and electricity in a year sequence course. Includes demonstrations and outside reference readings.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

Lab fee required.

Prerequisite

Prerequisite: MTH 033-034. Concurrent enrollment in MTH 043- 44, 047-048 or 061-062 recommended. Must pass PHY 031 to enroll in PHY 032.

PHYS 1104 - Physics for non-science majors

This course is designed to introduce the concepts of physics at a slower pace than General Physics. It will not meet science requirements for an Associate in Science degree, but will meet one requirement for the Associate in Arts degree. Students who have difficulty with general problem solving should take this course before General Physics. The course will teach and give improved insight into mechanical phenomena of the physical world and show the role that mechanics plays in many facets of our life. Students will gain an appreciation of those physicists and mathematicians who made significant contributions to our current understanding of the world as it exists today.

Credit Hours Cr. 4 hrs

Satisfies a Requirement

AA lab science

Area

III

When Offered

Fall

PHYS 1114 - General Physics I

Fulfills the science requirements for liberal arts students. Classical physics with emphasis on physical principles as applied in mechanics, heat, sound, electricity, optics and atomic structure. Assumes facility with trigonometry and algebraic manipulations, including solving two equations in two unknowns. Lab fee required.

Credit Hours Cr. 4.0 hrs

Satisfies a Requirement

Laboratory Science

Area

III

When Offered

Fall

Prerequisite

High School Algebra 2 or higher math.

PHYS 1124 - General Physics II

Fulfills the science requirements for liberal arts students. Classical physics with emphasis on physical principles as applied in mechanics, heat, sound, electricity, optics and atomic structure. Assumes facility with trigonometry and algebraic manipulations, including solving two equations in two unknowns. Lab fee required.

Credit Hours Cr. 4.0 hrs

Satisfies a Requirement

Laboratory Science

Area

III

Prerequisite

PHYS 1114 with a passing grade

PHYS 1215 - Engineering Physics I

Fundamental for engineers, science students, and pre-meds. First semester: mechanics, waves, thermodynamics. Second semester: electricity, optics, modern physics. Extensive problem solving.

Credit Hours Cr. 5.0 hrs

Satisfies a Requirement

Laboratory Science

Area

III

Note

Was PHY 213 prior to Fall 2008

Prerequisite

Calculus

PHYS 1225 - Engineering Physics II

Fundamental for engineers, science students, and pre-meds. First semester: mechanics, waves, thermodynamics. Second semester: electricity, optics, modern physics. Extensive problem solving. Lab fee required.

Credit Hours Cr. 5.0 hrs

Prerequisite

Calculus

PHYS 2223 - Engineering Statics

Studies engineering mechanics using vector methods. Includes study of rigid bodies in equilibrium, center of gravity, beams, flexible cables and trusses. Prerequisite: high school

or college physics. Calculus co-requisite or consent of instructor required.

Credit Hours Cr. 3.0 hrs

Prerequisite

high school or college general physics and calculus

Political Science

PLSC 1113 - US Politics and Government

Analyzes the national constitution, federalism, political process, presidency, congress, judiciary, civil rights and liberties, economic policy and formation of foreign policy.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Social Science

Area

IV

PLSC 2113 - International Relations

Introduces the student to world politics and international conflict with consideration of trade and economic transactions as well as treaties, alliances, and international organizations.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Social Science

PLSC 2213 - Comparative World Politics

Overviews the contemporary spectrum of world politics and government. Concepts emphasized include both the principles and structures of government. Comparative analysis is the basic approach to this course.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Social Science

PLSC 2513 - State and Local Politics and Government

Explores the process of conflict resolution at the state and local level. Emphasis is on the changes brought about by urbanization, sub urbanization, the growth of the sunbelt, and changes accompanying the legislative reapportionment of the recent past. The abstract principles of political science are applied to the real world of politics and government in New Mexico.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

SOC

Note

New Mexico State Government as the applied example.

Psychology*PSYC 1113 - General Psychology*

Studies the physiological, biological, and psychological factors which influence human behavior. Students are introduced to classic theorists and theories which attempt to explain human behavior and personality development. Human emotions, motivation, stress, anxiety, neurotic, and psychotic behavior are studied in this course. Emphasizes effective life adjustment in a complex, paradoxical social environment.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Social Science Requirement)

Area

(Area IV NMCCN PSYC 1113)

PSYC 2113 - Psychology of Adjustment

Explores concepts of mental health and illness, adjustment problems and processes.

Credit Hours Cr. 3.0 hrs

Prerequisite

PSYC 1113

PSYC 2213 - Developmental Psychology

Psychological, biological, and social aspects of human development. Special emphasis is given to the physical cognitive, personality, social and moral characteristics of infancy, childhood, adolescence, and adulthood.

Credit Hours Cr. 3.0 hrs

Prerequisite

PSYC 1113

Science of Design*SCI 031 - Science of Design*

Introduces a study of the application of engineering design to real World problems/situations. Lab work consists of computer simulations and computer designed projects. Curriculum is developed by the Infinity Project, a consortium of engineering

schools headed by Southern Methodist University, the National Science Foundation, and the Department of Education.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

Lab fee required.

SCI 032 - Science of Design

Introduces a study of the application of engineering design to real World problems/situations. Lab work consists of computer simulations and computer designed projects. Curriculum is developed by the Infinity Project, a consortium of engineering schools headed by Southern Methodist University, the National Science Foundation, and the Department of Education.

Credit Hours Cr. 1/2 Unit

Designation Abbreviation

(CP)

Note

Lab fee required.

Sociology

SOCI 1113 - Introduction to Sociology

Studies the nature and structure of human societies. Stresses sociological methodology, terminology, key concepts, such as culture, socialization, social stratification, collective behavior and social instructions. Designed to give the student a sociological understanding of contemporary American society in a rapidly changing World.

Credit Hours Cr. 3 Hrs

Satisfies a Requirement

(Satisfies Social Science Requirement)

Area

(Area IV NMCCN SOCI 1113)

SOCI 2113 - Contemporary Social Problems

Analyzes and studies contemporary social problems, their causes, possible solutions, and how they affect human behavior. The problem areas of crime, population, the ecological crises, racism, alienation, poverty, urbanization, and mass media are studies from the various sociological models or social problems.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Social Science

Area

IV

Prerequisite

SOCI 1113 or permission of the instructor

SOCI 2213 - Contemporary Marriage and Family

Studies the nature and the forces that are influencing contemporary family life. Many of the aspects of marriage covered are: male and female role socialization, courtship, mate selection, legal aspects, practical economic considerations, sexual development and adjustment, conflict and adjustment in marriage, divorce, child rearing, and the nature of love.

Credit Hours Cr. 3.0 hrs

Satisfies a Requirement

Social Science

Area

IV

Prerequisite

SOCI 1113

Faculty

Click on any of the following links for information:

- [The Faculty](#)
- [Cadet Counselors](#)

Faculty

Isaac Alexis

Sergeant First Class, USA (2005) AA Central Texas College

Military Instructor

Gilbert Alvarado

Lieutenant Colonel USA Ret. (1998) M.S., Eastern New Mexico University

Criminal Justice, Department Chair Security Studies

Mary Beth Atwood

Lieutenant Colonel NMMI (1994), M.S., New Mexico State University

Biology/Pre-Nursing

Philip Baca

Major NMMI (2005), M.S., New Mexico State University

Business Administration

Leona Bacon

Major NMMI (2004), M.A., Library Science, University of Missouri

Library

Jose Barron

Major NMMI (2001), B.S., New Mexico State University

Athletic Trainer, HPE Instructor

Elizabeth L. Boese

Major NMMI (1999), M.A., Middlebury College

Department Chair, English

Will Boston

Major NMMI (2002), M.S., Texas Tech University Health Sciences Center

Biology

Jeff Boyd

Major NMMI (2001), M.A., Texas Tech University

Department Chair Communications

Leanne V. Bratland

Lieutenant Colonel NMMI (1994), M.A., Eastern New Mexico University

Spanish Language Department Chair

Drew Bridges

Major NMMI (2007) M.S., Sul Ross State University

HPE Instructor

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Lieutenant Colonel NMMI (2005), M.Ed., Utah State University

Associate Director Physical Performance and Development (PPD) and Human Performance

Gina Burnell

Major NMMI (2006), M.A., Eastern New Mexico University

Mathematics

J. Dwight Burns

Colonel NMMI (1978) (1984), B.S., Angelo State University

Athletic Director

Paul G. Burrow

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Mathematics

John Camp

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Department Chair, Business Administration

Nancy A. Cavin

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Computer Concepts, Mathematics

Kyle Chaney

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English

Frank Coggins

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Business Administration (Law)

Cresencio Corral

Sergeant First Class USA Ret. (2005)

Junior ROTC Instructor

Deana Curnutt

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Dana Duniap

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Arabic, Spanish

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Biology, Yates Leadership Challenge Course

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M.S. University of North Texas, Mathematics

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Business Administration

María Carmen Gonzalez

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Donald J. Hanak

Major USAF Ret. (1998), M.A. Central Michigan University

Service Academy Prep Program

Gene Hardman

Lieutenant Colonel NMMI (1991), M.S. University of Northern Colorado

Assistant Athletic Director Internal Affairs

Nancy Hein

Major NMMI (2002), M.S. University of Alaska, Anchorage

Biology

W. Theodore Hitchcock

Lieutenant Colonel USAF Ret. (1993), Ph.D., University of Mississippi

Associate Dean for Social Science, Business Administration, and Security Studies

Holly Huber

Lieutenant Colonel NMMI (1998), M.A. Ed., Eastern New Mexico University

Department Chair, Art

Robert E. Hudgens

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Charity C. Kelter

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Mathematics

Sandra J. Kennedy-Licon

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Spanish

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Major NMMI (2003), Ph.D., Arizona State University
History and Social Science

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Director, Paul Horgan Library and Center of Academic Excellence

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Associate Dean for Science and Mathematics

Daniel L. Musgrave

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Mathematics

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Physics

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Chemistry, Astronomy

Steve Thorp

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Department Chair, Music

Lewis Toland

Colonel NMMI (1999), Ph.D., University of Kansas

English

Kenneth G. Tuttle

Major NMMI (2003), M.E. New Mexico Highlands University

Bandmaster, Music

John K. Umberger

Lieutenant Colonel NMMI (2000), M.P.A., Golden Gate University, M.A. Naval Post Graduate School

Department Chair, Social Science

Zeljka Vidic

Major NMMI (2006) Ph.D., University of Idaho

Assistant Director, Sports Psychology

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Chemistry

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Associate Dean Leadership and Behavioral Science Division

Steven D. Young

Major NMMI (2006), M.S. Texas Tech University

Mathematics

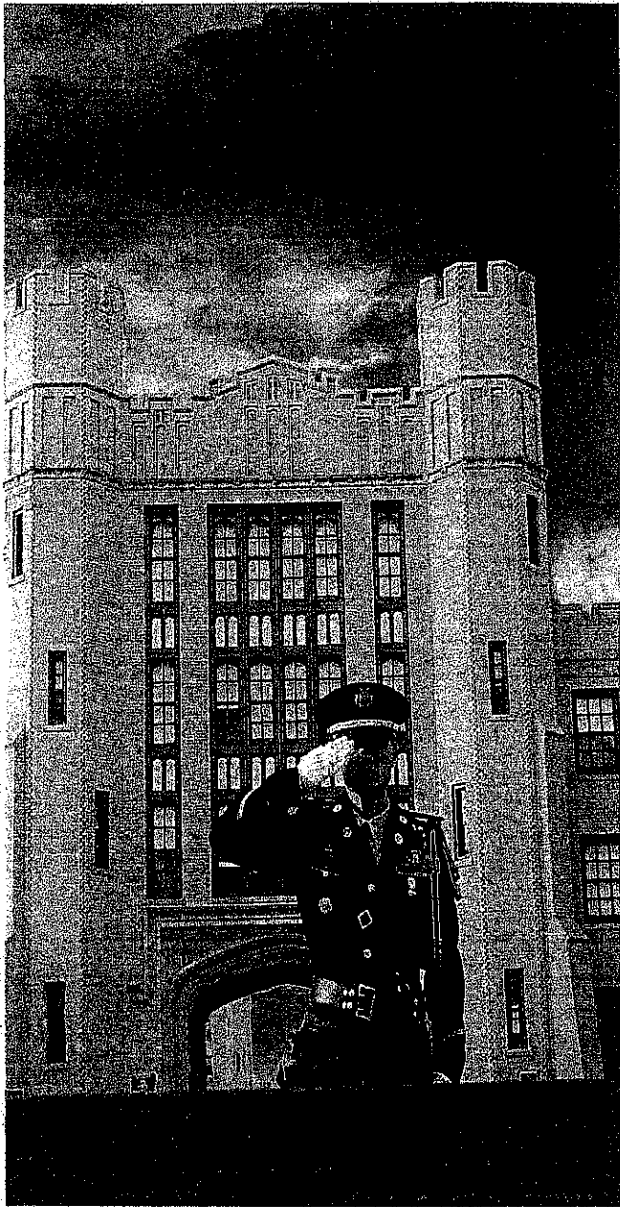
Cadet Counselors/Leadership

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