

1985-1988 CATALOG

NEW MEXICO MILITARY INSTITUTE





**NEW MEXICO MILITARY INSTITUTE
ROSWELL, NEW MEXICO 88201**

Member of

American Associate of Junior Colleges
American Association of Military Schools and Colleges
North Central Association of Colleges and Secondary Schools
Association of Governing Boards
National Association for Campus Activities

Accredited by

Department of Education, State of New Mexico
North Central Association of Colleges and Secondary Schools.
High school accredited as college preparatory.
Department of the Army as a Military Junior College offering Junior ROTC
and Senior ROTC Programs. Honor school with distinction (or its equivalent) since 1909.

For further information call or write:

Director of Admissions
New Mexico Military Institute
Roswell, New Mexico 88201
In New Mexico - (505) 622-6250
Outside of New Mexico - 1-800-421-5376

CONFIDENTIALITY AND ACCESS OF STUDENT RECORDS

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

A student's record is open for inspection by the student's parents or guardians. New Mexico Military Institute considers all students as "dependent" as defined by Internal Revenue Code of 1954, Section 152. Proof of "independent" status must be presented to the Registrar prior to the start of the third academic week.

The Registrar is the custodian of a 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, major, dates of attendance, height, weight, scholastic achievement, degree (if any), and date of graduation. If a student does not wish for this public information to be released, he is responsible for notifying the Registrar during the first two weeks of classes in each semester.

EQUAL OPPORTUNITY POLICY

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

NOTICE OF CHANGE

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.



SUPERINTENDENT'S MESSAGE

The mission of New Mexico Military Institute, as a State supported school, is to provide the citizens of the State of New Mexico and the Nation a college preparatory program in the high school and a college transfer program in the junior college in the disciplined environment of the Corps of Cadets. Further, the Institute provides instruction to the cadets for the development of leadership, character, integrity, self-esteem, and physical well-being. The Reserve Officer Training Corps (ROTC) program is mandatory for all cadets, and the junior college contract cadet has the opportunity to acquire an Army commission in two years.

The curricula of both college and high school are based on the assumption that New Mexico Military Institute students plan to continue their education and graduate from a senior college or university. The Institute faculty and staff continually strive to provide the very best instruction and the very finest facilities in order to create an atmosphere that is intellectually inspiring.

GERALD CHILDRESS
Major General
Superintendent

LOCATION

Roswell is located in the southeastern part of New Mexico in an area of almost perfect weather year around.

Altitude: 3,560 feet

Population: 40,000

Transportation:

Air: Air Midwest (505) 347-2071

Mesa Air Airlines (505) 347-5501

Aeronautics Charter Service (505) 347-5405

Bus: Texas, New Mexico, Oklahoma Bus Company (Greyhound)
(505) 622-2510

Temperatures:

	Average Maximum	Average Minimum	Average
Winter	56.4	26.1	41.2
Spring	75.3	43.4	77.5
Summer	91.5	63.4	77.5
Fall	74.5	44.5	59.5

The Sierra Blanca (Ruidoso) ski area is one and a half hours drive away, along with hunting, fishing, and camping opportunities.

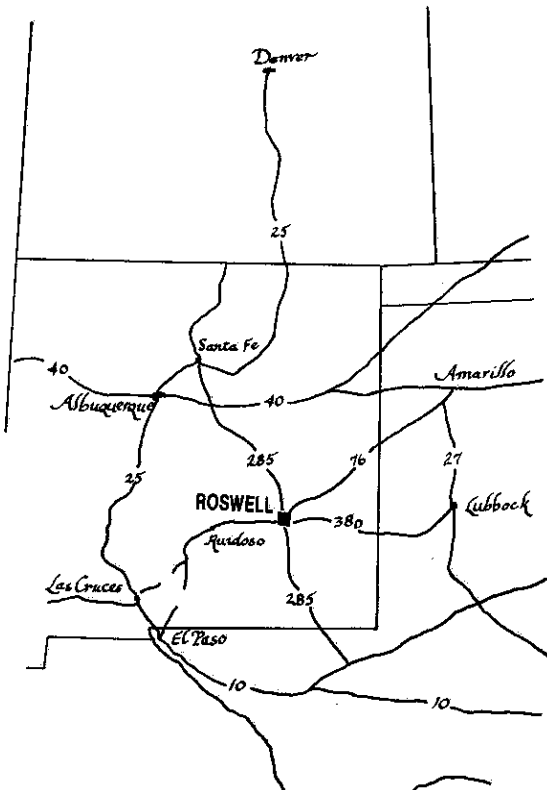


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BOARD OF REGENTS POLICY STATEMENT

New Mexico Military Institute is primarily an academic institution operating within the framework of a military environment.

The junior college is primarily designed to prepare students for transfer to four-year colleges and universities. An Associate in Arts degree is awarded to qualified graduates.

The high school curriculum is designed for those students planning to pursue a college course of study after graduation.

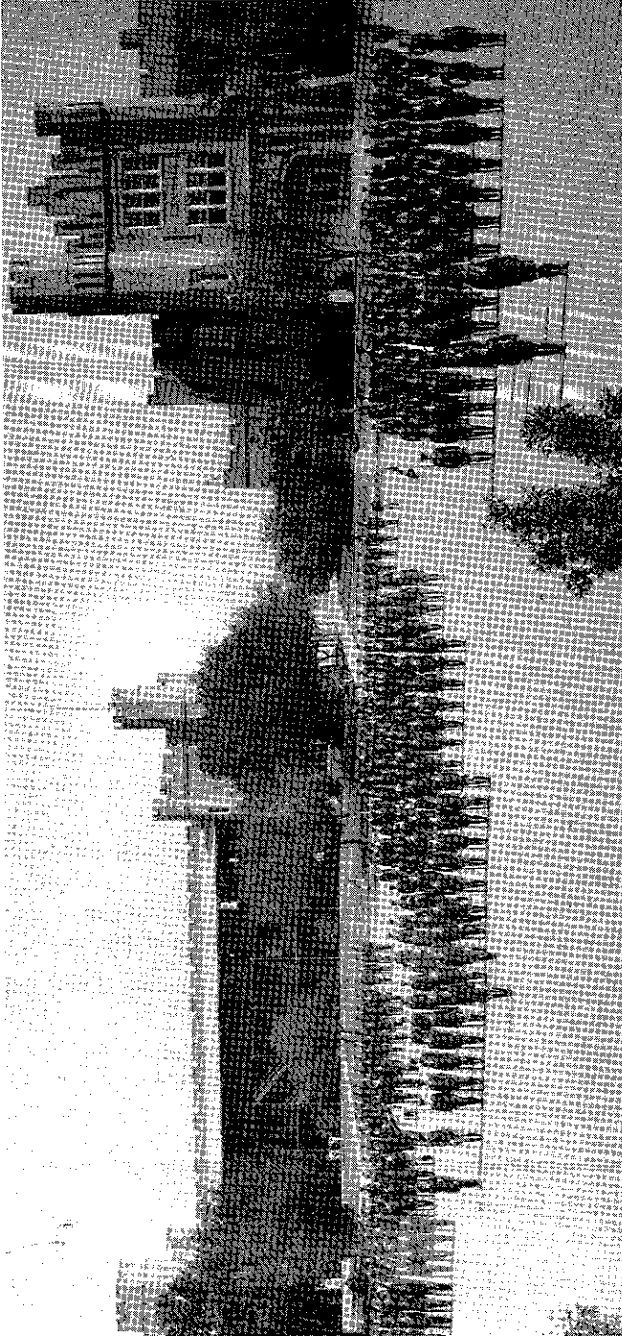
Members of the staff and faculty are selected for their professional qualifications and their willingness to work in a program that is both academic and military.

Every effort is made to instill integrity through an honor system and to develop individual responsibility.

Students are both instructed in and offered opportunities to practice the principles and techniques of good leadership. Only students in full residence may be members of the Corps of Cadets.

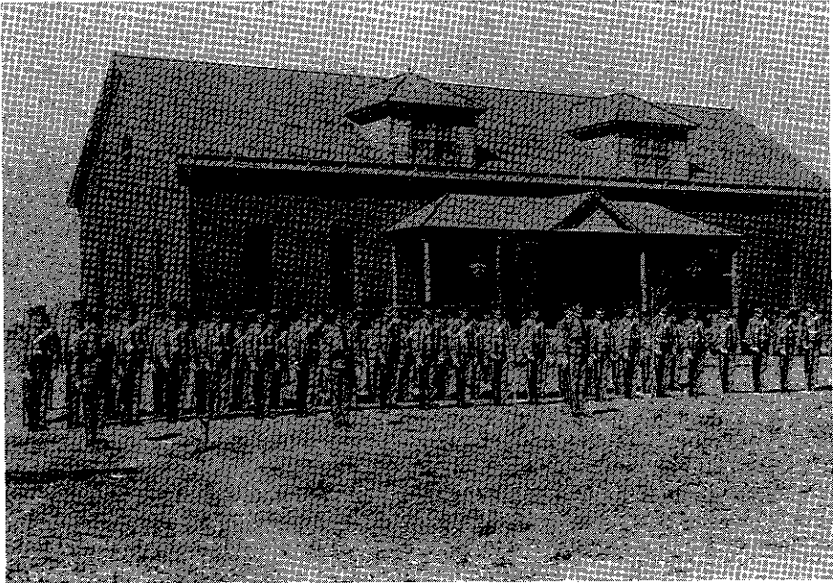
As a general policy, cadets at New Mexico Military Institute are required to attend non-denominational or Catholic chapel once weekly unless specifically excused. Chapel services are conducted at the Institute at such times as to permit and encourage cadets to attend other church services of their choice in Roswell.

All full-time students are required to be unmarried resident members of the Corps of Cadets, to participate in military science and physical education activities, and wear the cadet uniform.



Since 1956, NMMI has maintained its basic commitment to a first rate college preparatory and two-year college education. In 1977, the first female cadets were enrolled and their number has steadily grown since then. In 1980, New Mexico Military Institute received an unusual ten year accreditation from the North Central Association of Colleges and Secondary Schools. The high school division is accredited as college preparatory, the highest honor paid a public secondary school. New Mexico Military Institute continues its unbroken tradition of being named a military honor school by the Department of the Army.

Today, the academic curriculum includes a four-year senior preparatory high school and a two-year junior college. Qualified graduates of the Institute are now commissioned as second lieutenants in United States Army Reserve at graduation.



HISTORY

Roswell, New Mexico dates back to 1866 when it was a cowboy outfitting station on the Chisum Trail and, at that time, was called Rio Hondo. It acquired a post office in 1873 and was then named Roswell. At the time there was no institution of higher learning in eastern New Mexico and only one in the entire New Mexico Territory — St. Michael's, founded in 1859. This area of New Mexico around Roswell was the historic border between the Comanche and Mescalero Apache tribes, making settlement relatively late.

On September 3, 1891, the Goss Military Institute was founded in Roswell through the efforts of Captain J.C. Lea and Colonel and Mrs. Robert S. Goss. It was the first school in New Mexico to adopt military features and had an initial enrollment of twenty-eight pupils.

The Institute was made a territorial school and the name changed to New Mexico Military Institute on February 23, 1893. There were no funds appropriated for the first two years. However, on February 13, 1895, an appropriations bill was passed by the Territorial Legislature. The legislation provided for a bond issue and maintenance monies contingent on a land grant of forty acres. Mr. J.J. Hagerman deeded a forty-acre plot situated on North Hill to the school in 1895.

New Mexico Military Institute, after suspending operations in 1895, reopened at its present location on September 6, 1896, in a new \$12,000 physical plant with 105 students, including thirteen ladies. The curriculum consisted of eight years of academic work and the students were organized into two companies.

The New Mexico Military Institute was designated by the War Department on June 25, 1909, as one of the ten distinguished military schools of the nation and it has received that distinction continuously since 1909.

The junior college was inaugurated on September 6, 1915. The Institute now had four years of high school and two years of college and thus became a pioneer among the junior colleges of the nation. The School became a member of the Reserve Officers' Training Corps on December 13, 1916, with an enrollment of 203 cadets.

During World War I (1917-1919) the Institute sent 320 alumni, to include 163 officers, into the services. New Mexico Military Institute was changed from a battalion of infantry to a squadron of cavalry in October 1920 and the first horses arrived during Christmas furlough that year. In 1917 the Institute was first accredited by the North Central Association of Colleges and Secondary Schools.

During World War II the Institute had 2,268 alumni in the armed forces with 1,735 of these being commissioned officers. John C. Morgan (Class of 1935) received the Medal of Honor and sixteen alumni received Distinguished Service Crosses.

In 1946 the Senior ROTC horse cavalry unit was changed by Department of the Army to an armored cavalry unit. Five M-24 light tanks and miscellaneous other vehicles were added for military training. The School retained its horses for cadet activities, horsemanship, and polo. In 1954 polo was discontinued at New Mexico Military Institute and all horses were disposed of at that time. In that same year, the ROTC course emphasis went from an armor branch orientation to a General Military Science Program.

In 1949 New Mexico Military Institute inaugurated a four-year liberal arts college offering baccalaureate degrees specializing in preparing students for government service. The Institute's ROTC classification was changed in 1951 from a Military Junior College (MJC) to a Military Institute (MI) unit for the high school and a Military College (MC) for the college division, thus making New Mexico Military Institute one of the nine military colleges in the United States at that time. The four year college program was discontinued in 1956 and NMMI was redesignated a MJC.

Since 1956 New Mexico Military Institute has maintained its basic commitment to a first rate college preparatory and two-year college education. In 1977 the first female cadets were enrolled and their number has steadily grown since then. In 1980, New Mexico Military Institute received an unusual ten year accreditation from the North Central Association of Colleges and Secondary Schools. The high school division is accredited as college preparatory, the highest honor paid a public secondary school. New Mexico Military Institute continues its unbroken tradition of being named a military honor school by the Department of the Army.

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LEADERSHIP AND DISCIPLINE

The Corps of Cadets at New Mexico Military Institute operates under a cadet chain of command, headed by a Cadet Regimental Commander, under the supervision of the Commandant of Cadets. Working closely with him are officers of his staff and officers and noncommissioned officers of the U.S. Army in the Military Science Division. Upon enrollment, new cadets become part of the Corps under the traditional new cadet-old cadet system. New cadets will be assigned to rooms in the barracks with fellow new cadets of the same academic year. They will march to formations with their troops. As a new cadet, the student is held to the highest standards and is indoctrinated in the shortest possible time in the following areas:

1. Military bearing and appearances
2. Self control and self discipline
3. Respect for authority
4. Attention to detail
5. Knowledge of New Mexico Military Institute customs, traditions, and regulations
6. Organization and use of one's time
7. Honor System
8. Social etiquette
9. Ethical and moral standards expected of a cadet

The Yearling (second semester in college) is placed in a less stressful environment and may be given supervision over new cadets in his unit, but will have very little authority over new cadets not assigned to his unit. It is during this period that the cadet is carefully coached and evaluated on leadership abilities.

The old cadets are the leaders in the Corps, having the responsibilities of training the new cadet and monitoring and helping the progression of the yearlings. Old cadets lead primarily by example.

CLASS DESIGNATIONS AT NEW MEXICO MILITARY INSTITUTE

Sixth Class (equivalent to high school freshman). A limited number of high school freshmen are admitted to New Mexico Military Institute each year. A minimum of 3.50 GPA in the 7th and 8th grades and an on-campus interview are required for admission.

Fifth class (equivalent to high school sophomore). A cadet must have completed five academic units that apply toward the high school diploma. English I must be one of the units submitted.

Fourth Class (equivalent to high school junior). A cadet must have completed ten academic units that apply toward the high school diploma.

Third Class (equivalent to high school senior). A cadet must have completed fifteen academic units that apply toward the high school diploma.

Second Class (equivalent to college freshman). A cadet must have a high school diploma or its equivalent from an accredited high school.

First Class (equivalent to college sophomore). A cadet must have completed 32 academic units that apply towards the associate degree.

HONOR SYSTEM

The Honor Code and Honor System of the Corps of Cadets at New Mexico Military Institute belongs to the Corps of Cadets but operates under the sanction of the Commandant of Cadets. Simply stated, a cadet is expected not to lie, cheat, or steal; nor to tolerate those who do. This is serious business with the Corps of Cadets and violations of the code will result in serious disciplinary action or dismissal based on the recommendations of the Cadet Honor Board as finally determined by the Commandant of Cadets. New cadets are fully indoctrinated on all aspects of the honor system but prospective cadets are encouraged to think out carefully the implications of non-tolerance before joining the Corps of Cadets.

TYPICAL CLASS DAY

6:00 am	First Call
6:15 am	BRC (Breakfast Role Call) Formation
8:00 am - 2:20 pm	Academic Classes
11:00 am - 1:00 pm	Noon Meal (optional)
2:30-3:30 pm	Dismounted Drill (Monday and Thursday)
2:30-3:30 pm	Tutorial, Extra Instruction, Counseling (Tuesday and Wednesday)
3:30-5:00 pm	Intramurals, Corps Sports
5:00-6:00 pm	Free Time
6:00-7:00 pm	Retreat and DRC (Dinner Role Call) Formation
7:00-8:15 pm	First Half Night Study Hall (NSH)
8:15-8:30 pm	NSH Break
8:30-9:45 pm	Second Half Night Study Hall (NSH)
9:45-10:25 pm	Free Time
10:25-10:30 pm	Call to Quarters
10:30 pm - 6:00 am	Sleep

FURLOUGHS

A furlough is the time a cadet may leave New Mexico Military Institute to go home. Furloughs are directly related to activities, grades or deportment. A cadet whose grades or deportment falls below a "C" average loses his furlough privilege. Furloughs are only taken on specific weekends designated by the Commandant of Cadets. The three major furloughs when all cadets may leave New Mexico Military Institute for more than three days are the Thanksgiving break, Christmas break and Spring break.

REQUIREMENTS FOR ADMISSION TO THE HIGH SCHOOL DIVISION

Regular admission to the high school division begins with the tenth grade (fifth class). An applicant must have earned a grade point average of 2.0 (C) or better in the ninth grade and must have performed satisfactorily on an entrance examination. The preferred examination is the Secondary School Admissions Test (SSAT). Although personal interviews are not required, applicants and their parents are encouraged to visit the Institute and to tour the campus.

A few carefully selected ninth graders (sixth classmen) are admitted annually. Admission to this class is highly competitive, requiring a personal interview and a minimum grade point average of 3.50 in the seventh and eighth grades.

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 faculty advisor and on demonstrated academic ability, a high school senior may be permitted to take college courses concurrently with high school courses, either for high school or college credit.

New students are admitted only at the beginning of the fall and spring semesters.

ACADEMIC TALENT PROGRAM

High school cadets who score high in the new cadet testing will be offered the opportunity for further testing toward the possibility of acceleration or special projects in their program of academic studies at New Mexico Military Institute.

The Academic Talent Program for superior high school students provides for (a) the identification of such cadets and for (b) accelerated or alternative programming to provide them with enriched and/or accelerated learning opportunities. Prospects for this program are identified from new cadet testing results. Each prospect is then contacted to explain the program and ascertain the cadet's interest. If the cadet is interested, additional achievement testing is administered and an interview with the High School Principal is conducted. The cadet's academic advisor will be contacted for assessment and evaluation. Input from the cadet's instructors will be requested.

If the cadet is then considered qualified for and interested in accelerated or alternative educational programming, the cadet and the academic advisor together will work out a special graduation plan, which will be submitted to the Office of the Deans for evaluation and approval. If approved by the Deans, the cadet will earn the Institute diploma by the successful completion of the approved special graduation plan. The progress of any cadet in the special program will be carefully monitored by the cadet's academic advisor.

REQUIREMENTS FOR ADMISSION TO THE COLLEGE DIVISION

To be admitted to the college division of New Mexico Military Institute an applicant must be a graduate of an approved high school and have acceptable score on the American College Test (ACT) or the Scholastic Aptitude Test (SAT): the ACT is preferred. In some cases, a candidate with an acceptable score on the General Education Development (GED) examination may be accepted. Since the ACT or SAT is required of all entering students in the junior college, students who do not have scores on file prior to new cadet testing will be required to take an ACT Residual during that period.

New students are admitted only at the beginning of the fall and spring semesters at New Mexico Military Institute.

For those cadets seeking a commission, please refer also to pages for admissions requirements into the Army ROTC Advanced Course leading to a US Army Reserve Commission.

Foreign students whose primary language is not English must have a score of 450 or better in the Test of English as a Foreign Language (TOEFL) for admission, and may substitute this test for the ACT.

PROCEDURES FOR APPLICATION FOR ADMISSION

Cadets must be physically and mentally sound and meet the academic requirements for admission. (Physical fitness is a continuing requirement in order to participate fully in the Institute's programs. Chronic or acute disabilities existing prior to or subsequent to matriculation are causes for dismissal.)

The application for admission should be completed and returned with a check for \$60.00 (payable to New Mexico Military Institute) to the Admissions Office (\$10.00 of this amount is an application processing fee and is not refundable). The remaining \$50.00 is a deposit and is subject to the conditions set forth on the application. Under some circumstances, the deposit may be waived by the Director of Admissions.

Have your family physician fill out the medical forms and return them to the Admissions Office.

If you are a collegé applicant, send your ACT or SAT scores (if available).

If you are a former New Mexico Military Institute cadet, apply for readmission by submitting a request for reenrollment signed by your parent or guardian (or yourself if you are 18 years of age or older). Include with the request a deposit of \$50.00 before the spring reenrollment application deadline. If the request for readmission is not granted the \$50.00 will be returned to you.

FINANCIAL ASSISTANCE

The New Mexico Military Institute operates an extensive program of student financial assistance. The program revolves around two distinctive areas. One area involves the various federal student aid programs and requires proven financial need. Cadets or prospective cadets with a genuine financial need may secure information by contacting the Financial Aid Officer, New Mexico Military Institute. These programs are limited to college level cadets. The second area of assistance is provided by an institutional scholarship program available to both high school and college cadets.

THE FEDERAL AND STATE ASSISTANCE PROGRAMS

The student aid programs which are funded by the Federal government are limited by law to **college level students**. The programs are available to those students who provide evidence of need for this assistance in order to attend college. Therefore, a family need analysis is part of the application process. Approximately 40% of the college cadets at New Mexico Military Institute receive assistance from these programs. The application deadline is April 1st with assistance awarded after that date dependent upon continued availability of funds. The federal assistance programs utilized by New Mexico Military Institute cadets include:

1. Pell Grant. All college students may apply for the Pell Grant. It is a requirement at New Mexico Military Institute that students applying for assistance from any of the Federal programs must apply first for the Pell Grant. The amount of the grant may range from \$50 to \$2100.
2. Supplemental Educational Opportunity Grants. New Mexico Military Institute has a limited number of these grants available for students with proven need.
3. National Direct Student Loan. Students with substantiated need may receive loans up to \$1500 for each year of junior college. The loans carry an interest rate of 5%. Repayment begins six months after the student ceases to be a student in any college or university, or authorized deferment.
4. Guaranteed Student Loan. Students may borrow up to \$2500 annually at 8% interest. The federal government pays the interest while the student is enrolled in college. Repayment begins six months after the student leaves college or completes deferment. The loan is secured from a participating bank, savings and loan agency, or credit union with New Mexico Military Institute certifying the cost of education and degree of student need. A number of states have also instituted student loan programs for students in those states. These programs are also governed by the regulations of the Guaranteed Student Loan. Many families whose need is not sufficient to qualify for the NDSL may qualify for this program.

5. Parents Loans for Undergraduate Students/Auxiliary Loan Programs (PLUS/ALP). Parents may borrow up to \$3000 per year per undergraduate dependent child, not to exceed cost of attendance minus any other financial assistance, with a cumulative maximum of \$15,000 per child. Interest rate on PLUS is 12% and repayment is required to begin within 60 days after disbursement. This program is governed by the Guaranteed Student Loan regulations.

6. New Mexico Guaranteed Student Loan Program. This program is governed under regulations of the Guaranteed Student Loan Program and is administered by the New Mexico Student Loan Guarantee Corporation. Loans are made up to \$2500 per year and are limited to New Mexico residents.

7. College Work Study Program. Students are employed on campus during their free time. Students work on the average of six to ten hours weekly and are paid the current minimum wage.

8. New Mexico Work Study Program. New Mexico residents are employed on campus during their free time. Students work on the average of six to ten hours weekly and are paid at current minimum wage.

9. State Student Incentive Grant. This program provides a limited number of grants of \$200 to \$800 for especially needy college students who are residents of the State of New Mexico.

Percentages and loan amounts may vary from year to year based on annual levels of federal funding.

SCHOLARSHIPS

The scholarship program at New Mexico Military Institute is the result of endowments made by individuals and organizations interested in the Institute and its cadets. Scholarships vary from those whose criteria are very specific to those which 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 apply for New Mexico Military Institute scholarships. Application booklets will be given to all cadets on campus during the fall term, with notification being sent to parents/guardians (application deadline to be announced). Applications for prospective cadets are mailed out as requested. (Refer to ROTC Scholarship section in this catalog for information regarding U.S. Army ROTC Scholarships.)

ACADEMIC AFFAIRS

Academic offerings are grouped into six divisions. Division heads, acting under the Dean, exercise close supervision over course content and instructional procedures. The divisions are: Natural Sciences and Mathematics, including physical science, chemistry, biology and mathematics; Humanities, including English, foreign languages and fine arts; Social Sciences, including social studies and business administration; and the Health, Physical Education and Recreation Division. A Military Science Division offers both junior (high school) and senior (college) ROTC programs. These programs are operated by active duty and retired officers and noncommissioned officers of the Department of the Army.

Courses are offered leading to the high school diploma and the associate in arts degree. Preprofessional curricula at the college level address concentration areas in pre-med, pre-vet, pre-engineering, and pre-law.

It is emphasized that the Institute's academic programs are identified by the North Central Association of Colleges and Secondary Schools as "College Preparatory". The Institute does not offer vocational technical programs.

AUTHORITY IN ACADEMIC AFFAIRS

The High School Principal (Associate Dean) shall have final authority in academic matters pertaining to high school cadets. The Academic Dean has similar responsibilities with respect to college level cadets.

ACADEMIC DEAN

ASSOCIATE DEAN HIGH SCHOOL PRINCIPAL

Division of
Humanities

Division of
Social Sciences
and Business Administration

Division of
Natural Sciences
and
Mathematics

Division of
Military Science
Junior ROTC
Senior ROTC

Division of
Health, Physical
Education and
Recreation

Registrar's Office

Division of Student Assistance

Library and Media Support

RELEASE OF TRANSCRIPTS

The Registrar will prepare an official transcript for use outside New Mexico Military Institute only if the affected cadet signs a request which authorizes the release (Family Educational Rights and Privacy Act). The transcript release presupposes that all financial obligations to the Institute have been paid.

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 New Mexico Military Institute graduates.

TRANSFER OF HIGH SCHOOL CREDITS

High school level cadets may transfer credits from other high schools provided that a passing grade was attained in each course transferred. Credits shall be transferable with no loss of value between schools that are approved by the Board of Education in the state where the academic course was taken. The high school graduation requirements prescribed by New Mexico Military Institute must be completed by all of its graduates.

TRANSFER OF COLLEGE CREDITS

New Mexico Military Institute accepts credits transferred from other accredited colleges and universities as long as a grade of "C" or better is earned for the course or courses. New Mexico Military Institute reserves the right to determine whether courses earned elsewhere meet Institute graduation requirements or are accepted as elective credits. Transfer grades are not used to compute cumulative grade point averages.

With the exception of some corrective course credits, New Mexico Military Institute credits are transferable to any university in the nation.

GRADUATION REQUIREMENTS

High School Diploma: Twenty-one units of credit are required for graduation. Additionally, the American College Test (ACT) is a requirement for the high school diploma. A student 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 concurrence of the Associate Dean (High School Principal). A student 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 concurrence of the Associate Dean.

English 1, 2, 3, and 4. Successful completion of a semester course generates 1/2 unit. Four units are required. Mass communication courses or similar useful English courses do not meet the English requirements.

Mathematics. Successful completion of a semester course generates 1/2 unit. Two units are required, one unit of which must be Algebra I. The second unit must be geometry.

Science. Successful completion of a semester course generates 1/2 unit. Two full units of a laboratory science are required. These units may be biology, chemistry, physics, or earth science. Each of these units must comprise a full year of the science elected. General science or physical science is NOT a laboratory science.

Foreign Language. Successful completion of one semester generates 1/2 unit. Two units of one foreign language are required.

Social Science. Successful completion of a semester course generates 1/2 unit. Two units are required, one of which must be United States History. One-half unit must be government and the remaining 1/2 unit can be selected from any other social science course. The semester course in government will meet the government requirement; this course is normally taken during the junior or senior year in high school.

Computer Literacy. One-half unit is required. The course Computer Concepts is recommended. Other computer science courses may be substituted for Computer Concepts with the approval of the registrar.

Fine/Practical Arts. One-half of a fine or a practical art is required.

Leadership Development. Each LD course generates 1/4 unit. One-half unit is required, to meet the overall 21-unit graduation requirement. Enrollment in LD courses taught in the JROTC program is required in each semester of attendance at New Mexico Military Institute.

Physical Education. Completion of a one semester PE activity generates 1/4 unit of credit. One-half unit is required for graduation; however, a cadet must enroll in a physical education activity each semester of attendance.

Intramural participation is mandatory each semester. No academic credit is awarded. Members of New Mexico Military Institute athletic squads do not participate in intramurals while they are on the squad. When the team season is over, or if an athlete is dropped from the team, the cadet will be reported to the HPER Department Head and Commandant for reassignment to the intramural program.

Neither the same PE course nor the same intramural activity can be taken twice.

Electives. After the requirements listed above have been satisfied, elective courses may be taken to complete the 21 unit graduation requirement. Two of the elective units are designated as "core electives", and must be selected from the disciplines represented by the core curriculum. Core electives must exceed the minimum requirements in these areas. (Successful completion of one semester of band, PE, LD, or chorus at New Mexico Military Institute generates 1/4 unit).

Residence Requirements. A third class new cadet must earn a minimum of four units credit at New Mexico Military Institute and spend two semesters in residence. 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 High School Principal must approve post-New Mexico Military Institute courses to meet graduation requirements.

Summer or correspondence work from accredited schools is recognized, but no more than two units may be earned for transfer to New Mexico Military Institute. Exceptions to this policy must be approved by the High School Principal. Private tutoring is not recognized as a source of credit.

Failure to earn a grade point average (GPA) of at least 2.00 for courses taken at New Mexico Military Institute may be considered by the Admissions Board as grounds for refusal to admit a cadet to the second class (college freshman).

The length of time it will take an entering student 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 entrants who expect to earn a high school diploma. However, an old cadet who lacks but one and one quarter units of completion in the third class may, with the Dean's approval, take a maximum of nine semester hours credit at the college level. Thus, a cadet may satisfy the requirement for the high school diploma while enrolled primarily in college subjects.

Associate in Arts degree. Junior college cadets who are planning to continue for their baccalaureate degree should plan to complete requirements for the Associate in Arts degree.

Residency. The minimum requirement for residency for college-level students is one year.

Semester Hours. Minimum of 68 hours is required, no more than 12 of which can be in Military Science. Credit toward the degree will be allowed for completion of half a full year's (sequence) courses. Credit may be transferred from other accredited schools if the courses are acceptable and if the grades are a "C" or better. Courses transferred from other schools do not affect a grade point average at New Mexico Military Institute.

Required Subjects: The core curriculum of required courses is:

English. Six semester hours of English courses (to include EN101).

Mathematics. Three semester hours (MA111 or higher).

Laboratory Science. Eight to ten semester hours (full year of a single lab science).

Social Science. Nine semester hours, i.e., HI211, HI212, and one other non-history course from social sciences. (See Course Descriptions; courses meeting Social Science requirement are so labelled.)

Humanities or Foreign Language. Six to eight semester hours (if a language is chosen, a full year of a single language is required). Non-language courses which satisfy humanities requirements are so labelled in the Course Description section.

Physical Education. One hour of PE activity courses for at least two semesters to accumulate two semester credit hours. A maximum of 4 credit hours of activity PE may be used toward the fulfillment of degree requirements. Intramural activities are required each semester, but these activities do not generate credit hours. However, the intramural activity need not be attended by cadets who are members of the New Mexico Military Institute athletic team during the semester that sport is in season. Neither the same PE course nor the same intramural activity may be taken twice. PE minimum graduation credit two semester activity hours; PE 234 (3 credit hours) and PE 237 (3 credit hours) each satisfy one activity credit

Military Science. Eight to twelve semester hours. HI221 (American Military Experience) satisfies neither MS nor Social Science credit. However, ROTC contract cadets must have taken this course by the date of the acquisition of their bachelor's degree.

Grade Point Average. A minimum grade point average of 2.00 is required for the last three semesters of junior college work or a 2.00 for the total residency, whichever is higher. The minimum cumulative GPA for the associate degree is 2.0.

Academic credit to meet graduation requirements may be acquired elsewhere and entered on one's transcript at the Institute. Cadets who contemplate this action should check with the concerned academic department head to assure that the course to be taken elsewhere does indeed meet Institute academic criteria. For college cadets a maximum of six semester hours or two college courses from an accredited institution may be transferred to New Mexico Military Institute 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 New Mexico Military Institute grade point average.

COLLEGE AREAS OF CONCENTRATION

The core curriculum requirements generate essentially a liberal arts associate degree. By careful selection of elective courses, a cadet can build a course sequence which parallels those in other institutions which lead to the bachelor's degree. Cadets' academic advisors will counsel their advisees on other institutions' requirements for undergraduate degrees and suggest New Mexico Military Institute courses which parallel those sequences. Institute brochures are available from the Dean's Office for several preprofessional sequences, e.g., medicine and engineering. Except for four year institutions which do not sponsor ROTC programs, virtually all New Mexico Military Institute credit producing courses will count towards the 128-140 semester hours graduation total which most colleges require for the bachelor's degree. However, as is increasingly becoming common, many bachelor's degrees require ten semesters to complete.

CLASS DROP-ADD PROCEDURES

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

The student who wishes to drop a course must initiate the drop with the academic advisor who will route the drop slip through the Academic Dean before it is sent to the Registrar's office.

The last day for college students to drop a class is eight class days after the end of the mid-term examination week.

MUSIC LIMITATION

A maximum of six semester credit hours, earned here and/or elsewhere, may be used to satisfy the 68 hours graduation requirement.

GRADING POLICIES

Grades issued to college and high school cadets use the following guide as a basis of evaluation:

A, A-	=	Excellent
B-, B, B+	=	Above Average
C-, C, C+	=	Average
D-, D, D+	=	Below Average
F	=	Failing
W	=	Withdrawn
WF	=	Withdrawn while Failing
X	=	Incomplete
U	=	Unsatisfactory
S	=	Satisfactory

Grades of "Incomplete" (X) must be made up within the semester after their assessment or they become grades of "F".

Students 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.

GRADUATION PROCEDURES

The semester prior to graduation, the Registrar's Office will announce a time for application for graduation. Those planning to graduate must sign up at that time. All graduates are expected to participate in the graduation exercises unless specifically excused by the Academic Dean.

Mid-year graduates may participate in graduation exercises if they desire. If they do so they must appear in military uniform with approved haircut and appearance standards.

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	3.00-3.49

NORMAL CLASS LOADS

The academic load for a high school level cadet is four academic classes plus military training and physical education. Exceptions to this rule may be made by the High School Principal upon written request of the cadet's parents.

The normal academic load for college cadets is seventeen (17) semester credit hours. The minimum load is twelve (12) semester credit hours to include military science. Exceptions to this rule may be made only by the Academic Dean.

OVERLOADS

Cadets with a 3.0 GPA or above from the previous grading period may take more than 19 credit hours (college) or a fifth solid (high school) with the permission of their academic advisor. With a GPA of less than 3.0 from the previous semester grading period, overloads are not recommended; but upon the request of the cadet and approval by the academic advisor, an overload may be permitted providing a cadet's schedule (academic, athletic, extra-curricular) suggests there is a reasonable probability the cadet can handle the overload.

ACADEMIC SUSPENSION, WITHDRAWAL AND/OR DISMISSAL POLICY

While in attendance at New Mexico Military Institute a grade point average of 2.00 is required of all students in order to maintain "good academic standing". Any Institute student whose GPA falls below 1.50 at the end of a semester is placed on Academic Probation. The student then has one more semester in which to attain a GPA of 1.50 or better. Failing to do so, the student's overall record will be reviewed by the Academic Review Board and academic suspension may result.

An entering new student whose GPA for the previous semester or whose cumulative GPA for all secondary schooling does not meet the normal admissions criterion of 2.00 may be admitted conditionally. Such a student must attain a GPA of 1.5 in their first semester at New Mexico Military Institute. Failing to do so, the student's overall records will be reviewed by the Academic Review Board and academic suspension may result.

A cadet who has been placed on academic suspension may be permitted to re-enroll at New Mexico Military Institute after a break of at least one semester. The application for readmittance must include evidence that the student's academic record has improved to the extent that academic success at New Mexico Military Institute is highly probable.

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

Academic credit for dismissed or suspended cadets: It is possible for cadets who are dismissed or suspended prior to the end of a semester to receive academic credit for work completed. The procedure to be followed to determine a grade is:

Each case will be judged individually by the Academic Dean and/or Associate Dean together with the faculty member(s) involved.

Final grades will be based on grades for work completed at the time of dismissal, adjusted by zeros added for examinations and work missed between the time of dismissal and the end of the semester.

The Academic Dean and Associate Dean will provide the Registrar the results, and the cadet's transcript will reflect either:

- (1) grades at time of dismissal - no credit granted, or
- (2) grades at the time of dismissal - credit granted.

Dismissed or suspended cadets must regain "good standing" within the division (high school or college) from which they were dismissed or suspended before they may be awarded a high school diploma or Associate in Arts degree.

ACADEMIC ADVISEMENT

New Mexico Military Institute has a Centralized Advising System which is located in the Student Assistance Center. Each cadet consults a faculty academic advisor in the Student Assistance Center upon enrollment at New Mexico Military Institute. Normally this advisor retains the cadet advisee throughout the years the cadet remains at the Institute. The academic advisor

- (1) assists in the preparation of a cadet's academic course schedule,
- (2) structures a course of studies which leads to a cadet's career goals,
- (3) recommends tutorial referrals to appropriate instructors or for extra instruction in the Student Assistance Center (SAC),
- (4) provides the academic approvals/disapprovals for grade changes, course overload requests, and course additions or drops. When the need arises, on Tuesday and Wednesday each week, the last period of the academic day is reserved for tutoring and advising. Each cadet must sign a roster in the Student Assistance Center at least once a month.

THE STUDENT ASSISTANCE CENTER

The Student Assistance Center is located in the J. Penrod Toles Learning Center. In this Center are located faculty who have special competence in assisting students who are referred to SAC by their instructors because of a cadet's need to improve academically. A cadet need not be on academic probation to utilize SAC's facilities. Student Assistance Center is equipped with a wide variety of tutorial and self-paced learning aids. Additionally, under SAC's direction are taught various remedial courses in reading and writing skills, computational skills and special study programs for cadets on academic probation. SAC also is the location of the Institute's Chaplains (or they may be found in the Chapel) together with personnel who can provide emotional counseling. Student Assistance Center houses several remote computer terminals for cadet use as well as a computerized Guidance Information System (GIS) from which can be obtained a computer printout concerning institutions of higher learning in the United States which offer specified degree programs. Professional counselors are available to provide career and continuing education guidance. While the Division makes every attempt to help students, it is not equipped or staffed to handle diagnosed "learning disabled" students.

Student Assistance Center is open throughout the academic day as well as evenings during Night Study Hall (NSH). Cadets may use SAC during NSH provided their absence cards are properly marked.

COUNSELING CENTER

Specialists in personal counseling, career and academic guidance and counseling, and education evaluation and diagnosis are available to all cadets. These specialists provide cadets with vocational and educational information; administer and interpret aptitude, achievement, and interest tests as well as tests of personal problems and concerns. The New Mexico Military Institute Counseling Center also serves as a Regional Testing Center for the College Entrance Examination Board Admissions Testing Program (ATP) and the American College Testing Program (ACT). The Counseling Center maintains these regularly updated materials for cadet use: general and specialized college guides and directories; Computerized GIS; college catalogues, original, and on microfiche; vocational/occupational information, including books, pamphlets and video-cassette materials; "how to study" or "effective learning techniques"; self-instruction materials, and formal programs or group instruction; general and specialized scholarship and financial aid guides and directories; college admission and recruiting materials; admission application materials for schools regularly attended by New Mexico Military Institute graduates; specialized guidance materials for preparation for the several professions.

The Cadet Counseling Center program for evaluation and measurement for individuals and groups includes: occupational interest inventories; scholastic and other aptitude testing; achievement testing; limited evaluation/measurement of personal problems and concerns; college admissions testing (ACT, ATP, SAT, PSAT); college credit by examination (CLEP program); an effective test-taking mini-course; education diagnostic evaluation and prescriptions; National Merit Scholarship Qualifying Test.

DEVELOPMENTAL AND CORRECTIVE PROGRAMS

The Ex Libris Development Reading Program, a fee-based, voluntary, credited course parallels the reading programs of several major academic institutions, including West Point and Princeton. It builds upon skills the student already possesses to promote speed in reading and better comprehension.

Because some students lack the basic skills necessary to their academic success, New Mexico Military Institute offers courses specially designed to correct such deficiencies. Some of these courses may be credited toward graduation at the Institute, but they may not be transferable to other schools. A reading laboratory, offering individual evaluation and instruction, operates on a regular basis.

SCHOLASTIC TESTS

All high school cadets are required to take the American College Testing Company examination (ACT) as a graduation requirement.* These tests are administered by the Student Assistance Center at times which are announced in the Commandant's **Hot Line**. The exam should be taken in the second semester of the junior year or the first semester of the senior year. It is suggested that the ACT be taken as a dry run in the junior year and again for the record in the senior year. Most colleges require not only a transcript of one's academic record but also ACT scores to accompany application for admission. Cadets who apply to the service academies or for an ROTC scholarship must present ACT scores. The Student Assistance Center also administers other academic and placement tests such as the PSAT (Preliminary Scholastic Aptitude Test), the SAT, reading placement tests for new cadets, etc.

*See also variations on SAT and TOEFL under Graduation Requirements.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP) CREDIT BY CHALLENGE

College credit is allowed for successful completion of the various CLEP tests. CLEP credit may be transferred to the Institute to meet graduation requirements. The Institute does not use CLEP scores in computing a cadet's grade point average.

CLEP Scores - English. A score of 50% or higher on the CLEP Subject Matter Test in College Composition, plus an essay graded satisfactory by the New Mexico Military Institute Department of English, produces 3 credit hours in EN 101. A score of 50% or higher on the CLEP Subject Matter Test in Freshman English, plus an essay graded as above, produces 3 credit hours in EN102.

CLEP Scores - Social Science and Humanities. A score of 50% or higher on the United States History Subject Matter CLEP Tests produces 3 credit hours in HI 211.

CLEP Scores - Mathematics and Lab Sciences. A score of 50% or higher on the College Algebra Subject Matter CLEP Test produces 3 credit hours in MA185. A score of 50% or higher on the Trigonometry Subject Matter CLEP Test produces 2 credit hours in MA186. No lab science credit is allowed through the completion of CLEP examinations.

CLEP Scores - Foreign Languages. A score of 50% or higher on the foreign language Subject Matter CLEP Test produces 4 credit hours in Spanish, French, or German. Level 1 produces credit for SP111, FR112, or GR111. Level 2 produces credit for SP112, FR112, or GR112.

Challenge Examinations - A cadet (high school or college) may challenge any course offered by the Institute, and 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 head of the appropriate academic department. A \$25.00 fee for the challenge examination may be required in accordance with current Board of Regent's policies. Challenge examination results are reported on a "Credit" or "No 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 student has already received a grade for the attempted course.

Credit For 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 if they return to New Mexico Military Institute as college students and they request that these credits be posted to their college transcripts. This credit carries a grade which affects the Grade Point Average on the college transcript.

REQUIRED TESTING AT NEW MEXICO MILITARY INSTITUTE

New Mexico Military Institute requires student to take several nationally normed tests. Some of these tests are required prior to enrollment, others are required at certain grade levels, and yet others are required for high school graduation.

SSAT (Secondary School Admission Test): Required of all U. S. citizens as part of the high school admission process. Given on 4 to 5 national test dates. No minimum score is required. Cost is \$25.00 which entitles the student to 7 score reports. Fee waivers are available from some school participants; New Mexico Military institute does not waiver the fee.

PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualification Test): Required of all high school juniors who read and write English as a first language. Given on a national test date in October. Measures educational skills to date and is a must for National Merit Scholarships. Cost is \$5, which entitles the student to 2 score reports. Fee waivers are available if applied for.

ACT (American College Test): A New Mexico Military Institute high school graduation requirement and required of all U.S. citizens entering the junior college. Given on 5 national test dates. No minimum score required for high school graduation, but an 18 composite is required for being admitted to the college in good standing. Cost is \$9.50, which entitles the student to 3 score reports (additional reports are \$3 each). Waivers of fees are provided to those in Upward Bound or those who qualify as seriously economically disadvantaged. ACT-R is also available.

ATP (Admissions Testing Program): May replace the ACT requirement for high school graduation if the student plans to attend a school where the ATP is required. ATP has two parts: SAT (Scholastic Aptitude Test) with a cost of \$11, which entitles the student to 3 score reports and the CEEB-ACT (Subject Area Achievement Tests) with a cost of \$18, which entitles the student up to three tests at one sitting and 3 score reports. Additional reports are \$4. Waivers of fees are available through the student's counselor.

TOEFL (Test of English as a Foreign Language): Required of all foreign students for graduation from high school and for entrance into the junior college. No minimum score is required for high school graduation, but a composite of 450 is required to enter the college in good standing. Cost is \$24 for scheduled test dates and \$32 for special dates. Students are entitled to 3 score reports. There are no fee waivers.

To our knowledge, the New Mexico Military Institute is the only public high school in New Mexico that requires SSAT, PSAT/NMSQT, and ACT (or ATP) for all students. We make these requirements for three reasons: (1) we know how our students "stack up" nationally; (2) the student knows his potential and is not "locked out" of any educational possibilities for want of a test score; and (3) almost every college or university requires that entering students have either an ACT or SAT.

Year	English Average	Mathematics Average	Social Science Average	Natural Science Average	Composite Average
1982	16.4	14.1	16.4	20.6	16.9
1983	16.7	16.4	17.6	21.9	18.1
1984	17.9	17.3	18.4	22.4	18.9
1985	18.6	16.8	19.1	23.9	19.5

The 1984 National Averages were:

18.3	17.2	17.9	21.1	18.7
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HONOR SOCIETIES

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) and must be carrying a full load of four solid subjects in high school or at least 14 semester hours if in college. 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.

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 full load of four solid subjects and the college cadet a minimum of 14 semester hours. Additionally, the cadet's department grade must be at least a "C". Cadets who take grades of Incomplete are not eligible for the Dean's List in the semester in which the Incomplete is received.

Commandant's List

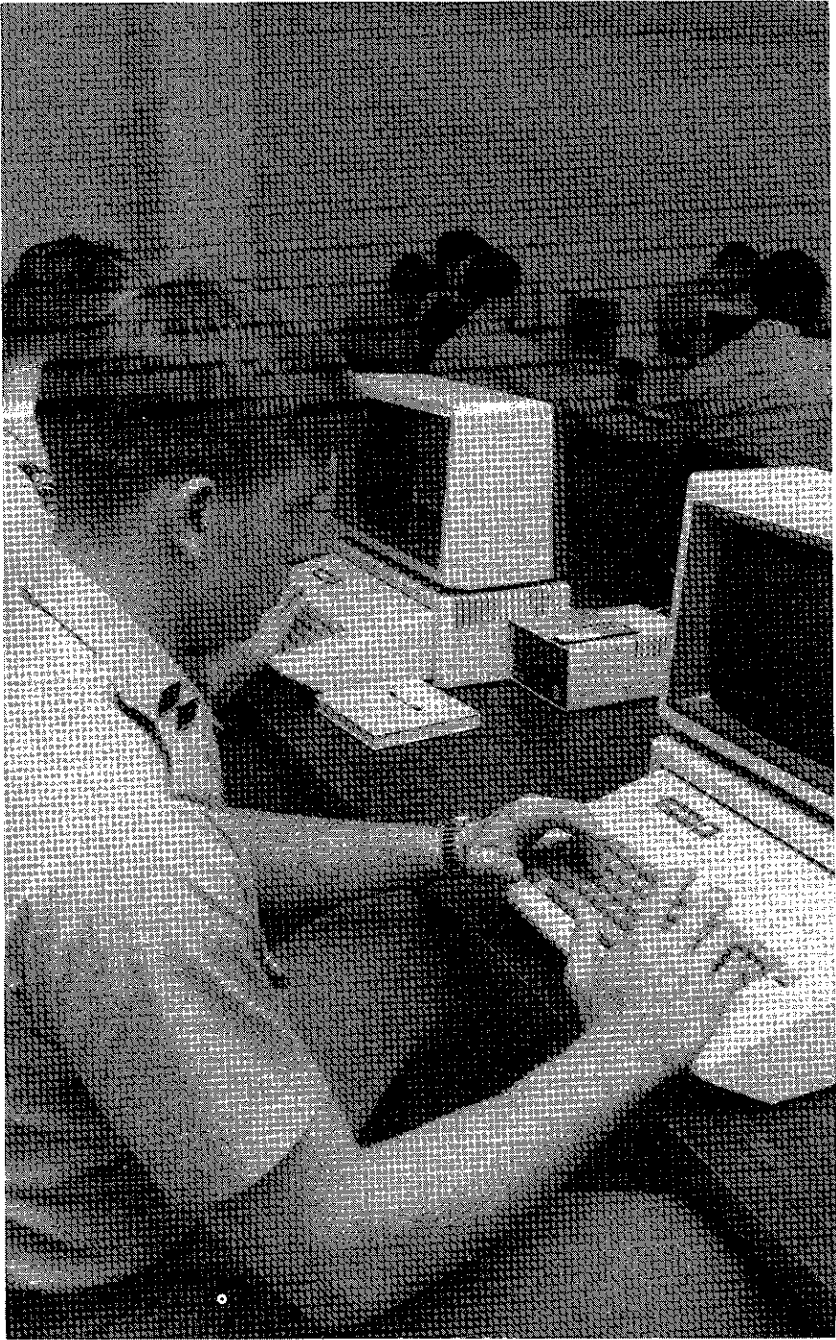
To qualify for the Commandant's List a cadet must earn an "A" in department and have a GPA of 2.50 or higher during a semester (both high school and college).

The 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, and helpfulness among his peers. Naturally, the honor becomes more difficult to attain as the student matures and his course work becomes more difficult. Thus, membership at the 12th grade level is a major criterion for acceptance by leading colleges.

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 regards academic excellence and provides additional opportunities for leadership training. Junior college students 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. The chapter sponsors various academic activities during the year, including guest speakers and seminars on current affairs.



COLLEGE COURSES

DIVISION OF HUMANITIES

EN 100-A — Basic Writing. Cr. 3 hrs.*

Is designed for students who need practical experience in writing correct and effective sentences. Placement by examination.

EN 100-B — Basic Writing. Cr. 3 hrs.*

Is designed for students who need practical experience in writing correct and effective paragraphs. Placement by examination.

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

EN 101 — Freshman English. Cr. 3 hrs.

Includes expository composition, the study of rhetoric, vocabulary, grammar and usage, spelling, and models for writing. Requires library paper. Mandatory core requirement. (EN101 and EN102, EN114, or EN103 satisfy graduation requirements.)

EN 102 — Freshman English. Cr. 3 hrs.

Is a continuation of EN101. Introduces poetry, short story, drama, and novel. Requires critical papers about the literature. Recommended for all students who transfer to four year colleges.

EN 103 — Writing Workshop. Cr. 3 hrs.

Is an intensive study of grammar and usage, spelling, vocabulary, and composition. Restricted enrollment. Augments EN101. Fulfills elective requirement for graduation but does not replace EN101.

EN 114 — Technical Writing. Cr. 3 hrs.

This course is intended to provide the student with theory and practice, especially practice, in the principal short and long forms written by technical professionals. Its focus is on practical technical writing — that is, writing the student will find useful in other college courses, especially the sciences and business; writing the graduating students may find beneficial in securing a job and writing the graduate should find helpful in the professional world. EN101 is a prerequisite.

EN 199 — Special Problems in English. Cr. 1-3 hrs.

Prerequisite: permission of instructor.

LT 221 — English Literature. Cr. 3 hrs. (Satisfies Humanities Requirement)

Surveys major writers of English literature with some attention to minor authors and to trends and backgrounds. One oral report and one paper. Major authors studied: Chaucer, Spenser, Shakespeare, Donne, Johnson, Milton, Dryden, Swift, Pope, Johnson. (Fall semester only)

LT 222 — English Literature. Cr. 3 hrs. (Satisfies Humanities Requirement)

Is a continuation of LT221 with the following main authors studied: Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning, Arnold, Yeats, Eliot. One oral report and one paper. (Spring semester only)

LT 231 — Introduction to Drama. Cr. 3 hrs. (Satisfies Humanities Requirement)

Treats drama as literature: selected readings from the ancient Greeks to the present.

LT 232 — Short Story. Cr. 3 hrs. (Satisfies Humanities Requirement)

A study of the origins and development of the short story from early through modern to contemporary with special attention to the elements of fiction within historical and cultural contexts.

LT 235 — American Literature. Cr. 3 hrs. (Satisfies Humanities Requirement)

Covers American writing from the colonial period to the Civil War with emphasis upon the chief figures. Historical and literary developments are studied, along with literary types, both prose and poetry. A critical review is required. (Fall semester only)

LT 236 — American Literature. Cr. 3 hrs. (Satisfies Humanities Requirement)

Is a continuation of LT235 which carries the student into modern American writers and movements. A critical review is required. (Spring semester only)

SH 123 — Public Speaking. Cr. 3 hrs. (Satisfies Humanities Requirement)

Delineates principles of public speaking and various types of public address. Emphasis on clear, competent expression through thorough preparation. Tape recordings for individual study.

SH 124 — Speech: Argumentation and Persuasion. Cr. 3 hrs. (Satisfies Humanities Requirement)

A study of argumentative and persuasive speech processes. Prerequisite: permission of instructor.

FOREIGN LANGUAGES

Registration Instructions:

Students with less than two years of high school language should enroll in the 111-112 series.

Students with two year or more of high school language should enroll in the 211-212 series.

Language Laboratory:

Each student enrolled in the 111-112 series will have two periods of language laboratory each week. A lab fee is required.

GR 111-112 — Elementary German. Cr. 4-4 hrs. (Satisfies Humanities Requirement)

Stresses grammar and basic skills; listening, speaking, reading and writing; the class meets daily, with three hours of lecture and two periods of lab each week. See core curriculum.

GR 211-212 — Intermediate German. Cr. 3-3 hrs. (Satisfies Humanities Requirement)

Continues the study of grammar and language, and stresses effective reading. Prerequisite: GR112, two year of high school German or permission of the instructor.

SP 111-112 — Elementary Spanish. Cr. 4-4 hrs. (Satisfies Humanities Requirement)

Stresses grammar and basic skills; listening, speaking, reading and writing. The class meets daily, with three hours of lecture and two periods of lab each week.

SP 211-212 — Intermediate Spanish. Cr. 3-3 hrs. (Satisfies Humanities Requirement)

Continues the study of grammar and language, and stresses effective reading. Prerequisite: SP112, two years of high school Spanish or permission of the instructor.

SP or GR 199 — Special Problems in Foreign Language. Cr. 1-3 hrs.

Prerequisite: permission of instructor.

FR 111-112 — Elementary French. Cr. 4-4 hrs. (Satisfies Humanities Requirement)

Stresses grammar and basic skills; listening, speaking, reading and writing. The class meets daily with three hours of lecture and two periods of lab each week.

FR 211-212 — Intermediate French. Cr. 3-3 hrs. (Satisfies Humanities Requirement)

Continues the study of grammar and language, and stresses effective reading. Prerequisite: FR 112 and two years of high school French or permission of the instructor.

FINE ARTS

Music

MU 101-102 — Band. Cr. 1 hr.

MU 201-202 — Band. Cr. 1 hr.

This course is 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. Admission is gained through audition or invitation of the Director of Music.

MU 103-104 — Stage Band. Cr. 1 hr.

MU 203-204 — Stage Band. Cr. 1 hr.

This course is open to all qualified students who are interested in jazz, popular, and "big band" music. Admission is gained by audition or invitation of the Director of Music.

MU 105-106 — Choir. Cr. 1 hr.

MU 205-206 — Choir. Cr. 1 hr.

This course is open to all students who are interested in singing and performing vocal music of numerous periods and styles.

MU 107-108 — Chapel Choir. Cr. 1 hr.

MU 207-208 — Chapel Choir. Cr. 1 hr.

This course is open to all students who are interested in singing and performing sacred music.

MU 110 — Applied Music Lessons. Cr. 1 hr.

This course provides private music instruction on piano, voice, and band instruments. It includes one-half hour lesson per week. Prerequisite: permission of instructor.

MU 115 — Small Ensemble. Cr. 1 hr.

This course provides a small ensemble performance experience as well as an expansion of instrumental and vocal techniques. Prerequisite: permission of instructor.

MU 120 — Fundamentals of Music Theory. Cr. 3 hrs. (Satisfies Humanities Requirement)

A study of music fundamentals including notation, rhythm, scales, intervals, and basic chord structure. Open to all students. No previous training in music is necessary.

MU 130 — Music Appreciation. Cr. 3 hrs. (Satisfies Humanities Requirement)

A basic nontechnical course in music listening and a survey of music literature from the Renaissance period to the present. Open to all students. No previous training in music is necessary.

MU 199 — Independent Study in Music. Cr. 1-3 hr.

Prerequisite: permission of instructor.

Art

AR 102 — Painting. Cr. 3 hrs.

An introduction to oil painting. emphasis on color theory and mixing, developing technique, and control of media. No prerequisite. (Material cost: approximately \$35.00) Offered in fall semester.

AR 103 — Painting. Cr. 3 hrs.

Continuation of AR102, offered in spring semester.

AR 111 — Drawing. Cr. 3 hrs.

Basic approaches to drawing. Emphasis on learning to see natural and man-made objects in contour, gesture, direction, proportion, shading. No prerequisite. Offered in fall semester.

AR 112 — Drawing. Cr. 3 hrs.

Continuation of AR111, offered in spring semester.

AR 120 — Basic Design. Cr. 3 hrs. (Satisfies Humanities Requirement)

Introduction to elements and principles of two-dimensional design. Requires completion of projects for individual portfolios. No prerequisite. Offered each semester. (Material cost: approximately \$35.00)

AR 121 — Basic Design. Cr. 3 hrs. (Satisfies Humanities Requirement)

Introduction to three-dimensional design. Requires designing and constructing individual projects. Prerequisite: AR120, or permission of the instructor. Offered in spring semester.

AR 131 — Art History. Cr. 3 hr. (Satisfies Humanities Requirement)

Survey of painting, sculpture, architecture from Paleolithic to Renaissance. Research paper required. No prerequisite required. Offered in fall semester.

AR 132 — Art History. Cr. 3 hrs. (Satisfies Humanities Requirement)

Survey of painting, sculpture, architecture from Renaissance to Modern. Research paper required. No prerequisite required. Offered each semester. (Material cost: approximately \$35.00)

DIVISION OF NATURAL SCIENCES AND MATHEMATICS

Biology

BI 101-102 — General Biology. Cr. 4-4 hr. (3-2L)

Studies the unifying principles of life; metabolism, growth, and development, behavior, evolution, and ecology. The genesis and diversity of micro-organisms, plants, and animals are stressed. Lab fee is required.

BI 199 — Special Problems in Biology. Cr. 1-3 hr.

Prerequisite: permission of instructor.

BI 201 — Plant Biology. Cr. 4 hr. (3-3L)

Delineates the structure, physiology, heredity, environmental relationships and evolution of higher plants. It is a required basic course for certain areas of study in agriculture, biology, conservation, and related fields. Lab fee required.

BI 202 — The Plant Kingdom. Cr. 4 hr. (3-3L)

Entails a detailed study of the characteristics, life cycles, and natural relationships of types representing all division of the plant kingdom. Lab fee required.

BI 211 — The Animal Kingdom. Cr. 4 hr. (3-3L)

Studies the major groups of invertebrate and vertebrate animals with an emphasis on their classification, phylogeny, and characteristics. This course is recommended for careers in biology and related fields. Prerequisites: completion of BI 101-102 or permission of instructor. Lab fee required.

BI 213 — Biology of the Invertebrates. Cr. 4 hrs. (3-3L)

Consists of a survey and comparative study of the invertebrate groups. Intensive investigation through laboratory study is required. Prerequisite: one year in biology, on either college or high school level. Lab fee required.

BI 214 — Biology of the Vertebrates. Cr. 4 hr. (3-3L)

Calls for the study of the evolution, structural patterns, functions, adaptations, ecology, and nature history of the vertebrates. Prerequisite: one year of biology, either on college or high school level. Lab fee required.

BI 216 — Human Anatomy and Physiology. Cr. 3 hr (2-2L)

Details the structure and functions of the human body. Prerequisite: one year of biology, either in college or high school. Lab fee required.

BI 221 — Microbiology. Cr. 4 hr. (2-4L)

Is an introductory study of the physiology, morphology and activities of micro-organisms. Labs will involve practice in the techniques of isolation, purification, and identification of micro-organisms. Lab fee required.

BI 232 — Principles of Ecology. Cr. 4 hr. (3-3L)

Concentrates on the origin, development and structure of natural communities as influenced by climate, soil, and the biotic factors. Prerequisite: two semesters of biology and permission of the department head. Lab fee required.

BI 241 — Genetics. Cr. 3 hr. (3-0L)

Introduces the structure, function, and transmission of hereditary factors. Prerequisites: Completion of BI101 and BI102 or permission of the instructor.

Physics**PY 111-112 — College Physics. Cr. 4-4 hr. (3-2L)**

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. Lab fee required.

PY 199 — Special Problems in Physics. Cr. 1-3 hr.

Prerequisite: permission of instructor.

PY 213-214 — Engineering Physics. Cr. 5-5 hr. (5-2L)

Is fundamental for engineers, science students, and pre-medics. First semester: mechanics, waves, thermodynamics. Second semester: electricity, optics, and modern physics. Extensive problem solving. Lab fee required. Prerequisite: calculus MA 195-196.

PY 222 — Statics. Cr. 3 hr.

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 corequisite or consent of instructor required.

Chemistry**CH 111-112 — General Chemistry. Cr. 4-4 hr. (3-3L)**

Is an introduction to the fundamental principles of theoretical and descriptive chemistry. Introduction to organic chemistry in the second semester. Corequisite: MA111 or equivalent experience. Lab fee required.

CH 113-114 — College Chemistry. Cr. 5-5 hrs. (3-3L-2R)

Is a two semester sequence which covers the basic principles of chemistry with emphasis on the theory and application of analytical, inorganic, and physical chemistry. It is composed of three lectures, one laboratory (3 hrs), and one recitation and problem session (2 hrs) per week. Lab fee required. Corequisite: MA185 or equivalent experience.

CH 199 — Special Problems in Chemistry. Cr. 1-3 hr.

Prerequisite: permission of instructor.

CH 211 — Basic Organic Chemistry. Cr. 4 hr. (3-3L)

Is a one-semester survey for students only a brief coverage of the important classes of organic compounds. Prerequisite: CH112 or 114. Lab fee required.

CH 213-214 — Organic Chemistry. Cr. 5-5 hr. (3-6L)

Is a two semester sequence with an in depth coverage of aliphatic and aromatic compounds, isomerism, structural electronics theories of reactions. Prerequisite: CH112 or 114. Lab fee required.

Geology**ES 111 — Physical Geology. Cr. 4 hr. (3-3L)**

Surveys the geologic 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. Field trips are used to supplement classroom objectives. Lab fee required.

ES 112 — Historical Geology. Cr. 4 hr. (3-3L)

Constructs the history of an evolving earth, with special reference to North America. Laboratory exercises in correlation by use of fossils and physical evidence. Field trips to points significant in earth history. Prerequisite: ES 111. Lab fee required.

ES 199 — Special Problems in Geology. Cr. 1-3 hr.

Prerequisite: permission of instructor.

Mathematics

MA 100A — Arithmetic Skills Cr. 3 hrs.*

This is a remedial course designed to prepare students lacking in arithmetic skills needed to succeed in other mathematics courses and courses using arithmetic. Arithmetic of whole numbers, fractions, mixed numbers and decimals are covered.

MA 100B — Elementary Algebra Cr. 3 hrs.*

This remedial course covers topics usually contained in a first course of algebra. In addition, basic computational skills are reviewed with a view toward showing the transition to the concept of an unknown or variable. A review of geometry is achieved by using algebraic methods. It is designed for students with little or no background in algebra and prepares students for Intermediate Algebra.

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

MA 101 — Elementary Algebra. Cr. 3 hr.

Covers a review of computational skills and shows the transition to variables. Basic algebraic manipulative skills and uses in problem solving are studied. Does not meet the math graduation requirements nor may it be counted as an elective.

MA 111 — Intermediate Algebra. Cr. 3 hr.

Studies topics in exponents, radicals, factoring, linear, and quadratic equations and inequalities, polynomials, exponential and logarithmic functions, progressions and problem solving.

MA 137 — Mathematics for Business and Social Science. Cr. 3 hr.

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. Prerequisite: MA111 or equivalent.

MA 138 — Calculus for Business and Social Science. Cr. 3 hr.

Introduces differential and integral calculus with application to business, economics, the behavioral and life sciences. Prerequisite: MA111 or equivalent.

MA 185 — College Algebra. Cr. 3 hr.

College algebra is an intensive course in algebra designed for students planning to take calculus (MA195). Topics includes functions, graphs, polynomials, rational, exponential, and logarithmic functions, conic sections, solutions of linear systems, theory of equations, inequalities. Emphasis is given to concepts and techniques needed for the effective study of calculus. Students should enroll concurrently in trigonometry (MA186). Prerequisite: MA111 or equivalent experience.

MA 186 — Trigonometry. Cr. 2 hr.

Covers trigonometric functions, trigonometric identities and equations, radian measures, inverse trigonometric functions, complex numbers, and applications. Students should enroll concurrently in college algebra (MA185).

MA 195 — Calculus I. Cr. 4 hr.

Is the first semester of a three semester sequence. The course is designed for students majoring in engineering, mathematics, computer science, the physical sciences. Topics covered include limits, the derivative, trigonometric functions, applications, curve sketching, the definite integral, applications of the definite integral. Prerequisite: a minimum grade of "C" in MA 185-186 or equivalent experience.

MA 196 — Calculus II. Cr. 4 hr.

Covers further applications of integration, logarithmic, and exponential functions, inverse trigonometric functions, hyperbolic functions, techniques of integration, infinite series, power and Taylor series. Prerequisite: a minimum grade of "C" in MA 195.

MA 199 — Special Problems in Mathematics. Cr. 1-3 hr.

Involves courses in such areas as programmable calculators, advanced computer programming, and advanced mathematics. Prerequisite: permission of instructor.

MA 241 — Introduction to Statistics. Cr. 3 hr.

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

MA 295 — Multi-variable Calculus. Cr. 4 hr.

Covers geometry in the plane and in space, conic sections, polar coordinates, parametric equations, vectors, vector-valued functions, functions of several variables, partial differentiation with applications, multiple integration with applications, vector analysis. Prerequisite: a minimum grade of C in MA196.

ME 145 — Engineering Graphics. Cr. 3 hr.

Introduces engineering graphical methods and disciplines with emphasis on basic principles and applications. Topics include technical drawing and design, orthographic projection, axonometric drawing, and descriptive geometry. Lab fee required. Does not meet math requirements for graduation.

CS 151 — BASIC Programming. Cr. 3 hr.

Utilizes BASIC, a computer programming language, in the writing and running on the computer of programs that solve problems from science, math, engineering, and business. The normal topics are covered in addition to random numbers, single and double subscripted arrays, user defined functions, and an introduction to sequential and random access files. Emphasis is given to structured and documented programs. The computers available are the VAX 11/750 minicomputer with remote terminals and the Apple IIe microcomputer. Lab fee required. Prerequisite: MA111 or equivalent.

CS 161 — Fortran. Cr. 3 hr.

Is an in-depth study of the computer programming language FORTRAN. Emphasizes using the language in the solution of scientific problems. Requires the student to write and run several programs. Offered alternate years. Lab fee required. Prerequisite: CS151 or consent of instructor.

CS 171 — Pascal Programming. Cr. 3 hr.

Covers the high level programming language PASCAL. Emphasis is placed on logically structured, well-documented computer programs using algorithms and data structures. Lab fee required. Prerequisite: CS151.

CS 199 — Special Problems. Cr. 1-3 hr.

Prerequisite: permission of instructor.

CS 251 — Advanced BASIC Programming. Cr. 3 hr.

Extends programming concepts learned in a first BASIC programming course. Emphasis is placed on style, documentation and structured methods. Topics covered include manipulations, file access techniques, file structures, sorting and searching techniques, descriptor tables, lashed files. Lab fee required. Prerequisite: CS 151.

DIVISION OF SOCIAL SCIENCE AND BUSINESS ADMINISTRATION

History**HI 101-102 — Development of Western Civilization. Cr. 3-3 hr.**

Is a study of the social, economic, political, philosophical, and aesthetic development of humans from antiquity to the end of the Medieval period. Second semester studies human's history from 1500 A.D. to modern times. This course attempts to have students understand the parallels between past history and contemporary history to better comprehend the political and social realities of the contemporary world situation.

HI 110 — American Military History. Cr. 3 hr.

Is a study of the development of American military institutions, policies, experiences, and traditions in peace and war from colonial times to the present. Emphasis is placed on 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: MS101, MS102, MS201, or MS202.

HI 211-212 — History of the United States. Cr. 3-3 hr.

During the first semester, a survey of American history based on the political, economic, social, and cultural development of the United States from colonial beginnings through 1865. During the second semester, it is a study of the history of the United States from the beginning 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. HI211 and HI212 are graduation requirements.

HI 211-212 (Honors) — United States History. Cr. 3-3 hr. (Satisfies Social Science Requirements)

Surveys in multidisciplinary fashion the political, cultural, intellectual, and aesthetic history to 1865 during the first semester. During the second semester, the course surveys United States history since 1865 in similar fashion. The course is given as a seminar for selected students interested in studying history in more depth.

HI 221 — American Military Experience. Cr. 3 hr.

Is an intensive study of the United States military institutions, policies, and experiences from the colonial period to the present. Special emphasis is placed upon the relationship between the military and American society as well as the role of the military in foreign affairs.

HI 261 — History of New Mexico. Cr. 3 hr.

Surveys the political, economic, social, and cultural development of the state. Special emphasis is placed upon the multi-cultural aspects of the state's development.

HI 280 — Latin American History. Cr. 3 hr.

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.

Political Science

GV 111 — United States Government. Cr. 3 hr. (Satisfies Social Science Requirement)

An analysis of the national constitution, political process, presidency, congress, judiciary, and the formation of foreign policy.

GV 214 — Comparative Politics and Government. Cr. 3 hr. (Satisfies Social Science Requirement)

An overview of the spectrum of world politics and government. Concepts emphasized include democracy (conservative capitalism and democratic liberalism), socialism, communism, and fascism.

GV 220 — State and Local Politics and Government. Cr. 3 hr. (Satisfies Social Science Requirement)

A study of the process of conflict resolution at the state and local level. Emphasis is on the changes brought about by urbanization, suburbanization, 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.

Psychology

PS 101 — General Psychology. Cr. 3 hr. (Satisfies Social Science Requirement)

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. Emphasis in this course is on effective life adjustment in a complex, paradoxical social environment.

PS 211 — The Psychology of Adjustment. Cr. 3 hr. (Satisfies Social Science Requirement)

Explores concepts of mental health and illness, adjustment problems and processes. Prerequisite: PS101.

PS 199 — Special Problems in Psychology. Cr. 3 hr.

Prerequisite: permission of instructor.

Sociology

SO 101 — Introduction to Sociology. Cr. 3 hr. (Satisfies Social Science Requirement)

Is a study of the nature and structure of human societies. The course stresses sociological methodology, terminology, key concepts such as culture, socialization, social stratification, collective behavior and social institutions. The course is designed to give the students a sociological understanding of contemporary American society in a rapidly changing world.

SO 201 — Contemporary Social Problems. Cr. 3 hr. (Satisfies Social Science Requirement)

Analyzes and studies contemporary social problems, their causes, possible solutions, and how they affect human behavior. The problem areas of crime, population, the ecological crisis, racism, alienation, poverty, urbanization, and mass media are studied from the various sociological models or social problems. Prerequisite: SO101 or permission of instructor.

SO 210 — Contemporary Marriage and Family. Cr. 3 hr. (Satisfies Social Science Requirement)

Is a study of 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. Prerequisite: SO101 or permission of instructor.

SO 199 — Special Problems in Sociology. Cr. 1-3 hr.

Prerequisite: permission of instructor.

Philosophy

PH 111 — Introduction to Philosophy. Cr. 3 hr. (Satisfies Humanities Requirement)

Is familiarization with the philosophical approach; study of philosophical problems of historical significance. Includes critical study of works of important philosophers and representative philosophic areas, aimed at developing theories of formal analysis.

PH 120 — World Religions. Cr. 3 hr. (Satisfies Humanities Requirement)

Is a historical survey of the great world religions with a rational analysis of the concepts of God, creation, man, scripture and ethics presented. Religious movements, to be discussed include: Islamic, Hinduism, Buddhism, Taoism, Confucianism, Judaism and Christianity.

PH 201 — Ethics. Cr. 3 hr. (Satisfies Humanities Requirement)

Introduces the concepts and methods of moral philosophy. Students are taught how to analyze and evaluate current moral problems as well as being introduced to the major systems of the occident.

PH 202 — Logic. Cr. 3 hr. (Satisfies Humanities Requirement)

A basic introduction to the concepts and analytical tools of material logic and formal deductive logic. Major emphasis is placed on the Aristotelian rules for categorical syllogisms and on analyzing common arguments made in daily life.

PH 199 — Special Problems of Philosophy. Cr. 1-3 hr.

Prerequisite: permission of instructor.

Geography

GO 102 — Economic Geography. Cr. 3 hr. (Satisfies Social Science Requirement)

A study of the patterns of distribution, production, and consumption of the world's goods, with emphasis on both geographic location of agricultural, industrial, and extractive production and interregional relationships. Field trip. Recommended for business majors.

GO 250 — Geography of South America. Cr. 3 hr. (Satisfies Social Science Requirement)

Regional study of the physical, cultural, and economic geography of South America.

Anthropology

AN 101 — Introduction to Cultural Anthropology. Cr. 3 hr. (Satisfies Social Science Requirement)

The origin and development of culture, with emphasis on the study of economics, kinship, politics, religion, and folklore.

Law Enforcement

LE 101 — Introduction to Law Enforcement Cr. 3 hr. (Satisfies Social Science Requirement)

Is an introduction to the police role in the criminal justice system. Emphasis is placed on the enforcement needs of the community, primary police functions, professional aspects of criminal justice, and career opportunities.

LE 102 — Administration of Justice. Cr. 3 hr. (Satisfies Social Science Requirement)

Is a comprehensive analysis of the principles and procedures of the criminal justice system from the time of arrest to release from custody. Emphasis is placed on legal foundation, the functions of each component of the criminal justice system, and the processes and trends within the system.

LE 201 — Criminal Justice I. Cr. 3 hr. (Satisfies Social Science Requirement)

Is an introductory study of the law of criminal procedure. Emphasis is placed on Constitutional considerations affecting arrest, search and seizure, custody, interrogation, and other aspects of police responsibility and authority.

LE 202 — Criminal Justice II. Cr. 3 hr. (Satisfies Social Science Requirement)

Is a comprehensive analysis of the fundamentals of substantive criminal law. Emphasis is placed on the historical development of criminal law, classification of crimes, and Constitutional guarantees provided by law.

LE 199 — Special Problems in Law Enforcement. Cr. 1-3 hr.

Prerequisite: permission of instructor.

Business Administration

BA 101 — Beginning Typing. Cr. 3 hr.

Introduces the keyboard and principal parts of the word processing typewriter. Emphasis on typing letters, classroom assignments, and term papers. Not for students who have received credit for a similar course. Fee required.

BA 102 — Intermediate Typing. Cr. 3 hrs.

Is a continuation of BA101. Use of the word processor in the presentation of business information and formal business statements. Emphasis on improving accuracy and speed, as well as efficiency in the use of time. Fee required. Prerequisite: BA101 or equivalent.

BA 111 — Introduction to Business. Cr. 3 hr.

Is a general survey of 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.

BA 113 — Principles of Accounting I. Cr. 3 hr.

An introductory course designed to furnish a general knowledge of accounting principles and procedures. Examination of present accounting theory and practices with applications to the sole proprietorship.

BA 114 — Principles of Accounting II. Cr. 3 hr.

A continuation of BA 113. Application of theory and practice to partnership and corporations, manufacturing operations, cost determination, financial statement analysis and Federal tax considerations. Prerequisite: BA113.

BA 123 — Business Machines. Cr. 2 hr.

Emphasizes instruction and practice on machines used in the business environment. Machines include ten-key adding machines, electronic and printing calculators, and duplicator/reproducing equipment. Fee required.

CS 117 — Computer Concepts. Cr. 3 hr. (See also CS151 in Math Section)

Studies development of data processing, machine languages; writing of simple programs. Microcomputer and mainframe terminals are extensively used for instruction of application techniques. Lab fee required.

CS 251 — Programming Techniques. Cr. 3 hr.

Using computer languages already learned, the student will apply his/her knowledge to programming situations. Students will learn to effectively utilize peripheral devices, take advantage of "packaged" sub-routines, and in general, become an efficient programmer. Lab fee required. Prerequisite: BA151.

BA 199 — Special Problems in Computer Concepts. Cr. 3 hr.

Studies the utilization of the power the computer has to offer. Topics include stored program concepts, peripheral devices, flow charting and an introduction to the BASIC computer language with emphasis on problem solving applications in the business environment. Lab fee required.

BA 201 — Principles of Management. Cr. 3 hr.

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

BA 202 — Business Law. Cr. 3 hr.

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

BA 204 — Principles of Finance. Cr. 3 hr.

Overviews problems in acquiring, allocating, and controlling the use of funds in business enterprise; promotion, capital, dividend policies, receivership and reorganization. Prerequisite: BA111.

BA 205 — Introduction to Marketing. Cr. 3 hr.

Studies the role of marketing in society and in the economy and the business firm as a marketing system. Management of the firm's marketing effort and competitive strategy. Prerequisite: BA111.

EC 211 — Principles and Problems of Micro-Economics. Cr. 3 hr. (Satisfies Social Science Requirement)

A description of the economic system governing the productive apparatus; identification of underlying social and economic goals, examination of money and credit systems; theory of national income, employment, and economic growth.

EC 212 — Principles and Problems of Micro-Economics. Cr. 3 hr. (Satisfies Social Science Requirement)

A continuation of EC211, with emphasis on the micro-economics description of firms, markets, and pricing systems; the economics of pollution controls and individual groups of society. Study of comparative economic systems. Desirable prerequisite: EC211.

DIVISION OF STUDENT ASSISTANCE

RD 100A — Reading/Study Skills Cr. 3 hr.*

Required of students whose ACT scores and reading scores are not acceptable. Meets three hours per week — additional lab time is required. The instructor makes an individual diagnosis on each student enrolled and prescribes a program of study for each. Letter grades are given and included in GPA. Transcript credit only; does not count toward our degree.

RD 100B — Study Skills. Cr. 1 hr.*

Required of students whose ACT scores and reading scores are not acceptable. Meets three hours per week. A course for students who need to improve their study management, mechanics of doing research, test taking, remembering what has been read, etc. Letter grades are given and included in GPA. Transcript credit only; does not count toward our degree.

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

RD 111 — Ex Libris Developmental/Analytical Reading. Cr. 1 hr.

A course in reading improvement, including basic and advanced methods for text books. All reading techniques and skills are developed to achieve flexibility, efficiency, and speed. Particular emphasis is placed on reading for critical evaluation. Grade: S or U for transcript, not included in GPA. Extra fee.

RD 199 — Ex Libris ACT/SAT Review. Cr. 0 hr.

A course for students who will be taking the Scholastic Aptitude Test or the American College Test who feel motivated to enter a program designed to gain facility and practice in taking such testing processes. Covers verbal areas of synonyms, antonyms, analogies, vocabulary, syntax, and grammar as well as reading in social sciences and natural science. A complete series of problems in mathematics, including algebra and geometry found on the tests. Grade: S or U for transcript, not included in GPA. Extra fee.

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION

Physical Education Activity Courses. Cr. 1 hr. each

Stresses individual sports with carry-over value for a lifetime.

No.	Course	No.	Course
100	Racquetball	115	Wrestling
101	Basic Fitness	117	Personal Defense (Judo)
102	Weight Training	118	Personal Defense (Karate)
103	Jogging	119	Cycling
104	Beginning Basketball	122	Archery
105	Beginning Golf	123	Flickerball and Flag Football
106	Beginning Tennis	199	Equitation
107	Beginning Swimming	202	Kayaking
108	Badminton	205	Advanced Rescue
109	Modern Dance	207	Gymnastics and Tumbling
110	Soccer and Speedball	210	Backpacking
111	Volleyball and Softball	211	Advanced Golf
		213	Advanced Tennis

PROFESSIONAL PREPARATION OF PHYSICAL EDUCATION AND RECREATION OFFERINGS

Designed for the prospective Physical Education/Recreation major or minor.

PE 171 — Personal and Community Health. Cr. 3 hr.

Includes a broad overview of the home, school, and community health problems.

PE 173 — First Aid. Cr. 2 hr.

Covers the American Red Cross course, including the study of techniques necessary in first aid for athletic events.

PE 199A - 199B — Beginning Equitation. Cr. 1-1 hr.

This course is designed to teach the fundamentals of correct horse care. To understand the horse, physically and mentally. To teach the fundamentals of good riding; correct position and the physical qualities required for it. This course will be offered at different levels, adjusted to meet the needs of the students from beginner to advanced. Lab fee required.

PE 229 — Fundamentals of Athletic Training. Cr. 3 hr.

Covers the diagnosis and treatment of athletic injuries with training techniques and uses of support materials to prevent athletic injuries, the diagnosis and treatment of those injuries, stressing utilization of supporting apparatus, hydrotherapy, physiotherapy, bandaging, and massage.

PE 232 — Introduction to Recreation. Cr. 3 hr.

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.

PE 234 — Water Safety Instruction. Cr. 3 hr.

Is designed to give the student the skills and knowledge necessary to teach Red Cross Swimming and Water Safety courses. Students who satisfactorily complete the course are certified as Red Cross Water Safety Instructors. The course credit includes one hour activity PE, plus two hours academic credit. All students must satisfactorily pass prerequisite water test. Satisfies one hour for PE activity.

PE 237 — Skin and Scuba Diving. Cr. 3 hr.

Course work includes both water skills and academic knowledge that will enable the student to handle himself and his equipment in a manner that is safe for the diver and those who dive with him. Prerequisite: WSI qualification. Satisfies one hour for PE activity.

PE 240 — Current Issues in Leisure Behavior. Cr. 3 hr.

Will provide the student an opportunity to study in-depth areas of particular interest.

PE 264 — Foundations of Physical Education. Cr. 3 hr.

Provides a broad overview of the value of physical education. Topics discussed are career opportunities, methods and evaluations of the physical education program, including history, aims, and objectives.

PE 265 — Recreating in Voluntary and Youth-Serving Organizations. Cr. 3 hr.

Designed to provide the student with a background and working knowledge of these organizations through both classroom study and actual experience working with one or more of the programs.

MILITARY SCIENCE**MS 101-102 — Military Science I. Cr. 2-2 hr.**

Introduction to the organization and mission of the U.S. Army, first aid, map reading, communication, customs, and courtesies of the Service.

MS 201-202 — Military Science II. Cr. 2-2 hr.

Leadership, small unit tactics, history of the U.S. Army, military instruction, and the threat.

MS 301-302 — Military Science III. Cr. 3-3 hr.

Leadership, methods of instruction, map reading, small unit tactics, and communications.

MS 401 — Military Science IV. Cr. 3 hr.

Ethics and professionalism, training management, threat army, drill, and ceremonies.

MS 402 — Military Science IV. Cr. 3 hr.

Written and oral communication, military justice, international law, command and staff functions, professional knowledge, drill, and ceremonies.

HI 110 — American Military History. Cr. 3 hr.

This course may be taken in lieu of one of the following courses: MS101, MS102, or MS202. See description listed under Social Science.

HIGH SCHOOL COURSES**DIVISION OF HUMANITIES****English****EN 011 — English 1A. Cr. ½ unit**

The long range goal of this course is to improve and develop the student's skills in reading, writing, listening, speaking, and critical thinking through the study of the language and its structure, composition, and literature. The course will include the student of vocabulary, spelling, grammar, and composition in addition to reading from the literature book and two outside readings. It will emphasize the expression of ideas through oral discussion and writing. There will be a minimum of eight compositions of different types throughout the semester.

EN 012 — English 1B. Cr. ½ unit

This course is a continuation of English 1A. The long range goal of this course is to improve and develop the student's skills in reading, writing, listening, speaking, and critical thinking through the study of the language and its structure, composition, and literature. The course will include the study of vocabulary, spelling, grammar, and composition in addition to readings from the literature book and two outside readings. It will emphasize the expression of ideas through oral discussion and writing. There will be a minimum of six compositions of different types throughout the semester.

EN 021 — English 2A. Cr. ½ unit

The first half of an integrated program with emphasis on specific writing assignments and development of communication skills; vocabulary development; extensive writing practice.

EN 022 — English 2B. Cr. ½ unit

A continuation of English 2A with emphasis on thematic approach to literature; critical writing; and continued writing practice.

EN 031 — English 3A. Cr. ½ unit

The first half of an integrated program with specific emphasis on the development of the whole composition; library work; American English; and vocabulary development.

EN 032 — English 3B. Cr. ½ unit

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

EN 033-034 — English as a Second Language (ESL). Cr. 1-1 unit.

An intensive one year English course in listening, speaking, reading, and writing for foreign students. Class meets in multiple sessions daily for audio-visual drills and practical study of grammar, composition, and oral English.

EN 041 — English 4A. Cr. ½ unit

The first half of an integrated program with specific emphasis on language and logic; preparation for college entrance exams; refinement of writing skills through extensive writing practice; documental library paper; and vocabulary development.

EN 042 — English 4B. Cr. ½ unit

A continuation of English 4A with specific emphasis on a thematic approach to western literature; a critical paper; continued writing practice.

EN 099 — English Trailer. Cr. ½ unit

This course is designed as an ungraded course of make up for students who are lacking a semester of high school English. A student may take this course only twice.

EN 9900 — Three Great American Authors: Directed Study. Cr. ¼ unit

By permission of instructor.

EN 9901 — The Short Story: Directed Study. Cr. ¼ unit

By permission of instructor.

EN 9902 — Southwestern Literature: Directed Study. Cr. ¼ unit

By permission of instructor.

SH 061 — Speech. Cr. ½ unit

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

Foreign Languages

Registration Instructions:

- a. Credit will not be allowed for language courses taken prior to ninth grade.
- b. Students with no previous language courses will enroll in 1A.
- c. See the head of the Language Department for special placement.
- d. Two years of one foreign language are required for graduation.

Language Laboratory

Each student in high school levels 011-012 will have one period in the language laboratory each week. A lab fee will be charged.

GR 011-012 — German 1A and 1B. Cr. ½-½ unit

Stresses the acquisition of basic skills; listening, speaking, reading, and writing. The essentials of grammar are explained and practiced.

GR 021-022 — German 2A and 2B. Cr. ½-½ unit

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

GR 033-034 — German 3A and 3B. Cr. ½-½ unit

An independent study course in developmental reading and writing in German. Prerequisite: German 021-022 or permission of instructor.

SP 011-012 — Spanish 1A and 1B. Cr. ½-½ unit

Stresses the acquisition of basic skills; listening, speaking, reading, and writing. The essentials of grammar are explained and practiced.

SP 021-022 — Spanish 2A and 2B. Cr. ½-½ unit

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

SP 031-032 — Spanish 3A and 3B. Cr. ½-½ unit

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

SP 041-042 — Spanish 4A and 4B. Cr. ½-½ unit

A reading and discussion course. Spanish and Spanish-American literature serves as the basis for discussion. Oral and written reports are required. Grammar questions are addressed when necessary.

FR 011-012 — French 1A and 1B. Cr. ½-½ unit

Stresses the acquisition of basic skills; listening, speaking, reading, and writing. The essentials of grammar are explained and practiced.

FR -21-022 — French 2A and 2B. Cr. ½-½ unit

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

Music**MU 011-012, 021-022, 031-032, 041-042 — Band. Cr. ¼ unit per semester**

This course is 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. Admission is gained through audition or invitation of the Director of Music.

**MU 013-014, 023-024, 033-034, 043-044 — Stage Band.
Cr. ¼ unit per semester**

This course is open to all qualified students who are interested in jazz, popular, and "big band" music. Admission is gained by audition or invitation of the Director of Music.

**MU 017-018, 027-028, 037-038, 047-048 — Choir.
Cr. ¼ unit per semester**

This course is open to all students who are interested in singing and performing vocal music of numerous periods and styles.

**MU 051-052, 061-062, 071-072, 081-082 — Chapel Choir.
Cr. ¼ unit per semester**

This course is open to all students who are interested in singing and performing sacred music.

**MU 01A-01B, 02A-02B, 03A-03B, 04A-04B — Applied Music Lessons.
Cr. ¼ unit per semester**

This course provides private music instruction on piano, voice, and band instruments. It includes one-half hour lesson per week. Prerequisite: Permission of instructor.

**MU 091-092, 093-094, 095-096, 097-098 — Small Ensemble
Cr. ¼ unit per semester**

This course provides a small ensemble performance experience as well as an expansion of instrumental and vocal techniques. Prerequisite: Permission of instructor.

Art**AR 011 — Art 1A. Cr. ½ unit**

Introduction to two-dimensional art: drawing, painting, design, lettering, and printmaking. No prerequisite. Course is offered each semester.

AR 012 — Art 1B. Cr. ½ unit

Projects in three-dimensional design: paper sculpture, architectural model construction. Individual projects in final four weeks. Prerequisite: AR011 or permission of the instructor. Course is offered in spring semester only.

DIVISION OF MATHEMATICS AND NATURAL SCIENCES

Biology

BI 021-022 — Biology 1. Cr. ½-½ unit

Involves a study of plants and animals. Stresses the nature of scientific data. Laboratory work uses the metric system, the compound microscope, live organisms, dissection of plants and animals, student investigations, and teacher demonstrations. Lab fee required.

Physics

PY 031-032 — Physics. Cr. ½-½ unit

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 year sequence course. Includes demonstrations and outside reference readings. Lab fee required. Prerequisite: MA021-022 MA023-024.

ES 031-032 — Earth Science. Cr. ½-½ unit

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 survey of geology with extensive laboratory work in geologic processes. Lab fee required.

Chemistry

CH 031-032 — Chemistry. Cr. ½-½ unit

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, the course is ideally designed for college preparatory students and is a year sequence course. Lab fee required. Prerequisite: MA 021-022 with a minimum grade of "C".

Mathematics

MA 021-022 — Algebra 1. Cr. ½-½ unit

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

MA 023-024 — Geometry. Cr. ½-½ unit

Covers theorems, construction, practical applications of geometry to everyday living, circles, the measurement of angles and area, proportions, and similar polygons. Prerequisite: MA021-022.

MA 033-034 — Algebra II. Cr. ½-½ unit

Reviews first year algebra. Extends on to numerical and literal quadratic equations, logarithms, and the use of logarithmic tables in the solution of right triangles, arithmetic and geometric series, the binomial theorem. Prerequisite: MA023-024. (Algebra II is the equivalent of Mathematics A2, quadratics and beyond, as designed by the College Entrance Examination Board).

MA 042 — Plane Trigonometry. Cr. ½ unit

Considers functions of acute angles; logarithms, solutions of right triangles, graphing of functions, identities, general triangles, applications of trigonometry to algebra. Stress is on applied problems. Prerequisite: MA033-034.

MA 061 — Calculus A. Cr. ½ unit

Covers limits, derivatives of algebraic and trigonometric functions, related rates, optimization, curve sketching, antiderivatives, the definite and indefinite integral, area, volumes of revolution, arc length, surface area. Prerequisite: MA033-034 and MA 042 with better than average grades.

MA 062 — Calculus B. Cr. ½ unit

Covers applications of integration, logarithms and exponential functions, inverse trigonometric functions, hyperbolic functions, techniques of integration, infinite series, power and Taylor series. Prerequisite: minimum grade of C in MA061.

ME 051 — Mechanical Drawing. Cr. ½ unit

Includes use of instruments, lettering plates, geometrical construction, drawing conventions, oblique projections, free hand sketching, detail and assembly drawing, development, and blueprint. Five regular periods a week. Does not meet mathematics requirements. Lab fee required. Prerequisite: MA 023-024.

CS 051 — Computer Science. Cr. ½ unit

Introduces programming through the language BASIC. Emphasis is given to structured programs and documentations. Topics covered include the usual topics as well as single and double subscripted arrays, the bubble sort, and a brief introduction to sequential and random access files. The computers used are the VAX 11/750 and Apple IIe. Lab fee required.

CS 071 — PASCAL Programming. Cr. ½ unit

Covers the high level programming language PASCAL. Emphasis is placed on logically structured, well-documented computer programs using algorithms and data structures. Prerequisite: CS051 or equivalent experience. Lab fee required.

DIVISION OF SOCIAL SCIENCE AND BUSINESS ADMINISTRATION

Social Science

HI 011-012 — World History. Cr. ½-½ unit

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

HI 021-022 — United States History. Cr. ½-½ unit

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 of Reconstruction to the present.

HI 031 — History of New Mexico. Cr. ½ unit

Surveys the political, economic, social, and cultural development of the State.

GV 031 — American Government. Cr. ½ unit

Introduces fundamental concepts of federal, state, and city government; political ideals and standards of political morality in our democracy compared to contrasting ideologies.

PS 041 — Psychology. Cr. ½ unit

Studies motivation and behavior patterns and the complex influences in our culture. Designed to encourage a scientific examination of human nature.

GO 021 — Geography and Current History. Cr. ½ unit

Includes a comprehensive study of the physical, cultural, and political geography of the world today, focusing attention upon areas of conflict on the international scene.

SO 042 — Sociology. Cr. ½ unit

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

Business Administration

BA 021-022 — Typing. Cr. ½-½ unit

Studies the location and manipulation of the keyboard, principal parts of the keyboard and their use, and the study of the business letter, term papers, and other special forms. The Apple IIc word processor is used. Lab fee required.

BA 031-032 — Bookkeeping. Cr. ½-½ unit

Studies debit and credit as used in the journal and ledger, special journals, worksheets, and financial statements for closing books for a small business, partnership, and corporation; bookkeeping principles of budgeting; business law; economics; taxation. A practice set of business papers is required.

BA 035 — General Business. Cr. ½ unit

Provides a basic understanding of the functions of business organizations with 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.

BA 042 — Business Machines. Cr. ½ unit

Includes the use and operation of word processor (Apple IIc); 10-key adding machine, calculator, and ditto machine. Fee required.

BA 051 — Economics. Cr. ½ unit

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

BA 052 — Introduction to Data Processing. Cr. ½ unit

Studies the development of data processing, examination of machine languages, and the writing of simple computer programs. Lab fee required.

PHYSICAL EDUCATION

PE 011, 012, 021, 022 — Basic Concepts of Physical Education. Cr. ¼ unit each

Designed for fifth class cadets, stressing the what, why, and how of physical fitness.

PE 031, 032, 041, 042 — Exploring Lifetime Sports. Cr. ¼ unit each

Designed to introduce the third and fourth class cadets to many individual sports with lifetime carry-over value.

LEADERSHIP DEVELOPMENT TRAINING

Military training, offered through the Junior ROTC Program, is a cooperative effort contractually agreed to by the United States Army and the New Mexico Military Institute as a means of providing high school cadets opportunities for leadership development in the interest of national security.

LD 011-012 — Leadership Development 1. Cr. ¼-¼ unit

The introduction to Leadership Development course consists of subcourses 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.

LD 021-022 — Leadership Development 2. Cr. ¼-¼ unit

Intermediate Leadership Development consists of subcourses in: Intermediate Leadership, Drill and Ceremonies, Intermediate First Aid, Intermediate Map Reading, Intermediate Techniques of Oral Communications, Intermediate Marksmanship and Safety, the United States Army, People, Places, and Times, Service/ ROTC Opportunities, the Role of the Army, and Introduction to Leadership Development 3.

LD 031-032 — Leadership Development 3. Cr. ¼-¼ unit

Applied Leadership Development 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.

LD 041-042 — Leadership Development 4. Cr. ¼-¼ unit

Advanced Leadership Development offers sub-courses in: Military Occupational Speciality (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.

DIVISION OF STUDENT ASSISTANCE

RD 051 — Ex Libris Development/Analytical Reading. Cr. ¼ unit

A course in reading improvement, including basic and advanced methods for text books. All reading techniques and skills are developed to achieve flexibility efficiency, and speed. Grade: S or U for transcript, not included in GPA. Extra fee.

RD 052-053 — Corrective Reading. Cr. ¼-¼ unit

Required for students whose placement test scores fall below the thirteenth percentile. One or two semesters, depending on progress; films and other aids employed; stress on basic reading skills; some attention to study methods. Grade: S or U for transcript, not included in GPA.

RD 054-055 — Reading/Study Skills. Cr. ½-½ unit

Required for students admitted on academic probation. Class meets five times per week. The instructor makes an individual diagnosis on each student enrolled and prescribes a program of study for each. Letter grades are given and included in GPA.

RD 099 — Ex Libris ACT/SAT Review. Cr. 0 unit

A course for any high school student who will be taking the Preliminary Scholastic Aptitude Test, the Scholastic Aptitude Test, or the American College Test who feels motivated to enter a program designed to gain facility and practice in taking such testing processes. Covers verbal areas of synonyms, antonyms, analogies, vocabulary, syntax, and grammar as well as reading in social science and natural science. A complete series of problems in mathematics including algebra and geometry found on the tests. Grade: S or U for transcript, not included in GPA. Extra fee.



ROTC PROGRAM

New Mexico Military Institute offers four years of Army Junior ROTC in the high school and a two year Basic Course or Advanced Course of Senior ROTC in the college. The curriculum of both the high school and college programs is administered by the Military Science Department (MSD) 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, drills, parades, reviews, ceremonies, inspections, and practical training exercises germane to the ROTC program.

In addition to Military Science (MS) courses, requirements for the Army commission include completion of an undergraduate course in three separate fields of study; written communications, human behavior, and military history. Two additional fields, management and national security, are strongly recommended. The Professor of Military Science (PMS) may defer the military history (HI221) requirement for commissioning at the New Mexico Military Institute if the student can demonstrate that taking HI221 will adversely affect the acquisition of the associate degree at the Institute. In any case, all Professional Military Education (PME) requirements must be completed prior to the completion of the baccalaureate degree. Many colleges do not offer military history; hence, its waiver at the New Mexico Military Institute is not recommended. The same caution applies to non-contract cadets who plan on entering a four year ROTC commissioning program.

ARMY ROTC ADVANCED COURSE

General: This course at New Mexico Military Institute permits a junior college student to complete all the requirements for a U.S. Army commission and, unique to the Military Junior college (MJC) program, be commissioned in only two years. The program consists of the following major phases:

Basic ROTC Camp: The ROTC Basic Camp is a six week camp operated by the U.S. Army at Fort Knox, Kentucky, during the summer preceding entrance at the New Mexico Military Institute as a college freshman. Applications for attendance must be made to the PMS prior to the 15th of April to permit adequate time for processing. Attendance at Basic Camp incurs no obligation, but students are strongly encouraged to enroll in the Advanced Course upon arrival at the Institute.

In accordance with Army regulations and with the specific approval of the PMS, it is possible to waive the Basic Camp requirement for participation in the Advanced Course program based on prior accredited JROTC training or for active duty with any of the Armed Forces.

Advanced ROTC Camp: The ROTC Advanced Camp is a six week camp operated by the U.S. Army at Fort Riley, Kansas. Attendance is scheduled for advanced course cadets during the summer between the student's freshman and sophomore years. Students 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 students who meet the following qualifications:

Academics: Have an acceptable score on either the ACT or SAT college entrance exam (ACT composite of 17 and above and/or SAT total of 850 and above) and be a high school graduate with a minimum GPA of 2.00 on the 4.0 scale or equivalent (C average).

Age: More than 18 years and able to complete the program before reaching age 28.

Physical: Pass a standard Army or service academy physical examination.

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 student a commission in the Army Reserve provided the cadet satisfactorily completes the prescribed course of ROTC instruction. In turn, the student agrees to serve on active duty as a commissioned officer for four years plus four years with the Army Reserve. The student 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. A student does not incur any type of obligation by attending the basic camp but may make the decision to contract for the ROTC advanced course program before leaving camp or when the student begins the fall semester at the New Mexico Military Institute.

Monetary Considerations: A contract student receives the following allowances:

Subsistence: \$100 per month while enrolled in college during the cadet's freshman and sophomore years at New Mexico Military Institute (nine month school year). Ten months per year for a total of 20 months maximum.

Uniform Commutation: Approximately \$950.

Basic Camp: Transportation is provided or travel expenses are reimbursed; food, clothing, and housing are provided, and the student is paid approximately \$600 for the six week camp.

Advanced Camp: Transportation is provided or travel expenses are reimbursed; food, clothing, and housing are provided, and the student is paid at the same rate (approximately \$650) as a cadet at the U.S. Military Academy for the six week period of camp.

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 with the National Guard or Army Reserve while in the Advanced Course. These cadets attend monthly drills with their units and two weeks of training in the summer either with their unit or another unit at a time that does not interfere with Advanced Camp.

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 are then deferred up to three years to obtain their baccalaureate degree. During these three years they may affiliate with National Guard or Army Reserve units as a second lieutenant (earning approximately \$3000 per year) without affecting their ROTC status for active duty or receiving a Regular Army Commission when they receive their baccalaureate degree. They may also elect not to affiliate.

Baccalaureate Degree: Upon receipt of the baccalaureate degree, a reserve officer from the MJC program may go on active duty for four years or request active duty for training (three to six months) and subsequent reserve force duty.

Regular Army Commission: Advanced 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 Student (DMS). If they retain their rating until obtaining a baccalaureate degree, they must be designated a Distinguished Military Graduate (DMG). DMGs are eligible to apply for commissioning as second lieutenants in the Regular Army rather than the Army Reserve.

ARMY ROTC BASIC COURSE

College students not qualified for participation or who elect not to contract in the advanced course program (MSIII, MSIV) will be enrolled in the non-contract ROTC Basic Course (MSI, MSII). This program prepares students for advanced ROTC participation in their final two years of college. Army three and four year scholarship winners follow the basic course into the advanced course program. They take MSI and MSII at New Mexico Military Institute and MSIII and MSIV at a college of their choice offering Army ROTC. These cadets participate at New Mexico Military Institute in classroom instruction and practical field training exercises. Participants in the USMC Platoon Leaders Course (PLC) also take the basic course program at the Institute. There is no military obligation incurred by taking the basic course.

JUNIOR ROTC (High School)

All high school cadets participate in the Junior ROTC program. Non-English speaking foreign cadets in their first semester at the New Mexico Military Institute spend their first semester taking an intensive English course to improve their language skill. Junior ROTC consists of leadership development courses 1 through 4 which coincide with the year the high school cadet enters the program and not the year the student is in high school.

SERVICE ACADEMIES

The above programs may be taken by service academy aspirants while at the same time continuing service academy applications. The Army may release non-scholarship contract students from the ROTC program to enter any service academy. Senior ROTC cadets (college) are also eligible for nomination to the U.S. Military Academy without regard to quotas. High school cadets at the New Mexico Military Institute are eligible to compete for Honor Military School nominations to the principal service academies.

ARMY ROTC SCHOLARSHIPS

The U.S. Army has authorized the PMS to process, two, three, and four year Army ROTC scholarships. Students may also compete at the basic camp for two year scholarships for use at MJC's only.

Four year scholarship winners (except engineering and nursing) may use the first two years of their scholarship at the New Mexico Military Institute and then transfer their last two years to a four year school with Army ROTC. This allows them to get exposure to both the disciplined military environment of a military junior college and the more permissive environment of a four year school while concentrating on their academic major. Competition for basic camp two year scholarships is based not only on the candidate's prior academic and activity record, as are other scholarships, but is also based on performance at the basic camp. Additionally, the New Mexico Military Institute has ten dedicated military junior college two year ROTC scholarships that will be awarded to incoming college cadets by the Professor of Military Science. These ten scholarships are based upon prior academic activity records and do not require attendance at basic camp if the candidate has had three or more years in Junior ROTC. All qualified cadets may compete on an equal basis for the MJC two year scholarships. The scholarships provide for the payment of all tuition, books, fixed school laboratory fees, as well as \$100 per month for the scholarship period. Those students who do not win a four or three year scholarship often do very well and win a two year scholarship for use at an MJC.

ATHLETICS

The New Mexico Military Institute is aware that physical fitness build minds as well as bodies. Therefore, participation - either through education classes, intramural sports, or other sponsored sports - is required of all cadets each semester of attendance at the Institute.

Physical Education offers the following activities: tennis, golf, bowling, volleyball, gymnastics, touch football, basketball, softball, soccer, body building, raquetball, swimming, skiing, kayaking, backpacking, orienteering, and skin and scuba diving. Instruction in senior lifesaving and water safety is also available.

INTRAMURALS

Intramural athletics is a required afternoon program for all cadets. Cadets who participate in seasonal organized sports are excused from intramurals for the duration of the seasonal sport.

VARSITY ATHLETICS

New Mexico Military Institute participates in varsity sports in both the high school and junior college divisions. As members of the National Junior College Athletic Association, the junior college teams compete with other colleges in basketball, track, golf, tennis, and soccer.

The high school varsity teams are members of the New Mexico Activities Association and participate at the AAA level of competition. Varsity teams are sponsored in the areas of football, basketball, track, soccer, swimming, golf, tennis, baseball, wrestling, and rodeo.

FINANCIAL CHARGES AND PAYMENT POLICY

Each cadet is assigned two financial accounts as follows:

TUITION AND FEES. Tuition, fixed fees, room, board, and laundry (limited to a specific number of items each week) are charged on a one-semester basis. Additionally, a yearly charge is made in the first semester for cadet accident insurance. This is not an optional plan, but is required for all students. Please note this is a **SUPPLEMENTAL ACCIDENT POLICY**, not a medical policy. It is not intended to cover all costs but rather to supplement the family policy. The non-duplication of benefits provision allows the school to provide a group accident insurance policy for a nominal cost.

CADET ACCOUNT. The Cadet Account is intended to be used to meet day-to-day 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
- Infirmery 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 students depending on financial aid and/or scholarships for funding, a limit will be established for spending based on each student's individual award letter. Charges above the limit will not be allowed.

The cadet account will be accessed by the use of the charge slips issued to students. 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 \$50.00 is required at all times. You may maintain as large a balance as you desire. Parents who desire may request their cadets 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.

Those uses of the Cadet Account which are NOT ALLOWED are listed below with recommended means of payment:

Cash Withdrawal	Personal checks will be cashed in the Cadet Store.
Student Activity Fees	Personal check or cash accepted.
Travel Expenses	Must be arranged by parent or student.
Rodeo-Cavalry Charges	Semester payment must accompany rodeo agreement.
Dances	Personal check or cash.
Doctor-Dentist Charges	Must be arranged by parent or student.
Ex Libris Course Fee	Payment must accompany course registration.
Golf Course Charges	Personal check or cash.
ACT-SAT	Personal check or cash.
Photographs	Personal check or cash.
Long Distance Telephone	Place all calls "collect".
Driver's Training	Personal check at course registration.

It will be left to the parent and student to determine a suitable method to meet these expenses. Alternatives include local bank accounts, maintaining hometown bank accounts, automatic teller machines near the campus, mailing checks directly to cadets, etc.

SPECIAL FEES (Paid only by student to whom fee applies)

Laboratory fees are required for courses related to languages, computers, natural and physical sciences, business, and physical education. Other special fees are late registration, graduation fee, charge slips, transcript fees, equitation, ID card replacement, matriculation fee (one-time charge) and deferred payment plan charge. In addition, special fees are charged for the Ex Libris Development Reading Program, ACT/ACT Review Course, driver's training, participation in golf, skiing, rodeo, etc.

PAYMENT PLAN

There are two plans for paying tuition and fees. The cadet account and personal expenses may not be deferred.

(1) **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.

(2) **DEFERRED PAYMENT PLAN:** A fee of \$10 per semester 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.

TUITION AND FEE PAYMENT

Checks and money orders should be made payable to New Mexico Military Institute. Please write the cadet's name and cadet number in a legible manner on the face of your check. Returned checks are automatically referred to a collection company who assesses a collection charge against the check writer.

VISA/MASTERCHARGE

The Business Office and Cadet Store will accept VISA/Mastercharge credit cards. VISA/Mastercharge will be accepted for total or partial payment of tuition and fees and cadet account. The Cadet Store will accept the cards for purchases.

FINANCIAL RESPONSIBILITY

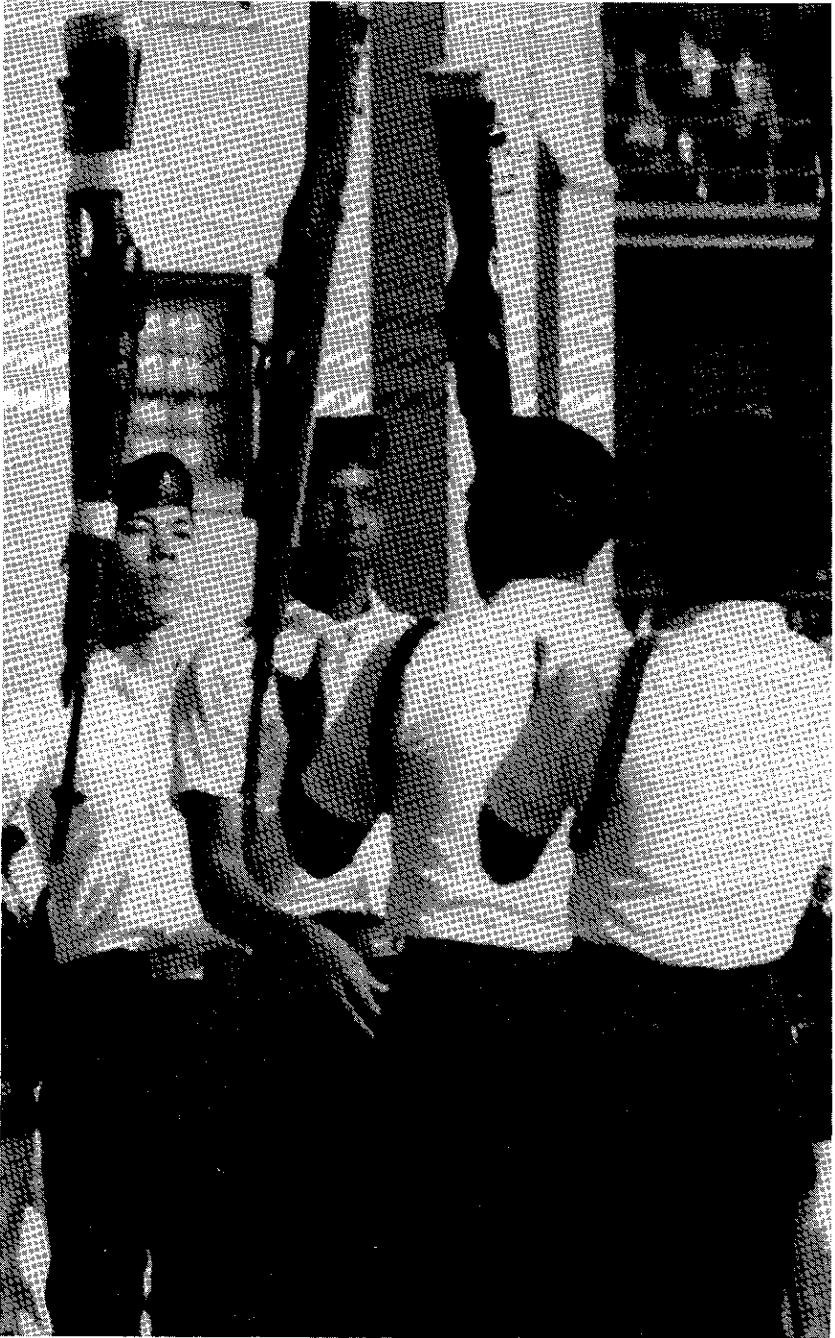
At the end of any semester, any student whose accounts have not been paid in full will not be eligible to reenroll for a subsequent semester. NEW MEXICO MILITARY INSTITUTE RESERVES THE RIGHT TO CANCEL THE REGISTRATION OF ANY STUDENT WHO FAILS TO PAY, WHEN DUE, ANY INDEBTEDNESS. ACADEMIC CREDITS, TRANSCRIPTS, AND DIPLOMAS WILL BE WITHHELD UNTIL ALL FINANCIAL OBLIGATIONS ARE PAID.

REFUND POLICY

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:

First to five class days	100%
Next five class days	75%
Next ten class days	50%
Next ten class days	25%

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. Balances remaining in the cadet account will be refunded in full.



THE BOARD OF REGENTS

Albert S. Romero, President . . . Santa Fe
Lorenzo A. Marquez, Jr., Vice President . . . Santa Rosa
Betty D. Beagles, Secretary-Treasurer . . . Roswell
Charles A. Joplin, Member . . . Hobbs
Ronald M. Nelson, Member . . . Albuquerque

OFFICERS OF THE INSTITUTE

(Year) indicates beginning of Institute service.

ADMINISTRATION

- Gerald Childress, Brigadier General, USA Ret. (1977)..... Superintendent**
 B.S., Virginia Polytechnic Institute
 M.S., George Washington University
 Armed Forces Staff College
 USA Command and General Staff College
 National War College
- Donald Stuart, Colonel, NMMI (1983).....Deputy Superintendent**
 A.A., New Mexico Military Institute
 B.A., New Mexico State University
 M.A., New Mexico State University
 Ph.D., New Mexico State University
- Robert T. Wagner, Colonel, USA Ret.(1979).....Academic Dean**
 B.S., United States Military Academy
 M.S., University of Virginia
 Ph.D., University of Virginia
 Industrial College of the Armed Forces
 USA Command and General Staff College
- Charles K. Hanson, Colonel, USA Ret. (1980) Commandant of Cadets**
 B.A., Montana State University
 M.A., University of Kansas
 USA Command and General Staff College
 National War College
- James H. Matchin, Lieutenant Colonel, NMMI (1976)..... Director of Admissions**
 A.A., New Mexico Military Institute
 B.A., New Mexico State University
- Stanley E. Taylor, Lieutenant Colonel, NMMI (1971)..... Director of
 Finance and Administration**
 A.A., Eastern New Mexico University
 B.B.Ed., Eastern New Mexico University
 M.B.A., Eastern New Mexico University

- Velton R. Chancey, Lieutenant Colonel, NMMI (1978) Director of
Physical Plant
B.B.A., Eastern New Mexico University
- Billy C. Butler, Colonel, Aviation, USA (1984).....Professor of
Military Science
B.S., Sam Houston State University
M.A., University of Missouri
USA Command and General Staff College
USA War College
- Richard C. Stecklein, Lieutenant Colonel, NMMI (1973)..... Director of
Athletics
B.A., Southern Colorado University
M.A., Ft. Hays State University
- Adrian J. Martinez, Colonel, NMMI (1963)Associate Dean
and High School Principal
B.A., University of New Mexico
M.A.T.S., University of New Mexico

FACULTY

- Manuel L. Acosta, Captain NMMI (1985)..... Instructor of Spanish
B.A., Eastern New Mexico University
M.Ed., Eastern New Mexico University
- Wendell H. Auffsprung, Lieutenant Colonel NMMI (1974)..... Associate Professor
of English
B.A., University of Cincinnati
M.A., Washington University
Ph.D., Washington University
- Gilbert Alvarado, Captain, Infantry (1984) Assistant Professor of
Military Science
B.S., University of Texas
- David F. Bartl, Major NMMI (1972-1974) (1977) Assistant Professor
of English;
Chairman, Department of English
B.A., College of St. Thomas
M.A., College of St. Thomas
- Edward L. Bencini, Major NMMI (1976) Counselor II
B.A., Southern Illinois University
M.S.Ed., Southern Illinois University
- Lamar Birchfield, Captain, NMMI (1983)Instructor of JROTC
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