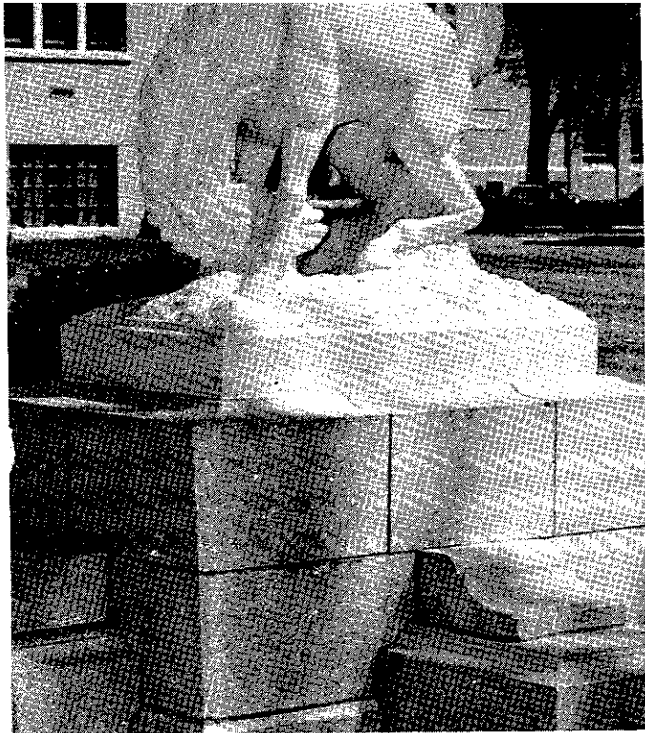


The Corps of Cadets



"It is the aim of this school to unite a careful scholastic training with physical vigor and healthy moral tone. Experience has proved that this end can be more fully attained in a school where the discipline is military than where it is not. The objective of the course of instruction is not to send out into the world a perfect soldier full-fledged, but to give the student a sure foundation theoretically and practically, so that he can make of himself what he may be capable of, to teach him the true significance of discipline, to instill in him the habits of regularity, to inspire him with a desire to increase his knowledge and, above all, to imbue him with that love of truth and honesty which will cause him to hold his good name above all that the world has to offer."

—1893 catalog,

Founded in 1891 as the Goss Military Academy
Established by the Territory in 1893 as
New Mexico Military Institute.

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	1974 - 1975	1975 - 1976
Cadet Officers Report	Aug. 16, 1974	Aug. 15, 1975
Faculty Report	Aug. 19, 1974	Aug. 18, 1975
Enrollment of New Cadets	Aug. 20, 1974	Aug. 19, 1975
Old Cadets Return	Aug. 26, 1974	Aug. 25, 1975
Registration Fall Semester	Aug. 26, 1974	Aug. 25, 1975
Classes Begin	Aug. 27, 1974	Aug. 26, 1975
Last Day to Change Classes	Sept. 9, 1974	Sept. 8, 1975
End of First Nine Weeks	Oct. 25, 1974	Oct. 24, 1975
Semester Exams	Dec. 18 - 20, 1974	Dec. 17-19, 1975
Semester Ends	Dec. 20, 1974	Dec. 19, 1975
Registration Spring Semester	Jan. 7, 1975	Jan. 6, 1976
Classes Begin	Jan. 8, 1975	Jan. 7, 1976
Last Day to Change Classes	Jan. 20, 1975	Jan. 19, 1976
End of Third Nine Weeks	Mar. 7, 1975	Mar. 6, 1976
Spring Vacation	Mar. 8-17, 1975	Mar. 6-15, 1976
Annual Formal Inspection (AFI)	April 25, 1975	April 23, 1976
Semester Exams	May 14 - 15, 1975	May 12-13, 1976
Graduation Activities	May 15 - 16, 1975	May 14 - 15, 1976
Graduation	May 17, 1975	May 15, 1976
Summer School	To Be Announced	

*Dates May Change As Necessary

OUR ACCREDITATION

The New Mexico Military Institute is a member of the American Association of Junior Colleges and the American Association of Military Schools and Colleges. Its programs are accredited through the North Central Association of Colleges and Secondary Schools and by the Department of Education of New Mexico.

In addition, we're rather proud of the fact that NMMI has been designated an Honor Military School by the Department of the Army every year since 1809.

OUR GENERAL POLICIES

The Institute operates under these general guidelines outlined by our Board of Regents:

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

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

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

The junior college is designed primarily to prepare students for transfer to four-year colleges and universities; however, career programs for the student whose goal is not necessarily college transfer are also available. An Associate in Arts degree is awarded upon completion of the prescribed program.

Instructed in both the principles and techniques of good leadership, cadets earn progressively responsible positions within the Corps of Cadets. Only students in full residence may, however, be members of the Corps.

To promote and encourage responsibility and integrity, NMMI operates on an old cadet - new cadet system and is governed by an Honor Code.

As a general policy, cadets at New Mexico Military Institute are required to attend chapel once weekly unless specifically excused. Chapel services are conducted at the Institute at such times as to permit and encourage cadets to attend church services in Roswell.

OUR SPECIFIC AIMS . . . "to help each cadet grow to be a man as tall as the times in which he lives."

Through a carefully planned and logically organized curriculum, the Institute seeks to provide as broad an education and educational base, including general and pre-professional studies, as is feasible.

Through self-discipline, scheduled study time, tutoring, counseling and guidance for the individual cadet, the Institute seeks to instill proper study habits and to urge academic proficiency.

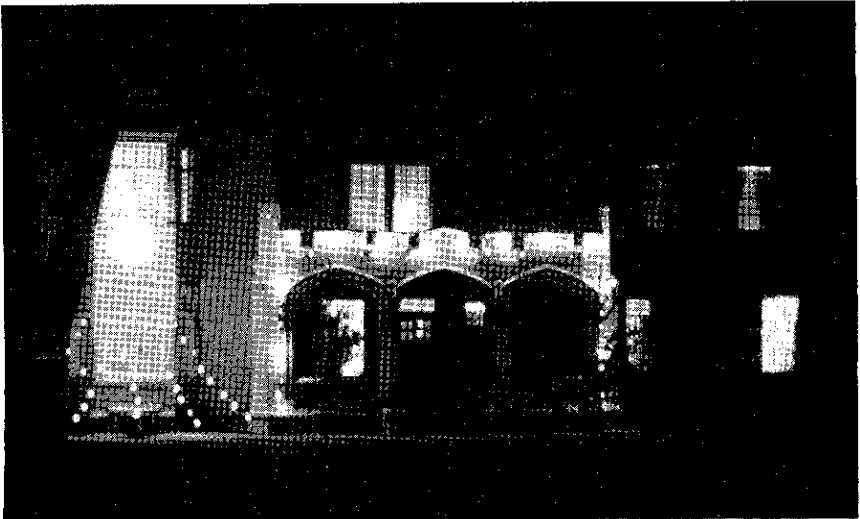
Through the cadet Honor Code, the cadet is encouraged to value personal integrity and to develop a sense of responsibility as he, and he alone, is held responsible for his actions.

Through the military training of the ROTC program prescribed by the Department of the Army and through the military organization of the Cadet Corps, the Institute seeks to provide leadership instruction which will prove invaluable in any area of life.

Through group living, shared responsibilities and common goals, the Institute seeks to develop a sense of fair play, individual maturity, and the ability to get along with others.

Through competitive athletics, intramurals and physical education classes, the Institute seeks to improve the physical stature and alertness of each cadet.

Finally the Institute encourages the cadet to examine the moral, ethical, and religious dimensions of life.



ORGANIZATION OF OUR ACADEMIC PROGRAM

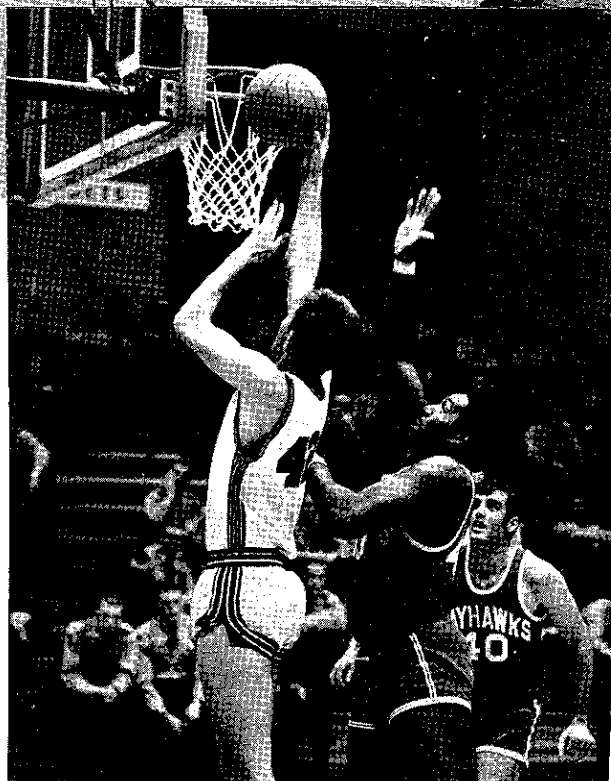
Academic offerings are grouped into four divisions and ten departments. Division and department heads, acting under the Dean, exercise close supervision over course content and instructional procedures. The divisions are: Natural Sciences and Mathematics, including the four departments of physics, chemistry, biology, and mathematics; Humanities, including the three departments of English, foreign languages, and fine arts; and Social Sciences including the two departments of social studies and business administration. Health and Physical Education constitutes the fourth division. The department of military science stands in addition to the four divisions and is staffed by officers and non-commissioned officers assigned by the Department of the Army.

The academic offerings of the Institute extend through six years — from the Sixth, or lowest class (high school freshman) through the First or highest class (college sophomore). This vertical organization emphasizes the unity of the general education offerings, bridges the gap between high school and college, and promotes a proper continuity in school work. Overlap and repetition among the classes are minimal, however, and the two divisions of the school are respected for their different goals. The high school and the junior college divisions are, in fact, encouraged to follow separate practices toward those goals.

IN ADDITION: CONTINUING EDUCATION

New Mexico Military Institute has established a program in Continuing Education to help answer the educational needs of the Roswell community. Open to both cadets and townspeople, this program includes an evening school and a summer session.

The educational program helps achieve the general objectives of the school by offering programs of general and pre-professional education. Throughout the Institute's six-year program, general education — the kind of education suitable for everyone regardless of occupation or profession — receives chief emphasis. Along with this, and supplementary to it, a groundwork of knowledge, attitudes, and skills valuable for later professional specialization in law, medicine, engineering, dentistry, armed forces leadership, and other professions are laid.



FINANCIAL HELP . . . if you're especially short on money

The New Mexico Military Institute operates an extensive program of student financial assistance. This program revolves around two distinct areas. One area involves the various federal student aid programs and requires proven student need. Cadets or prospective cadets with a genuine financial need may secure information by contacting the Director of Financial Aids, New Mexico Military Institute. **These programs are limited to college level cadets.**

The second area of student aid includes an extensive scholarship program. Some scholarships are given on the basis of academic excellence without regard to financial need. However, the majority of these scholarships require both need and academic excellence of the student. Cadets or prospective cadets interested in the scholarship program should contact the Chairman of the Scholarship Committee, New Mexico Military Institute.

In addition to financial aid administered by the school itself, there also exists a loan program administered by the New Mexico Military Institute Alumni Association, New Mexico Military Institute, Roswell, New Mexico. 88201

WHO GETS AID – AND HOW

HIGH SCHOOL CADETS

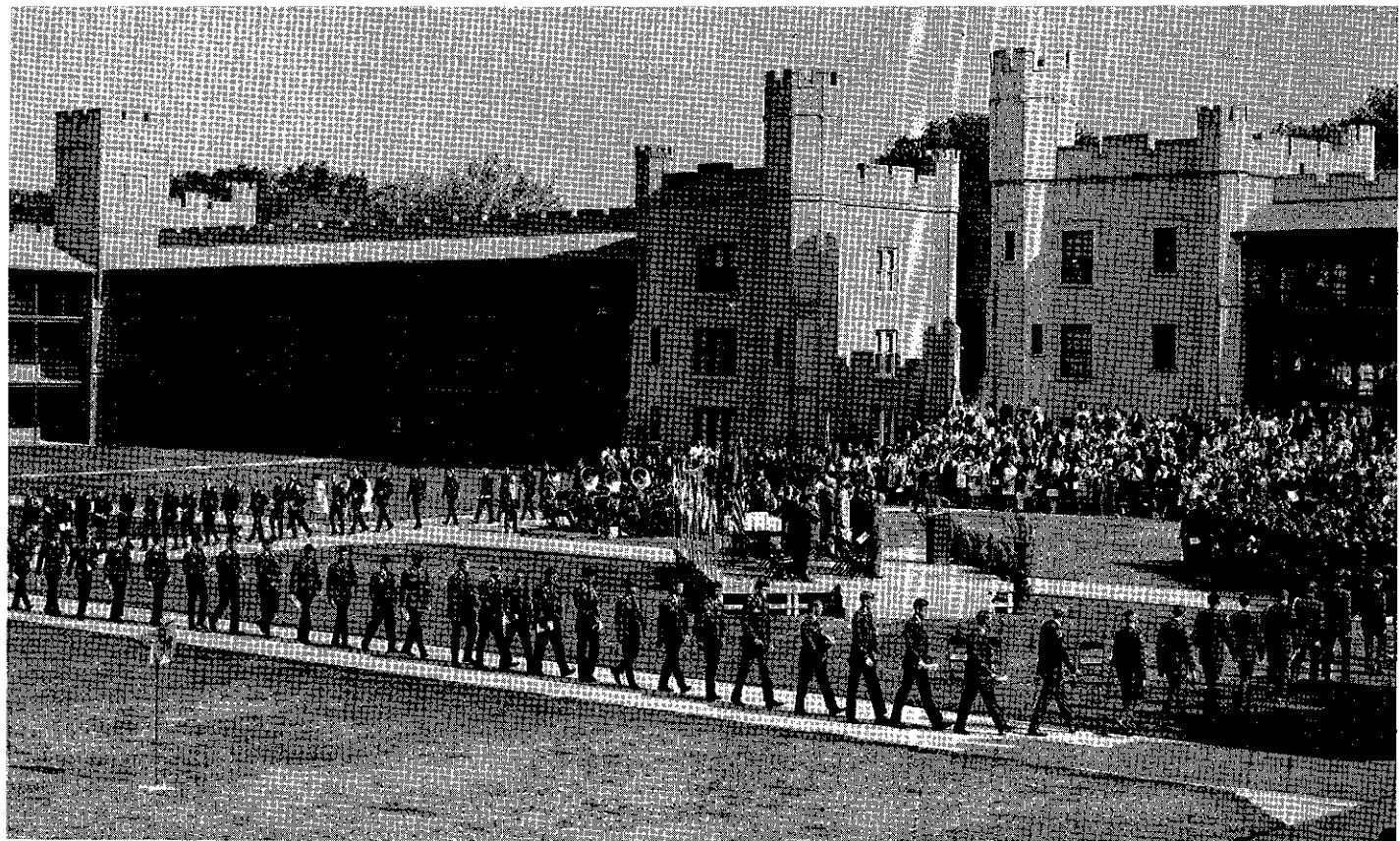
High school students are eligible to compete for many of the academic scholarships which have been established by supporters of N.M.M.I. through the years. Entering high school cadets are not eligible for these scholarships but may become eligible after their first year at New Mexico Military Institute. In addition any high school cadet, entering or returning, may apply for the loan program of the New Mexico Military Institute Alumni Association.

COLLEGE CADETS

In addition to the scholarship program at N.M.M.I., college cadets have access to a number of federal programs of student assistance. These programs include:

1. NATIONAL DIRECT STUDENT LOAN PROGRAM. Students with substantiated need may receive loans up to \$1200. These loans carry an interest rate of 3%. Repayment begins nine months after the student ceases to be a student in any college or university.

2. COLLEGE WORK - STUDY PROGRAM. Students are employed on campus during their free time. The average hours worked are from six to ten hours weekly.



3. FEDERALLY INSURED STUDENT LOANS. Students may borrow up to \$1500 annually at 7% interest. The federal government pays the interest while the student is enrolled in college, but repayment begins twelve months after the student leaves college altogether. The loan is secured from a participating bank or savings and loan agency, with the Institute certifying the cost of the education and the level of the student's need. Many states have instituted student loan programs which are governed by the regulations of the Federally Insured Student Loan Program.

4. NEW MEXICO STUDENT LOAN PROGRAM. This program is identical to the Federally Insured Student Loan Program, except that it is administered by the State of New Mexico and is limited to residents of New Mexico.

5. SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS. New Mexico Military Institute has a limited number of these grants for students whose financial need is exceptional. No more than $\frac{1}{2}$ of the student's calculated need can be met through this program.

6. BASIC GRANTS. Students who have never been enrolled for college work prior to April 1, 1973 are eligible to apply for Basic Grants. The size of the grant varies with the calculated amount of family contribution and with the amount which Congress appropriates annually for the program.

Application forms for all of these programs can be obtained from the Office of Financial Aids, New Mexico Military Institute.

DEADLINE FOR APPLICATION FOR FINANCIAL ASSISTANCE IS APRIL 1. Consideration is given to applicants after this date only in the event of the continuing availability of funds.

WHEN YOU HAVE A PROBLEM, FREE ADVISING AND COUNSELING ARE AVAILABLE

An NMMI student need never feel that no one will listen to him. Whatever his problem — academic, professional, social, emotional, or spiritual — someone older and more experienced is ready to help.

Both the high school and college divisions are assigned an educational guidance and counseling specialist. These specialists provide cadets with vocational and educational information, administer aptitude and interest tests, and are always available to help with personal counseling.

Individual advisers are assigned to each cadet. Class advisers are assigned the responsibility of final approval of all schedules, schedule changes,

waiver and overload requests, and other administrative details. The individual faculty adviser assigned to each student will (a) preschedule cadets; (b) maintain files for each cadet; (c) recommended waivers, overloads, etc. to class advisers; (d) recommend class changes to class advisers.

The student is also invited to seek help from his class supervisors, his company Tactical Officer, the Professors of Military Science, the Dean, and the Chaplain. Our counselors and advisors are a vital part of our balanced educational program. They work hard to see that each cadet derives the most from his NMMI experience. Cadets and parents alike are encouraged to talk with them freely and often.

TUTORING IS FREE, TOO

Not every student can excel in every academic subject all of the time. Most people need help, and NMMI's free tutoring provides it upon request, at times convenient to the cadet. Faculty members schedule regular tutoring hours and often supplement those times during office hours or with night sessions. In addition, qualified faculty members are available to help students five nights a week during Night Study Hall.



If a student does not realize his need for help, he may be referred for tutoring by his individual instructors or by his troop's academic coordinator. In any case, NMMI makes every effort to see that each cadet has the opportunity to improve.

CORRECTIVE COURSES ARE A SERVICE

Occasionally a student is handicapped because he lacks basic skills necessary to his academic success. When proper examinations show that a cadet has such a problem, he may be placed in a course designed to correct his deficiency. Both the Mathematics and English Departments offer such courses, usually credited toward graduation at NMMI, but not transferable to other schools (though, of course, the cadet should check with prospective schools to be sure).

The Ex Libris Developmental Reading Program, a fee-based, voluntary, credited course, parallels West Point's reading program. It builds upon the skills the student already has to promote speed in reading and better, more complete understanding of materials read.

Some students lack fluency in English to the point that it impedes their studies in other areas. On the basis of examinations or instructor observations, such students (both high school and college) may be required to take English as a Second Language, usually without credit. Our reading Laboratory may also be required of students with a disabling reading problem. It requires a one-time fee of \$5.

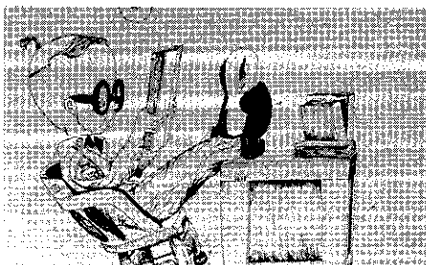
WE'LL HELP YOU LEARN HOW TO STUDY

Poor study habits, more quickly and more surely than anything else, lead to academic failure. In recognition of that fact, NMMI offers — five nights week — a required Night Study Hall. For two and one half hours, all cadets devote themselves to their studies in the comfort of their own rooms. Supervised by faculty members, the Night Study Hall gives needed study and tutoring time to all cadets.

After the first nine-week grading period, the NSH procedures change as follows:

(1) Students with a 2.00 grade point average or better will continue to observe the "quiet time" procedures during the first half of the study hall period. During the second half, the time will be reserved for academic purposes; however, cadets will be allowed the privilege of quietly playing radios, TVs, phonographs, etc. (2) Those students with less than a 2.00 GPA will be required to perform their evening study in centralized study halls, which are directly supervised by faculty members.

In addition, the Counseling Center can give you tips on how to improve your study habits and the quality of your study time. A more formal program or "How to Study" sessions will be implemented during the next two years.



YOU MAY EVEN TRAVEL FOR CREDIT

Through the local chapter of The American Institute of Foreign Studies, cadets may travel, under supervision, to any number of foreign countries. For information about expenses, who may go, length and time of tours, or course content and requirements for credit, contact the Director of Continuing Education, Lea Hall, NMMI, Roswell, N. M. 88201.

WE ALSO PROVIDE:

Room

The Corps of Cadets lives in Hagerman Barracks and Saunders Barracks. Adequately comfortable, the rooms house two cadets each. Girls are not allowed to visit the barracks, and resident cadets are not allowed to live off-campus.

Board

Twenty meals a week are served in Bates Hall, a modern dining facility seating 1400. A professional food management concern provides close supervision of a nutritionally sound, tasty diet.

Medical Care

Marshall Infirmary is set apart from the other buildings to provide maximum quiet. It is equipped to take care of emergencies and registered nurses are continuously on duty.

Usually, when more than temporary hospitalization is required, the cadet is taken to one of Roswell's fine professional hospitals. Cadet health is supervised daily by a medical team who is on call at all times. Many medical services are free of charge; more significant services are adequately covered under the student's insurance policy.

REQUIREMENTS FOR ADMISSION TO THE HIGH SCHOOL DIVISION

A prospective cadet must have completed the 8th grade as a minimum. Entrance examinations are not required. Personal interviews are not necessary, but applicants and their parents are welcome at the Admissions Office Monday through Friday from 8:00 a.m. until 4:00 p.m.

An applicant must have demonstrated the ability to perform at least average work as shown by a cumulative grade point average of C (2.00) or better. A student with less than a cumulative grade point average of 2.00 may apply for individual consideration.

Accepted applicants are placed in classes at the Institute in accordance with the number of academic subjects completed at the time of fall enrollment, following the stipulations given under "Class Designation and Promotion" as defined by the Institute.

When you successfully complete 18 $\frac{2}{3}$ units, we also offer you the chance to enroll in college courses.

The junior college division of New Mexico Military Institute is fully accredited by the North Central Association of Secondary Schools and Colleges, the Association of Military Schools and Colleges, and the Association of Junior Colleges.

REQUIREMENTS FOR ADMISSION TO THE COLLEGE DIVISION

To be admitted into the Second Class (freshman year of college), an applicant must be a graduate of an approved high school and have acceptable scores on the American College Test (ACT) or the Scholastic Aptitude Test (SAT). In some cases, a candidate with an acceptable score on the General Education Development (GED) examination may be accepted.

An applicant must have demonstrated the ability to perform at least average work as shown by a cumulative grade point average of C (2.00) or better. Exceptions may be made in some cases. Personal interviews are not necessary, but applicants and their parents are welcome at the Admissions Office Monday through Friday from 8:00 a.m. until 4:00 p.m.

HOW TO APPLY FOR ADMISSION

Cadets must be male, unmarried, and physically and morally sound. If you meet these requirements, continue with the following steps toward admission:

- (1) Complete the application form attached to the inside back cover of this Catalog. Return it, along with a check for \$60 (payable to NMMI), to the Admissions Office. (\$10 of this amount is an application processing fee and is not refundable. The remaining \$50 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.
- (2) Have your family physician fill out the medical forms; return them to the Admissions Office.
- (3) Have your school send a transcript of all previous school work.
- (4) If you're a college applicant, send ACT or SAT scores (if available).
- (5) If you're a returning cadet, apply for readmission by submitting a request for re-enrollment signed by your parent or guardian (or yourself if you're 18 or older). Include with the request a deposit of \$50 before the spring re-enrollment application deadline. See the current **Bulletin** for that date.

If the Institute does not admit you, your \$50 deposit will, of course be returned to you.

WHAT IT WILL COST

TUITION AND FEES — Full Academic Year

The amounts as listed are subject to change without notification.

	1974 - 1975
*Tuition (Resident/Non - resident)	\$260/\$840
Fixed School Fees	
(Library, Hospital, Entertainment, Publications, Athletics, Etc.)	\$165
Fixed Individual Fees	
Board	\$610
Room	120
Laundry	115
Linen Service	35
	<hr/>
Total Fixed Individual Fees	\$880
Group Accident Insurance	25
TOTAL TUITION AND FEES For RESIDENT CADET	\$1,330
TOTAL TUITION AND FEES FOR NON - RESIDENT CADET	\$1,910

**Deposit for Personal Account

New Cadet		950
Old Cadet		750
TOTAL FOR NEW CADETS:	Resident	\$2,280
	Non - Resident	\$2,860
TOTAL FOR OLD CADETS:	Resident	\$2,080
	Non - Resident	\$2,660

*Tuition and all fees are based on attendance for **the full academic year**. Withdrawal or dismissal at any time before the end of the regular term carries full financial responsibility. (See the Application Agreement).

** The personal account provides for the necessities of life at NMMI, not the luxuries. While such things as required texts, school supplies, major clothing requirements, etc., are covered by the personal account, such things as skiing trips, transportation to and from home, etc., are not estimated in the personal account figure.

Special Fees

Special fees are required for the following things: particular courses such as biology and chemistry; registration (\$5); late registration (\$25); diplomas; extra copies of transcripts. In addition, special fees are charged for aviation training, the Ex Libris Developmental Reading Program, driver training, participation in golf, skiing, rodeo, etc. These special fees are charged to the cadet's personal account as required.

METHODS OF PAYMENT

Deferred Payment

For those not desiring to pay the total costs at the beginning of the year, a Deferred Payment Plan, which includes a nominal \$10 service charge, is available as set forth in the current **Bulletin**.

Monthly Payment

For those desiring a Monthly Payment Plan, The Tuition Plan, Inc., Concord, New Hampshire, provides a monthly payment plan in support of educational institutions. Detailed information on the plan will be furnished by writing to The Tuition Plan, Inc., Concord, New Hampshire 03301.

Financial Aid

See The Financial Section of this catalog, page 11.



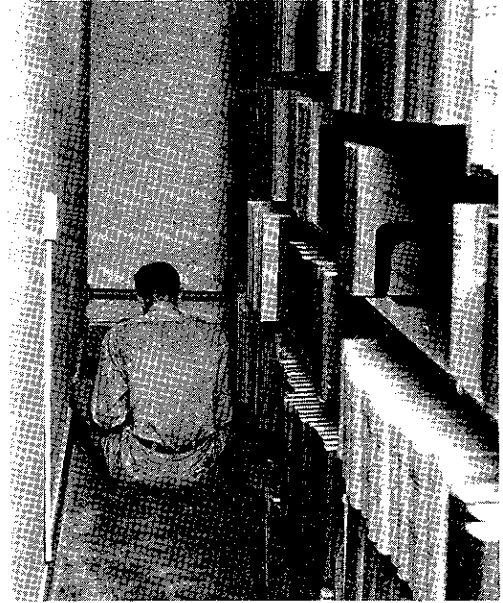
WHAT YOU NEED TO KNOW ABOUT REGISTRATION

On the day of your enrollment (see Calendar), your fee payment is due. On registration day (see Calendar), you will consult with your individual class adviser about the courses you need and how to schedule them. If you schedule a class which requires a lab or other fee, you must pay that fee at this time.

TRANSFER HOURS:

To be acceptable, credits transferred to NMMI from other accredited schools must be C grade or above and meet the requirements for the same course as offered by NMMI.

With the possible exception of some corrective course credits, NMMI credits are transferrable to any school in the nation. (See the Red Book or write the Dean for more details.)



THE GRADING SYSTEM

Grades are issued at the end of 9 weeks and at the end of 18 weeks (half year). Our system is a traditional one:

- A — Excellent
 - B — Above Average
 - C — Average
 - D — Below Average
 - F — Failing
 - W — Withdrawn (no penalty; not considered in grade point average)
 - X — Incomplete (except under highly unusual circumstances, this grade must be made up within the following semester. After that time, the X becomes an F and is recorded on the transcript).
- Grade points are assigned as follows: for A, 4; B, 3; C, 2; D, 1; F, 0.

ABOUT TAKING A COURSE OVER

Grades of D or lower are usually not transferrable to other schools — and they do not much improve your grade-point-average at NMMI, either. At any time after you make a D, then, you may repeat the course to try for a better grade. Your original grade will remain on your transcripts, and you will not receive credit twice. You may, however, use the highest grade in that course to compute your GPA.

ABOUT HIGH SCHOOL GRADUATION REQUIREMENTS

1. A cadet must earn twenty units for credit during his four high school years. The twenty units must conform to the following requirements:

English 1, 2, 3, 4: Four units required. Public Speaking or other English classes will not satisfy any part of the English requirement.

Mathematics: two units required to be chosen from general math 1, general math 2, algebra 1, algebra 2 or geometry. Other mathematics courses are available as electives.

Science: Two units required to be chosen from biology, physics, chemistry, earth science.

Foreign Language: Two units of one language required. Exceptions to requirement may be made by the Dean.

Social Science: Two units required, one of which must be United States History.

Military Training: One-half unit required for graduation. Two units allowed for graduation. High school cadets must enroll in MT each semester of attendance at NMMI.

Physical Education: One unit required. One-half unit may be earned each year. Two units may be earned.

Additional requirements: up to 6.5 electives.

2. A third class (high school senior) new cadet must earn a minimum of two units credit at NMMI and must spend two semesters in residence (three semesters for a midyear entrant).

3. Summer or correspondence work from accredited schools is recognized, but no more than two units may be earned for transfer to NMMI. Private tutoring is not recognized as a source of credit.

4. Although no minimum grade-point average is required for the high school diploma, failure to earn a grade-point average of at least 2.00 for courses taken at NMMI may be considered by the Admissions board as grounds for refusal to admit a cadet to the second class (college freshman).

The length of time it will take an entering student to satisfy the requirements for the high school diploma will depend on the number of acceptable units he submits on entrance. An entering sixth classman (freshman) will have four years to accumulate his 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, a cadet who lacks but one and one-fourth units of completion in his third class year may, with the Dean's approval, take a maxi-

imum of nine semester hours credit at the college level. Thus, he may satisfy the requirement for the high school diploma while enrolled primarily in college subjects. He must however, complete the HS diploma before credit is posted on transcripts.

REQUIREMENTS FOR THE ASSOCIATE OF ARTS DEGREE

1. Residence: Minimum requirement for residence as a college-level student is one year or 30 credit hours for part-time evening college students.
2. Semester Hours: Requirements are the same as for Associate of Arts degree.
3. Required Subjects: English sequences as appropriate for field of study (111, 112; 101-102; 102-103; 114, 115); six hours of social science; one year of laboratory science; three hours of humanities. Military Science and Physical Education requirements are identical with those of the Associate of Arts degree requirements for cadets. Adults in the Evening College are waived military science requirements.
4. Grade Point Average: A minimum grade point average of 2.00 is required for the last three semesters of junior college work.

REQUIREMENTS FOR THE ASSOCIATE OF SCIENCE DEGREE

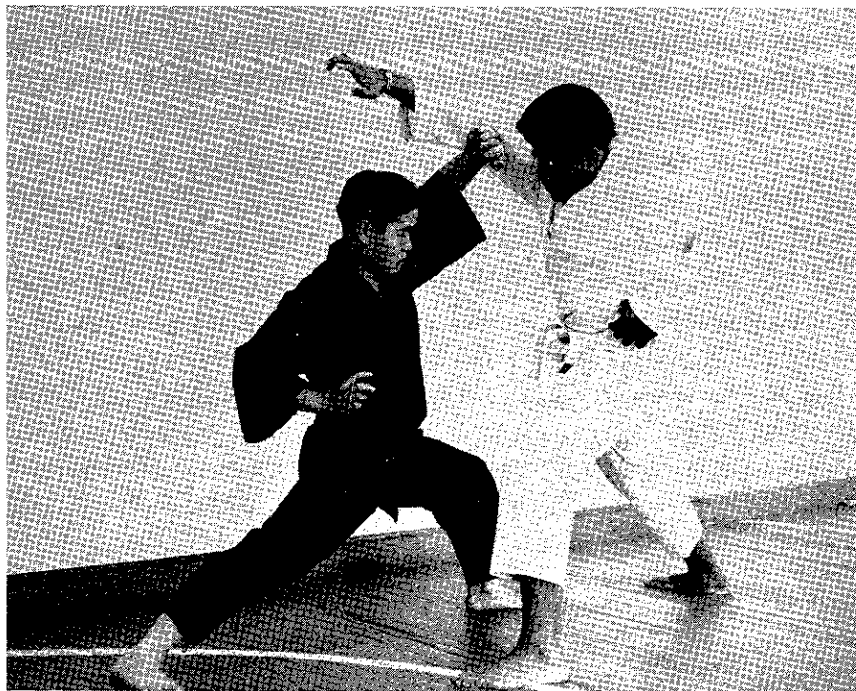
1. Residence: Minimum requirement for residence as a college-level student is one year.
2. Semester hours: Minimum of SIXTY-EIGHT HOURS is required, no more than twelve of which can be in Military Science. Credit toward the degree will be allowed for the completion of half a full-year's (sequence) course (except Military Science IV). Credit may be transferred from other accredited schools if the courses are acceptable and if the grades are C or better.
3. Required subjects: English 111-112 (in special cases, English 101-102 or 102-103); History 211-212; one year of a laboratory science; one semester course in mathematics; six hours in humanities. In addition, any student who has not completed two years of basic military science courses must enroll in either MS I or MSII, depending on his status. Physical Education or a recognized equivalent must be taken each semester.
4. Grade Point Average: A minimum grade point average of 2.00 is required for the last three semesters of junior college work.

DEGREE PROGRAMS FROM CONTINUING EDUCATION

The Associate of Science degree in Retirement Planning and the Associate of Arts degree in Humanities emphasize career opportunities in working in retirement or service centers and offer new areas of interest to enhance one's own leisure hours. These programs are under the supervision of the Director of Continuing Education and center around a core of five courses (GE 101-105) which deal with retirement planning and living. Contact Continuing Education, NMMI, Roswell, New Mexico 88201 for the specifics of these programs.

TRANSCRIPTS OF CREDIT

All cadets are entitled to one free transcript each semester. The charge for each additional transcript is \$1.00.



WHAT ACADEMIC PROBATION, SUSPENSION AND DISMISSAL MEAN FOR BOTH HIGH SCHOOL AND COLLEGE CADETS

If a **new** cadet's high school grade point average (GPA) is below 1.50, he might be admitted **conditionally**. He must maintain a 1.50 GPA his first semester, or he cannot enroll the second semester. He must, instead, be suspended for the second semester. After this one semester's suspension, he may apply for readmission. If he drops below a 1.50 this time, he is dismissed and cannot re-apply.

If a **new** cadet's high school GPA is below 2.00, he may be admitted **on probation**. He must maintain a 1.50 GP for two semesters straight. If he doesn't, he is suspended for one semester. After that time, he may re-apply. Another semester of grades below 1.50 will mean dismissal, and he cannot re-apply at a later date.

If an **old** cadet drops below a 1.00 during **any** semester, he is placed on academic probation. If he doesn't bring his grades up the next semester, he is suspended for one full semester. After that time, he may re-apply. If he does not maintain a 1.00 GPA, he is dismissed from school and cannot re-apply at a later date.

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

HONOR LISTS AND SOCIETIES

THE COMMANDANT'S LIST

To qualify, a cadet must have no more than five demerits and earn an A in deportment; that is, overall conduct worthy of a gentlemanly soldier. Should a student be named to the List, he is automatically entitled to a special furlough, as specified in the Blue Book.

THE DEAN'S LIST

An academic honor, the Dean's List is an official recognition of those cadets who earn a grade-point average of 3.00 or above in all academic areas. Based on a 14 semester-hour program, all grades must be **C** or above and the deportment grade must be acceptable.

Being named to the List at the nine-week grading period entitles the cadet to privileges specified in the Blue Book. If at the end of 18 weeks he still qualifies, the cadet is entitled to wear the Dean's List Star for the half year immediately following and to enjoy the Dean's List furlough, as outlined in the Blue Book.

THE PRESIDENT'S LIST

A cadet named to both the Commandant's List and the Dean's List at the same time qualifies for the President's List. If this honor is earned at the end of a semester, the cadet may choose to take both his furloughs consecutively during the next semester. In addition, he may, with pride, wear the Dean's List Star over a circular patch of black superimposed on red felt.

NATIONAL HONORARIES

Each year select high school and college cadets are honored for their outstanding academic accomplishments with formal induction into the local chapters of the National High School Honorary and Phi Theta Kappa, the National Junior College Honorary.



HOW THE CADET SYSTEM WORKS

Upon enrollment the new cadet enters the Corps of Cadets, which is commanded by the Cadet Regimental Commander under the supervision of the Commandant of Cadets and his Tactical Officers. The new cadet will be assigned to a room in barracks with another new cadet in the same academic class. He will march to meals with his troop and eat with them in the dining hall. He will wear his uniform proudly — he is one of the team. During his new-cadet year (half year for Second Class) he will be subject to instructions and lawful orders from the old cadets (new Second Classmen are subject to the orders of college-level, old cadets only). The essence of military life is good fellowship with experienced leadership.

The new student will be a recruit during his period as a new cadet; at the end of that period if he is proficient academically and disciplinarily he will be promoted to private first class. Subsequent promotions will come rapidly as he shows he is capable of accepting greater responsibility. As in all fields, there is room at the top for the best.

TYPICAL DAILY SCHEDULE FOR CADETS

6:30	First Call	4:00- 5:30	Tutoring or Intramurals
6:45	Assembly for Breakfast	6:15	Guard Mount
8:00-12:00	Classes	6:20	Supper
12:05-12:40	Dinner	7:30-10:00	Study Hall
1:00- 1:35	Drill	10:25	Call to Quarters
1:45- 3:40	Classes	10:30	Taps (Lights Out)

THE HONOR SYSTEM

One of the oldest and finest traditions at NMMI, the Honor System governs cadet life. Instituted and implemented by the cadets themselves, the Code, stated simply, means that cadets will not lie, cheat, or steal. Violations of the Code will result in severe disciplinary action or dishonorable dismissal by the Honor Board of Cadets, annually appointed by the President.

Full details of the operation of the Honor Code are published separately and issued and explained to each cadet soon after his enrollment.

THE OLD CADET - NEW CADET SYSTEM

Another fine old tradition at NMMI is the system of initiation of new cadets by old cadets who have themselves experienced initiation. Regardless of the background of previous training, every cadet in his first year at NMMI is a "rat" and lives under the "rat system." The system teaches or promotes the following things in the shortest time possible:

1. Military carriage, manner, demeanor, and presence.
2. Self-control of and restraint in emotions, desires and actions.
3. Respect for authority and social propriety.
4. Attention to detail.
5. Personal grooming, organization, and responsibility.
6. Knowledge of NMMI traditions and the regulations governing cadet life.

The system encourages unity and equality and is administered without regard to wealth, family ties, or previous training. Each cadet has the opportunity to grow and to handle responsibility according to his individual, progressive capabilities.

CLASS DESIGNATION

Based on the beginning of the school year or semester, these are the requirements for membership in the various classes:

SIXTH CLASS — (equivalent to high school freshman)

A student must have completed the eighth grade satisfactorily to qualify.

FIFTH CLASS — (equivalent to high school sophomore)

A student must submit five units that apply toward the high school diploma, excluding PE. 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, excluding PE.

THIRD CLASS — (equivalent to high school senior)

A cadet must have completed fifteen academic units that apply toward the high school diploma, excluding PE.

SECOND CLASS — (equivalent to college freshman)

The student must have a high school diploma (or its equivalent) from an accredited high school or have earned eighteen and two-thirds of the twenty units necessary for the high school diploma.

FIRST CLASS — (equivalent to college sophomore)

A cadet must have completed 32 academic units that apply toward the Associate degree.

CARS, MOTORCYCLES, AND BICYCLES

Bicycles are allowed on campus for use in a cycling club, but not on an individual basis. College old cadets and second semester second classmen are allowed to keep and operate an automobile on campus and in the Roswell area. For the safety and protection of our cadets, motorcycles are not allowed.

For the good of our students, we ask parents and friends to respect this policy.

ATHLETICS

Physical Education

NMMI is aware that physical fitness builds minds as well as bodies. Therefore, participation — either through physical education classes, intramural sports, or other sponsored sports — is required of all cadets during each semester of attendance at NMMI.

Physical Education offers the following activities: tennis, golf, bowling, volleyball, gymnastics, touch football, basketball, softball, soccer, body building, handball and swimming. Instruction in senior lifesaving and water safety is also available.

Intramurals

Intramural athletics is a required program. Cadets compete on a troop and squadron level with other units on the NMMI campus. Winning units receive awards.

Varsity Athletics

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

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 (including cross country), swimming, golf, tennis, baseball, and wrestling.

OTHER ATHLETICS

Boxing. The Boxing Team sponsors both Novice and Open boxers who compete in the Golden Gloves Regionals and travel to the National Golden Gloves Tournament.

Drill Team. The Goss Rifles Precision Marching Drill Team Association sponsors both a college and high school team because of the number of appearances and meets the drill teams are requested to make or attend. The winners of literally dozens of regional, state and national trophies, Goss Rifles teams regularly perform at the Eastern New Mexico State Fair and the Governor of Arizona Drill Meet.

Karate. Karate is taught as a club activity with a faculty sponsor and competent instructors. Competitive meets are scheduled throughout New Mexico.

Polo Club. Polo has returned to NMMI, and the Polo Club has matches scheduled throughout the year. The Alumni Association sponsors the Polo Club and has made arrangements for its members to receive professional coaching.

Rifle Team. The Institute rifle team engages in many competitive meets both in and out of the State of New Mexico. Cadets from both the high school and junior college divisions are eligible to participate in small bore rifle competition.

Rodeo Club. The NMMI Rodeo Club offers cadets an opportunity to enjoy and develop skills in the various rodeo events and in all aspects of horsemanship. Regular practice sessions and opportunities to participate in as many rodeos as possible during the school year are provided. The club is made up of cadets interested in western ranch and cowboy activities. All members of the club are entitled to participate in rodeo activities if they have parental permission.

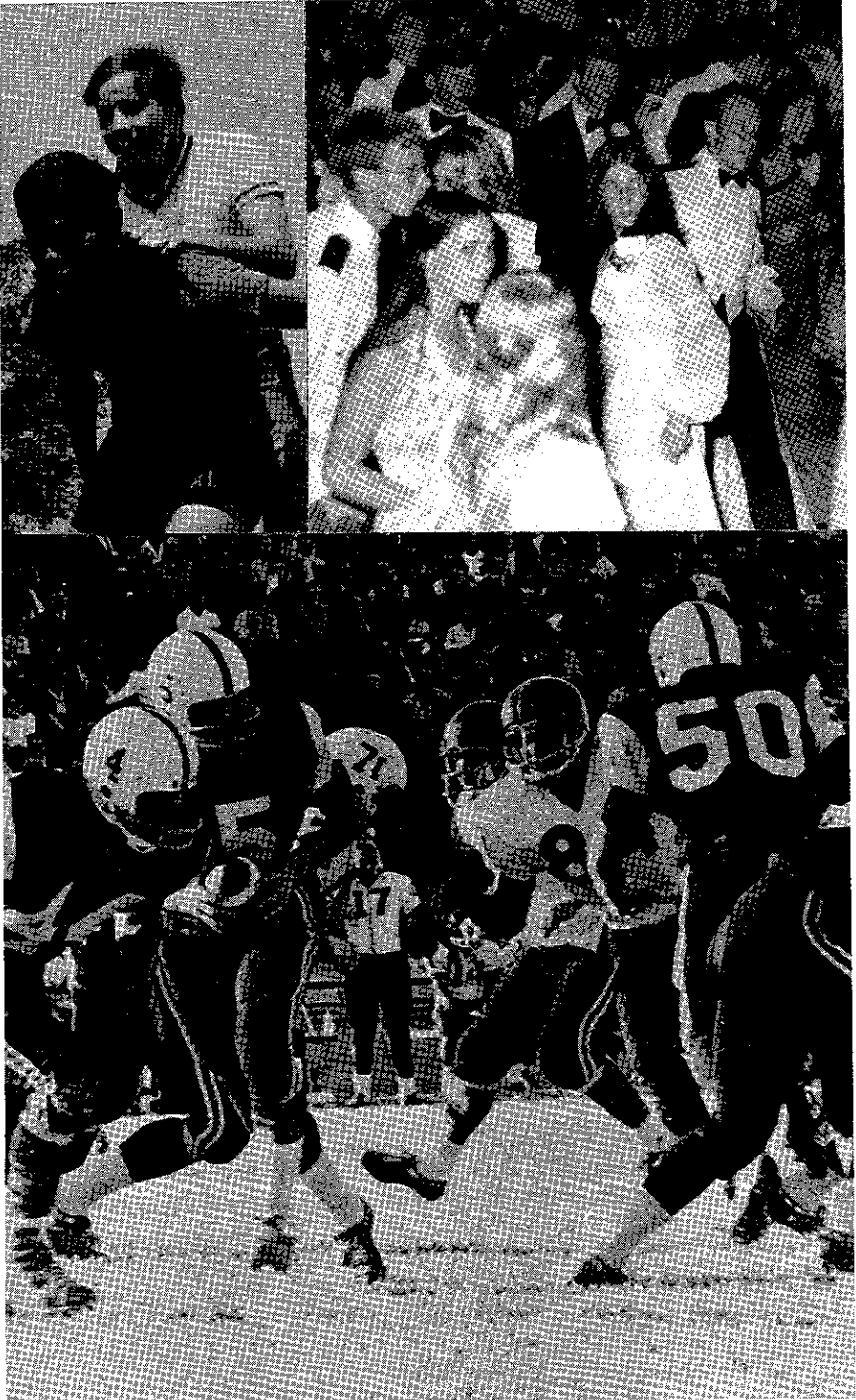
Skiing. Skiing is handled by a faculty sponsor and trips are made on a regular basis to the Ruidoso and Cloudcroft ski areas with lessons available at these locations. Club members frequently enter the racing meets in the surrounding ski areas. Many cadets are also on the Ski Patrol.

Soccer Club. Soccer, an international sport, is at home at NMMI because of the diverse geographical base of the cadet corps. Club members are provided with uniforms and equipment and local matches are arranged.

Other Activities Available:

Aside from our organized sports clubs and activities, NMMI invites cadets to inquire about participation in various Small Games, including pool, billiards, bowling and chess; in speech and dramatics, musical groups, journalistic endeavors, including the Bronco, the Institute yearbook, and *The Maverick*, an annual collection of student writing.

Additional recreational opportunities arise through scheduled banquets, lectures and concerts sponsored by the Institute's Cadet Activities Forum, regular dances and movies, and chaperoned visits of the coeds of Radford.



WHAT YOU SHOULD KNOW ABOUT THE ROTC PROGRAM

NMMI offers four years of High School (Junior Division) and four years of College (Senior Division) ROTC. All cadets who have not completed the equivalent of two years of college level ROTC are required to be enrolled in the ROTC Program. The curricula for both the high school and college programs are prescribed by the Department of the Army. Credit for each course of instruction is transferable among the institutions offering Army ROTC. The specific amount of academic credit allowable per course toward graduation is determined by the gaining institution.

CREDIT FOR PREVIOUS TRAINING

Appropriate credit will be given in accordance with Army Regulations for prior accredited ROTC training and for active duty with any of the Armed Forces.

REQUIRED MILITARY TRAINING

All cadets are required to participate in drill, parades, ceremonies, inspections and specified field training activities.

WHAT THE ROTC CONTRACT PROGRAM IS

1. General: The New Mexico Military Institute offers a unique ROTC program which permits a junior college student to complete all the requirements for a U.S. Army commission within the two year period spent at NMMI. The program consists of the following major phases.

a. Basic ROTC Camp: A six-weeks camp operated by the U.S. Army at Fort Knox, Kentucky, during the summer preceding entrance to NMMI as a college freshman. Applications for attendance must be made prior to the 15th of April each year to permit adequate time for processing. (The requirement to attend basic camp may be waived for students who have had three or more years of Junior ROTC in High School.)

b. Advanced ROTC: Two years of Advanced Military Science (MS III and MS IV) conducted by the Military Department during the student's college Freshman and Sophomore years at NMMI.

c. Advanced ROTC Camp: A six-weeks camp operated by the U.S. Army at Fort Riley, Kansas, during the summer between the student's Freshman and Sophomore years.

2. Eligibility: The program is open to all male students who meet the following qualifications:

a. Age: Able to complete the program before reaching age 28.

b. Mental: Pass a general screening test or have an acceptable score on college entrance examination (ACT or SAT).

c. Education: Be a high school graduate with a minimum GPA of 2.00.

d. Physical: Pass a standard Army physical examination.

e. Loyalty: Be an American citizen and pass the National Agency Check.

3. Obligation: A cadet who desires to pursue a U.S. Army commission is required to sign a contract which guarantees the student a deferred draft status and a commission in the Army Reserve provided he satisfactorily completes the prescribed course of ROTC instruction. In turn, the student agrees to serve on active duty as a commissioned officer for two years or active duty for training (3-6 months) out of a total six-year Reserve obligation.

4. Monetary Considerations: A contract student receives the following allowances:

a. Subsistence: \$100.00 per month during the school year while enrolled in Advanced ROTC.

b. Uniform Commutation: Approximately \$210 per year.

c. Basic Camp: Reimbursement for travel, food and clothing and the pay of an Army private for the six-weeks period of camp. (Approximately \$400.)

d. Advanced Camp: Reimbursement for travel, food and clothing, and one-half the pay of a second lieutenant (entering active duty) for the six-weeks period of camp. (Approximately \$400.)

5. Commissioning and Active Duty: The contract student has the option of applying for a commission in the Army Reserve and requesting active duty after he graduates from Junior College at NMMI, or he may continue his education at a four-year college or university (normally for two years) and defer being commissioned until he receives his baccalaureate degree.

COMMISSIONS IN THE REGULAR ARMY

Contract cadets who are in the upper half of their academic class, in the upper third of their military class and who possess the required outstanding traits of leadership, character, and general military aptitude, may be designated Distinguished Military Students (DMS) by the Professor of Military Science. Those cadets so designated and who retain their rating until they obtain a baccalaureate degree may be designated Distinguished Military Graduates (DMG). Distinguished Military Graduates are eligible to apply for commissioning as Second Lieutenants in the Regular Army rather than the Army Reserve.

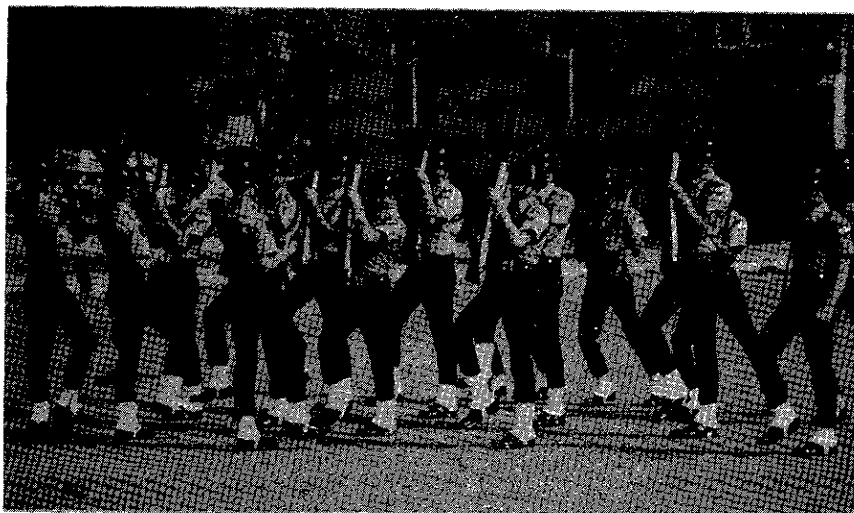
THE TWO YEAR ARMY ROTC SCHOLARSHIP

The United States Army has authorized the Professor of Military Science to process two-year Army ROTC Scholarships for qualified cadets each year. The Scholarships are open to high school seniors who will return the following school year and be eligible to enroll as college freshmen in MS III. The scholarships provide for the payment of all tuition, fixed school, book and laboratory fees for a two-year period. The recipient must sign a contract with the U.S. Army in which he agrees to serve on active duty for a period of four years and accept a commission in the Army Reserve or Regular Army — whichever is offered.

APPOINTMENTS TO SERVICE ACADEMIES

On June 19, 1909, New Mexico Military Institute gained national recognition by being designated an Honor Military School by the War Department. Each year since 1909, NMMI has been honored by this designation, which is a result of superior ratings attained during inspections by the Department of the Army. As an Honor Military School, NMMI is authorized to nominate three cadets to compete for appointments to each service academy (i.e. United States Military Academy, West Point, New York; United States Naval Academy, Annapolis, Maryland and United States Air Force Academy, Colorado Springs, Colorado.)

Cadets interested in attending any of the service academies, including the United States Coast Guard Academy and the United States Merchant Marine Academy, are urged to make their intent known to their faculty advisor or the Professor of Military Science.



CLEP — for College Students

NMMI participates in the nation-wide College Level Entrance Examination (CLEP) and allows college credit for the successful completion of both the general exam and subject matter exams. Up to 30 hours of college credit can be earned by passing all five sections of the general exam.

The results of the general or any of the 30 or more subject matter examinations will be recorded on the cadet's transcript as credit toward graduation and will not be figured in the grade point average (GPA). This does not preclude other institutions from awarding letter grades upon transfer after graduation from NMMI, depending upon their regulations.

Students wishing to receive credit from the CLEP exam are urged to take the exams no later than July before August classes, or before December to have results back before the start of the second semester. Results reported during a semester will be awarded as credit but classes will continue to be carried during the remainder of the term. Local high school counseling offices or area test centers can administer the exams which are sent off for grading.

In addition, foreign languages and other courses offered at NMMI may be challenged by comprehensive examination. "C" level of performance or better as judged by the faculty member preparing, administering, and grading the exam, will be required for credit. As in CLEP examinations, the credit earned counts toward graduation but not for the computation of the grade point average. A minimum fee of \$10 per course is required.



Available Scholarships

ALL SCHOLASTIC AWARDS ARE MADE BY THE FACULTY SCHOLARSHIP COMMITTEE ON THE BASIS OF CRITERIA ESTABLISHED BY THE DONORS. SCHOLARSHIP APPLICANTS MAY OBTAIN BLANKS FROM THE CHAIRMAN OF THE SCHOLARSHIP COMMITTEE, NEW MEXICO MILITARY INSTITUTE, ROSWELL, NEW MEXICO 88201.

1. **New Mexico Military Institute Foundation, Inc. Scholarships:** five scholarships of \$500 each; awarded to the five cadets (Sixth through Second classes at NMMI) who rank number one academically in their respective classes. Not applied for.

New Mexico Military Institute Foundation, Inc. Scholarships also offers two (\$400 and \$200) scholarships to contestants in the Southeastern New Mexico Science Fair; a number of grants (\$300 to \$500) for financial need; a number of grants (\$300 to \$500) for academic excellence, and several music scholarships (\$100 each).

2. **The Alumni Scholarships:** two at \$500 each; awarded to the son or grandson of an alumnus on the basis of scholastic and general excellence in school activities. Not applied for.
3. **The Walter H. Boyd Memorial Scholarship:** \$200; open to any cadet attending NMMI for the purpose of gaining a commission in the Army or the Officer's Reserve Corps.
4. **The Truman O. Boyd Memorial Scholarship:** \$200; open to any cadet attending NMMI for the purpose of gaining a commission in the Army or the Officer's Reserve Corps.
5. **The Stanley W. Crosby, Jr. Memorial Scholarship:** \$500; awarded on the basis of helpfulness to others, excellence in leadership and citizenship.
6. **The Paul McCutchen Foundation Scholarships:** several scholarships, the total of which is \$1500; awarded to cadets of any class; preference to New Mexico residents.
7. **The General G. S. Patton, Jr. Memorial Scholarship:** \$300; available to a cadet whose parent was or is in the military service; preference to those who wish to enter one of the United States Service Academies.
8. **The Will C. Lawrence Scholarship:** \$100; open to a Third Classman who wishes to continue his education at NMMI.
9. **The Virgil Lusk Memorial Scholarship:** \$400; open to a Third Classman who wishes to continue his education at NMMI.

10. **The N. S. Meyer-Raeburn Military Science Scholarship:** \$150; awarded to an outstanding Third Classman who is completing MT III and IV and who has agreed to accept an ROTC contract as a Second Classman.
11. **The N. S. Meyer-Raeburn Award for Military Proficiency and Leadership:** \$100; awarded to a cadet in the Second Class who is returning to NMMI and who qualifies for the Associate of Arts Degree as a First Classman.
12. **The Sprinkle-Barnard-Dufek Scholarship:** \$600; awarded to the son of a man who served with the Armed Forces; preference to student who plans to attend one of the United States Service Academies.
13. **The M. Margaret Decker Scholarships:** three at \$400 each; awarded to entering or returning cadets.
14. **The J. R. Kelly Memorial Scholarship:** \$250; awarded to an academically proficient Second Classman.
15. **The Terry Allen Memorial Scholarships:** three at \$100 each; awarded to new cadet Second Classmen whose fathers have made a career in the military service.
16. **The Jesse Mechem Memorial Scholarship:** \$100; awarded to academically proficient cadet who needs financial assistance.
17. **The Howard I. Scherotter Memorial Scholarship:** \$100; awarded to a high school cadet who is returning for high school; based on helpfulness to others, excellence in character, citizenship, and leadership abilities.
18. **The C. Cliff Amos Memorial Scholarship:** \$1000; awarded to a graduate of the high school division who is returning to NMMI for junior college or to a member of the Second Class who is returning for his final year at NMMI.
19. **The Harry H. Hitch Memorial Polo Scholarship:** \$1000; awarded to a cadet player to offset expenses inherent to the sport.
20. **The Security National Bank Scholarships:** three at \$500 each; awarded to a needy cadet whose grade point average is 2.5 or better, who is at least a high school junior, who permanently resides in Chaves, Lea, Eddy, Lincoln, Roosevelt, DeBaca or Curry County, New Mexico. Renewable.
21. **Anonymous — 1974 Scholarship:** \$1000; awarded primarily on basis of need; recipient may be new or returning cadet; must be high school junior or senior when selected; must maintain C plus average; must come preferably from the northwest part of New Mexico.

SCHOLARSHIP APPLICATIONS MUST BE RETURNED TO THE COMMITTEE NOT LATER THAN APRIL 1.

HIGH SCHOOL COURSES

DIVISION OF HUMANITIES

English

EN 011-012 — English 1 Cr. $\frac{1}{2}$ — $\frac{1}{2}$ unit.

An integrated program of grammar and word study and values in Literature; an introduction to literary skills; extensive theme writing; two classics; library study

EN 021-022 — English 2 Cr. $\frac{1}{2}$ — $\frac{1}{2}$ unit.

An integrated program of grammar; word study; study of literary types; extensive theme writing; reading improvement; two classics; library study. Prerequisite: EN 011, 012.

EN 031-032 — English 3 Cr. $\frac{1}{2}$ unit.

An integrated program of grammar; word study; study of American literature; extensive theme writing; a long critical paper; two American classics.

EN 041 — English 4a Cr. $\frac{1}{2}$ unit.

The first half of an integrated program: grammar; word study; study of English literature; extensive theme writing; a research unit; two English classics.

EN 042 — English 4b. Cr. $\frac{1}{2}$ unit.

A continuation of English 4a, substituting a paper in literary criticism for the research unit.

***LT 041-042 — World Literature a.-b. Cr. $\frac{1}{2}$ — $\frac{1}{2}$ unit.**

A survey of world literature from beginning to modern times; four additional classics; extensive theme writing; one research paper; open to juniors and seniors only; elective course; does not substitute for English 021, 022, 031, 032, 041, 042.

***EN 035 — Creative Writing a. Cr. $\frac{1}{2}$ unit.**

An introduction to the discipline and organization of writing and the markets for writers; extensive practice in developing ideas for publication; no prerequisite; does not substitute for EN 021, 022, 031, 032, 041, 042.

***EN 036 — Creative Writing b. Cr. $\frac{1}{2}$ unit.**

An advanced study of creative writing; extensive practice in handling the elements of fiction; studies of models of the short story and novel. No course prerequisites, but permission of the instructor required; does not substitute for EN 021, 022, 031, 032, 041, 042.

*Offered on a demand basis only.

JL 031-032 — Journalism (Newswriting and Reporting).**Cr. $\frac{1}{2}$ — $\frac{1}{2}$ unit.**

The fundamentals of newswriting. History of journalism and role of the press in American government and society.

RD 052 — Corrective Reading. Cr. $\frac{1}{4}$ unit.

Required for students whose placement test scores fall below the thirtieth percentile. One or two semesters, depending on progress; films and other aids employed; stress on basic reading skills; some attention to study methods.

SH 061 — Speech. Cr. $\frac{1}{4}$ unit.

Basic principles of speech; speeches for particular occasions and panel discussions included. Tape recorders and television used as aids. Prerequisite: Permission of instructor.

RD 051 — Development Reading. Cr. $\frac{1}{4}$ unit.

A course in reading improvement, including basic and advanced study methods for textbooks. 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. Additional fee.

EN 000 — Development English. Cr. 1 unit.

A one-year course in English fundamentals. Emphasis upon speaking, reading, and writing English effectively. Open to all high school students, and especially recommended for foreign students with limited studies in English. Prerequisite: Permission of instructor.

Foreign Languages**Registration Instructions:**

- (a) Native speakers, subject to placement test.
- (b) No credit will be given for language courses taken prior to the ninth grade.
- (c) No previous courses in the language, register for 1a.

Language Laboratory:

Each student in high school, levels 1 and 2, will have two periods in the language laboratory per week. Laboratory fee: \$5.00 per semester.

GR 011-012 — German 1. Cr. 1 unit.

Stress on basic skills, and speaking; oral drills, essentials of grammar; fundamentals of reading and writing.

GR 022-023 — German 2. Cr. 1 unit.

Review and further study of grammar, composition, and conversation, with stress on reading. Students are prepared for a second year college German course.

SP 011-012 — Spanish 1. Cr. 1 unit.

Stress on basic skills, listening comprehension and speaking; oral drills, essentials of grammar; fundamentals of reading and writing.

SP 021-022 — Spanish 2. Cr. 1 unit.

Stress on reading comprehension and writing. Reinforcement of basic skill. Advanced grammar study. Writing drills.

SP 033-034 — Practical Spanish 2. Cr. 1 unit.

Stresses conversation and practical vocabulary. Designed to meet basic business and travel needs.

SP 031-032 — Spanish 3. Cr. 1 unit.

Stress on advanced reading comprehension and composition. Short stories by Peninsular and Spanish-American authors serve as basis for cultural study as well as conversation.

SP 041-042 — Spanish 4. Cr. 1 unit.

Reading and conversational course. Grammar as needed. Peninsular and Spanish-American authors serve as basis for conversation and literary study. Oral and written reports. Course conducted in Spanish.

SP 043-044 — Spanish for Bilinguals. Cr. 1 unit.

A second year level course for students with a home background in Spanish. Emphasis on grammar, spelling and the special linguistic and cultural problems of the bilingual student. Placement by an interview and permission of the instructor.

Fine Arts

MU 011 Music 1 — Band. Cr. 1/4 unit per semester.

MU 012 Music 2 — Band. Cr. 1/4 unit per semester.

MU 012 Music 3 — Band. Cr. 1/4 unit per semester.

MU 014 Music 4 — Band. Cr. 1/4 unit per semester.

MU 021 Music 1 — Choir. Cr. 1/4 unit per semester.

MU 022 Music 2 — Choir. Cr. 1/4 unit per semester.

MU 023 Music 3 — Choir. Cr. 1/4 unit per semester.

MU 024 Music 4 — Choir. Cr. 1/4 unit per semester.

MU 015 Music (Stage Band). Cr. 1/4 unit per semester.

Prerequisite: Permission of instructor.

AR 011 — Art 1 a. Cr. 1/2 unit.

Introduction to two dimensional design principles, colors theory, painting and drawing with various media. Art history lectures. Prerequisite: Third class standing and/or permission of instructor. Breakage and studio fee: \$5.00.

AR 013 — Art 1b. Cr. 1/2 unit.

Introduction to three dimensional design principles, sculpture methods using various materials. Art history lectures. Prerequisite: Third class standing and/or permission of instructor. Breakage and studio fee: \$5.00.

THE DIVISION OF NATURAL SCIENCES AND MATHEMATICS

Agriculture

AG 011 — Agriculture. Cr. 1 unit.

A general course in agriculture involving livestock production, agronomy, horticulture, farm mechanics and agriculture economics. The course will be restricted to high school juniors and seniors with the consent of the instructor. \$5.00 lab fee per semester.

Biology

BI 021-022 — Biology 1. Cr. 1 unit.

A study of plant and animal forms. Laboratory work involves extensive use of compound microscope, study of living organisms, dissections, student experiments and classroom demonstrations. Currently, the Yellow Version: BSCS, is being used in classroom and laboratory. Laboratory fee: \$5.00 per semester.

Chemistry

CH 031-032 — Chemistry. Cr. 1 unit.

The fundamentals of chemistry; atomic structure, Periodic Table, and chemical bonding. The mathematics of elementary chemistry stressed. Introduction to the use of the slide rule. The study of ionization. Laboratory fee: \$5.00 per semester.

Mathematics

MA 011-012 — General Math 1. Cr. 1 unit.

Addition, subtraction, multiplication, and division of whole numbers, fractions and decimals. The use of percent, squares and square roots. Basic units of measure and informal geometry. Extension of number system to include negative numbers. Ratio and proportion, statistics and practical problems.

MA 021-022 — General Math 2. Cr. 1 unit.

Basic Algebra, insurance, taxation, investments, technical mathematics, practical geometry, numerical trigonometry. Students who have taken geometry and/or algebra 2 may not take General Math for credit. Prerequisite: General Math 1 or Algebra 1.

MA 013-014 — Algebra 1. Cr. 1 unit.

Letters representing qualities; positive and negative numbers, polynomials; simple equations; factoring; introduction to the radical and exponential forms.

MA 033-034 — Algebra 2. Cr. 1 unit.

Review of first year algebra; numerical and literal quadratic equations; exponents and radicals; logarithms; use of logarithmic tables in the solution

of right triangles; arithmetic and geometric series, the binominal theorem. Prerequisite: Algebra 1. (Algebra 2 is the equivalent of Mathematics A2, Quadratics and beyond, as designated by the College Entrance Examination Board.)

MA 023-024 — Geometry. Cr. 1 unit.

Theorems, construction, and practical applications of geometry to everyday living. Circles, the measurement of angles and areas; proportions and similar polygons. Prerequisite: Algebra 1.

MA 043 — Plane Trigonometry. Cr. 1/2 unit.

Functions of acute angles, logarithms, solutions of right triangles, graphing of functions, identities, general triangles, applications of trigonometry to algebra. Stress on applied problems. Prerequisite: Algebra 2. X

MA 051-052 — Mechanical Drawing. Cr. 1 unit.

Use of instruments, lettering plates, geometrical construction, drawing conventions, oblique projections, free hand sketching, detail and assembly drawings, development, and blueprint. Five regular periods a week. Laboratory fee: \$5.00 per semester. Prerequisite: Geometry.

MA 041-042 — Algebra and Trigonometry. Cr. 1 unit.

An integrated course covering the material usually covered in the standard courses in trigonometry and algebra. Prerequisite: better than average grades in Algebra 1 and plane geometry, and consent of the instructor. X

***MA 061 — Calculus a. Cr. 1/2 unit.**

Differential calculus and functions of one real variable with applications. Prerequisite: Algebra 2 and Trigonometry with better than average grade. X

***MA 062 — Calculus b. Cr. 1/2 unit.**

Integral calculus of functions of one real variable with applications. Prerequisite: Calculus a. X

MA 063 — Introduction to Statistical Concepts. Cr. 1/2 unit.

Introduction to the concepts and vocabulary of statistics. Topics such as mean, median, mode, standard deviation, variance, randomness, dispersion and skewness will be covered. Bernoulli distribution, Binominal dist., Normal dist., Poisson dist., Chi-Square dist. and others will be discussed and used. Prerequisite: Algebra 1.

SC 041 — Computer Science. Cr. 1/2 unit.

Elective credit, laboratory science. Explores the social and economic impact of computers on society — now and in the future. Topics include a general concept of computer operations, elements of a programming language and the writing and running of several programs on a computer by students.

Physics

PH 031-032 — Physics. Cr. 1 unit.

Introduction to fundamental physical concepts of time, space, and matter, and a development of the wave nature of light. A study of the dynamics of motion. Introduction to electricity. Demonstrations and outside reference readings. Laboratory fee. \$5.00 per semester. Prerequisite: Algebra 1 and Geometry.

ES 031-032 — Earth Science. Cr. 1 unit.

A year sequence course involving the study of physical processes of the earth and universe. Extensive study of topics from geology, meteorology and astronomy, with laboratory and field work a regular portion of the course. Counts as a laboratory science for graduation.

SC 011-012 — General Science. Cr. 1 unit.

Fundamental to other high school courses. Includes an introduction to the structure of matter, the analysis of motion, the different types of energy and the behavior of light and the nature of waves. Investigations into chemical reactions in living and non-living things.

AV 031 — Aerospace Education. Cr. 1/2 unit.

Designed for students interested in understanding the scientific and technological fundamentals involved in flight. Encompasses the equivalence of a Federal Aviation Administration private pilot ground school and prepares students to take FAA private pilot written examination. Program includes experimentation, field studies, long-term projects plus classroom instruction. Prerequisite: permission of instructor. Fees: \$52.00.

THE DIVISION OF SOCIAL SCIENCE AND BUSINESS ADMINISTRATION

Social Sciences

History

HI 011-012 — World History. Cr. 1 unit.

A survey of 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 — American History. Cr. 1 unit.

Discovery and exploration of America; the colonial period and revolution. The Constitution and establishment of Federal government. Nationalism, westward expansion, sectionalism, the Civil War and Reconstruction. Second semester, 1865 to present. Supplementary reading, films, current events and reports.

GV 031 — American Government. Cr. ½ unit.

Introduction into fundamental concepts of Federal, state, and city governments. Political ideals and standards of political morality in our Democracy compared to contrasting ideologies.

PS 041 — Psychology. Cr. ½ unit.

A study of motivations and behavior patterns and of the complex influences in our culture. Designed to encourage a scientific examination of human nature.

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

A comprehensive study of the physical and political geography of the world today, focusing attention upon areas in conflict on the international scene. Not offered every semester.

SO 042 — Sociology. Cr. ½ unit.

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

Business Administration**BA 031-032 — Bookkeeping. Cr. 1 unit.**

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

BA 041 — Business Law. Cr. ½ unit.

An introductory course giving basic understanding of applied business law. A study of basic law contracts, commercial paper, insurance, and other phases of business law.

BA 042 — Business Machines. Cr. ½ unit.

The use and operation of the typewriter, 10-key adding machine, calculator, and ditto machine.

BA 021-022 — Typewriting. Cr. 1 unit.

Location and manipulation of the keyboard; principal parts of the typewriter and their use. Study of the business letter, term papers, and other special forms. Fee: \$5.00 per semester.

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

A study of the development of data processing, complete examination of machine languages, and the writing of simple computer programs.

BA 051 — Economics. ½ Cr.

Introduction into fundamental economic concepts. Study of the five main divisions: consumption, production, exchange, distribution, and governmental functions.

THE DIVISION OF HEALTH AND PHYSICAL EDUCATION

PE 011-012 — Physical Education 1. Cr. ½ unit.

The program of physical education for the cadet in his first year at the Institute.

PE 021-022 — Physical Education 2. Cr. ½ unit.

(A sequence course.) The program of physical education for the cadet in his second year at the Institute.

PE 031-032 — Physical Education 3. Cr. ½ unit.

(A sequence course.) The program of physical education for the cadet in his third year at the Institute.

PE 041-042 — Physical Education 4. Cr. ½ unit.

(A sequence course.) The program of physical education for the cadet in his fourth year at the Institute.

General Education

***DE 021 — Driver Education. Cr. ¼ unit.**

A nine weeks course including 30 hours of lecture, 6 hours of behind-the-wheel driving, and 12 hours of in-car observation. Meets all requirements of the State Department of Education. Graded on a pass or fail basis. Requirements: A student must be at least 14 years of age and have his parents' written permission to enroll.

MILITARY TRAINING

Military Training (MT)

Military Training, offered to High School cadets, consists of a four-year program. Satisfactory completion of MT 1 and MT 2 is the equivalent of satisfactorily completing MS I in college. The satisfactory completion of MT 3 and MT 4 is the equivalent of satisfactorily completing MS II in college.

MT 011-012 — MT 1. Cr. 1 unit.

Organization of the Armed Forces and ROTC. The history, purpose and objectives of the JROTC program; customs and courtesies of the service organization, professional opportunities in the military service, role of the other armed services and role of the citizen soldier. Also includes American military history, weapons safety and marksmanship, leadership development and drill, hygiene and first aid.

MT 021-022 — MT 2. Cr. 1 unit.

Land Navigation. Introduction to map reading; land forms; topographic

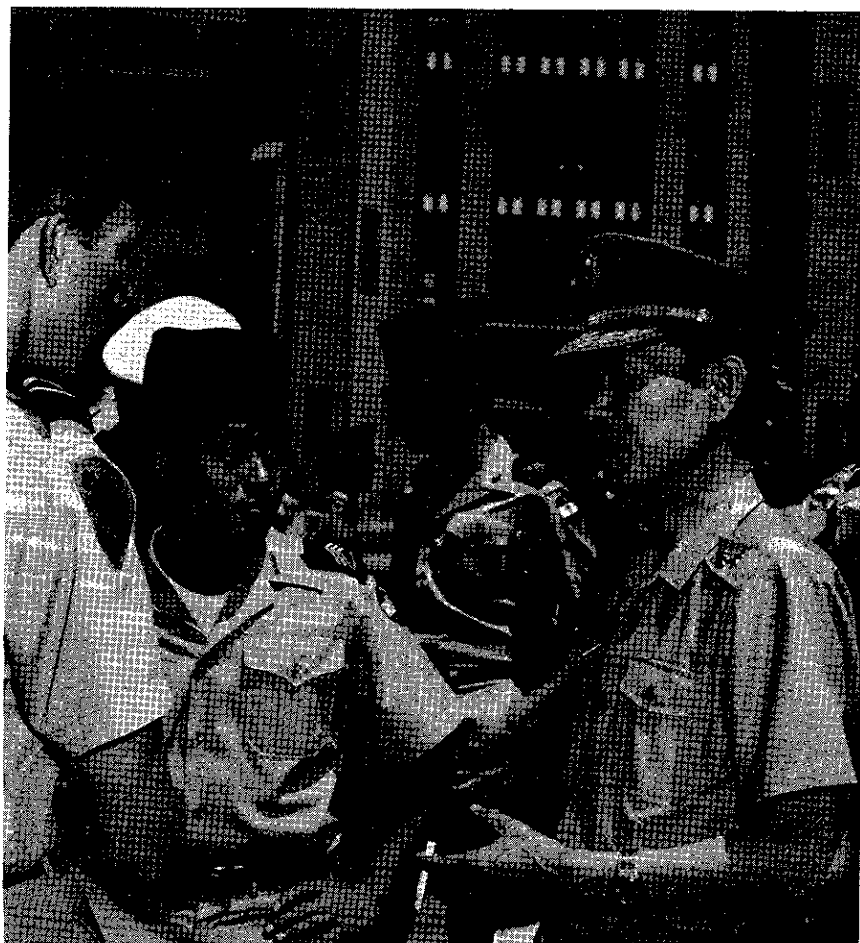
symbols, location and direction, azimuths, use of compass, scale and distance. Also includes marksmanship, leadership development and drill, and weapons.

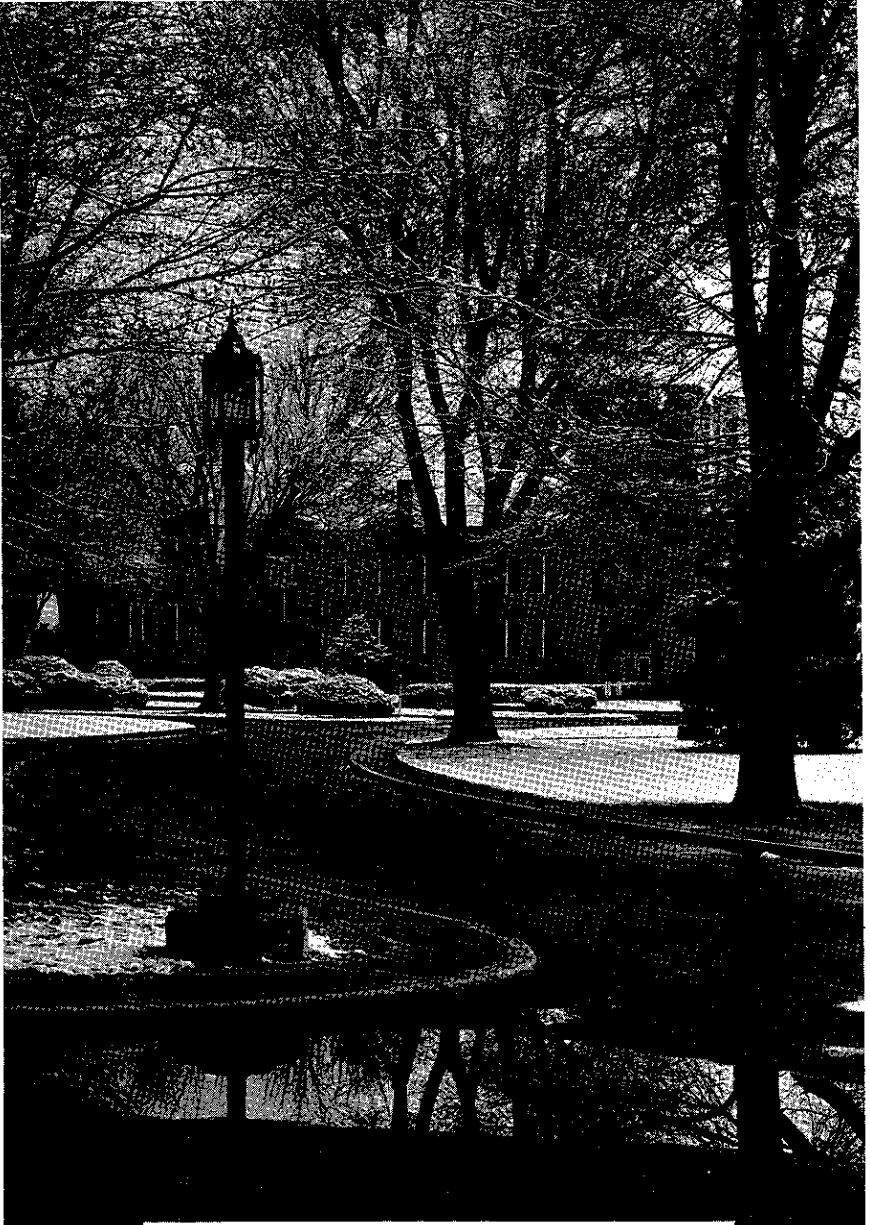
MT 031-032 — MT 3. Cr. 1 unit.

Leadership and Small Unit Leader Problems. Continuing development through case studies in leadership; methods or techniques for developing teamwork; coordination in planning. Also includes psychology of leadership, marksmanship and leadership development and drill.

MT 041-042 — MT 4. Cr. 1 unit.

Evolution of Warfare. Changing nature of national conflicts; evolution of weaponry; and the principles of war. Also includes the role of the Army in support of national objectives, seminar in leadership and management, and leadership development and drill.





COLLEGE DIVISION

Courses We Suggest for Your Career

Because NMMI recognizes challenges inherent in education beyond our two-year system, the junior college programs are, for the most part, transfer-oriented. The junior college courses are designed, therefore, to fulfill the basic general education requirements of almost any program of higher education or career training. Cadets who have learned moral, physical, and intellectual discipline can step into broader educational and career experiences confident that they have sound basic education behind them. The Associate degree which they receive upon successful completion of our program attests to their qualifications.

While we encourage our cadets to transfer to university or career programs, we realize that a number of students will engage in valid, non-academic pursuits. For those students, we offer (and are developing) selected programs of study that will allow career implementation at the end of two years of study.

All outlined programs lead to the Associate of Arts or Associate of Science degree and are based on semester hours.

AGRICULTURE

College Freshman Year

Fall		Spring	
English	3	English	3
Chemistry 111	4	Intro Animal Science 101	3
Feeds & Feeding 104	3	Chemistry 112	4
Mathematics 111 or 113	3	Military Science as required (or elective)	
Military Science as required (or elective)			
Physical Education	1	Physical Education	1
Humanities Elective	3	Humanities Elective	3

College Sophomore Year

Fall		Spring	
History 211	3	Humanities Elective	3
Chemistry 214 (organic)	4	History 212	3
Biology 209	4	Economics	3
Agriculture 201	3	Zoology 214	4
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1
English 114	3	English 123 (Public Speaking)	3

BIOLOGY MAJOR*College Freshman Year**

Fall		Spring	
Biology 209 or 213	4	Biology 210 or 214	4
English	3	English	3
Chemistry 113	5	Chemistry 114	5
Mathematics 113 or 191	3	Mathematics 117 or 192	3
Military Science as required (or elective)		Military Science (or elective)	
Physical Education	1	Physical Education	1

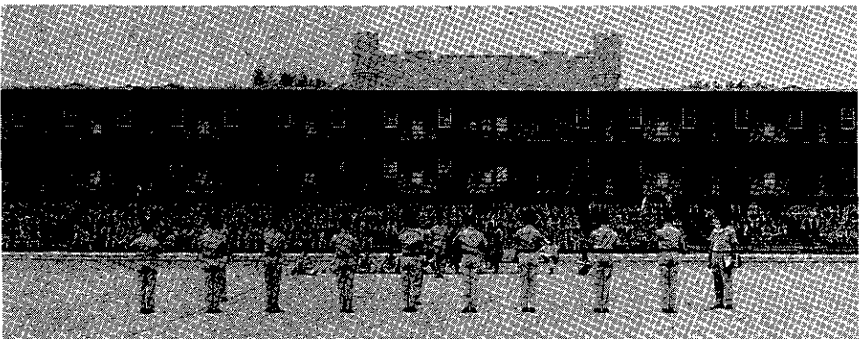
College Sophomore Year

Fall		Spring	
Biology 209 or 213	4	Biology 210 or 214	4
Chemistry 213	5	Chemistry 214	5
History 211	3	History 212	3
Military Science (or elective)		Military Science (or elective)	
Physical Education	1	Physical Education	1

*WILDLIFE, FORESTRY, OR RANGE SCIENCE MAJORS: Courses are much the same as for a Biology Major, with Speech 123 and Economics 211 as desirable electives.

***ASSOCIATE OF SCIENCE IN BUSINESS**

*The Associate of Science degree in Business (ASB) has two options for concentration; one in midmanagement, and one in data processing. There are also options determined by student goals. For the student desiring career employment after two years at NMMI, the English sequence should be 114-115, which specializes in English for business. For those undecided, or wanting definitely to pursue a four-year degree, the English 111, 112 sequence should be taken.



MIDMANAGEMENT EMPHASIS**College Freshman Year**

Fall		Spring	
English	3	English	3
Intro. to Business 111	3	History 102 or 212	3
Math 111 or 113	3	Computer Concepts 151	3
History 101 or 21	3	Lab Science	3
Lab Science	4	**Typing 101	3
Physical Education	1	Physical Education	1
Military Science as required (or elective)		Military Science as required (or elective)	

College Sophomore Year

Fall		Spring	
Accounting 113	3	Accounting 114	3
Economics 211	3	Economics 212	3
Social Science elective	3	Business Law 202	3
Humanities	3	Prin. of Finance 226	3
Intro to Management 201	3	Elective	3
Physical Education	1	Physical Education	1
Military Science as required (or elective)		Military Science as required (or elective)	

DATA PROCESSING EMPHASIS**College Freshman Year**

Fall		Spring	
English	3	English	3
**Typing 111	3	Intro. to Data Processing 161	3
Intro. to Business 111	3	Computer Languages 181	3
Computer Concepts 151	3	Social Science elective	3
Math 111 or 113	3	Humanities elective	3
Physical Education	1	Physical Education	1
Military Science as required (or elective)		Military Science as required (or elective)	

College Sophomore Year

Fall		Spring	
Programming Techniques 182	3	Systems Analysis II 214	3
Economics 211	3	Business Law 102	3
Systems Analysis I 213	3	Laboratory Science	4
Laboratory Science	4	Electives	3-4
Physical Education	1	Physical Education	1
Military Science as required (or elective)		Military Science as required (or elective)	

**Student may test out of typing

CHEMISTRY MAJOR

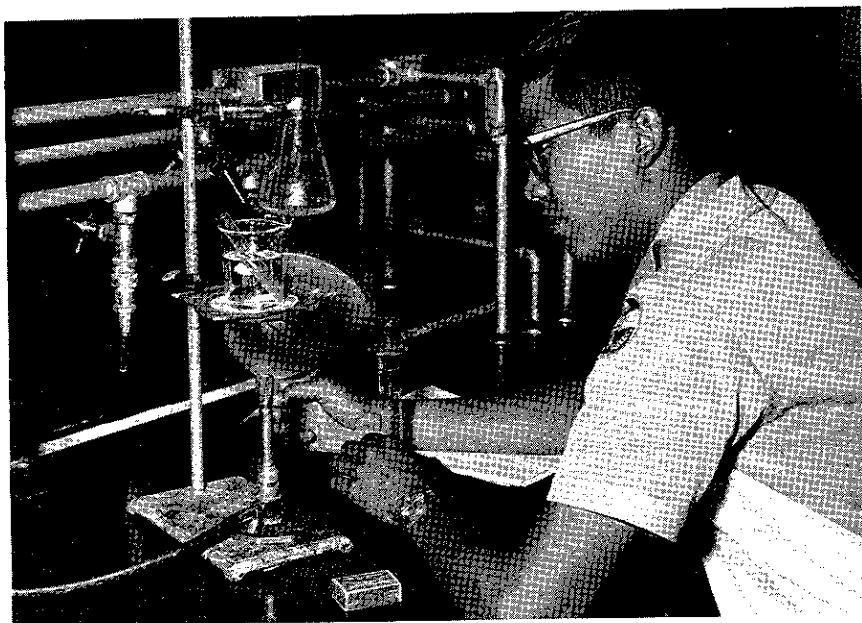
College Freshman Year

Fall		Spring	
Chemistry 113	5	Chemistry 114	5
Mathematics 121	5	Mathematics 122	5
English	3	English	3
German 111	4	German 112	4
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
Chemistry 213	5	Chemistry 214	5
Physics 111	4	Physics 112	4
*German 211	3	*German 212	3
Humanities Elective	3	Humanities Elective	3
Military Science as (or elective)		Military Science (or elective)	
Physical Education	1	Physical Education	1

*Some universities may require only one year of language. If this is true for you, this six hours should be replaced with mathematics or social science.



ENGLISH MAJOR**College Freshman Year**

Fall		Spring	
English	3	English	3
Mathematics 113	3	Biology 102	4
Biology 101	4	Philosophy 111	3
Speech 123	3	English 231 (Drama)	3
Music Appreciation 113	3	Military Science as required (or elective)	
Military Science as required (or elective)		Physical Education	1
Physical Education	1		

College Sophomore Year

Fall		Spring	
English 235 or 221	3	English 236 or 222	3
History 211	3	History 212	3
Art Appreciation	3	Sociology 211	3
Psychology 211	3	Psychology 212	3
English 104 (Grammar)	1	English 105 (Vocabulary)	1
Foreign Language	4	Foreign Language	4
Military Science as required (or elective)		Military Science (or. elective)	
Physical Education	1	Physical Education	1

FINE ARTS MAJOR**College Freshman Year**

Fall		Spring	
English	3	English	3
*Science	3-4	Science	3-4
Language	3	Language	3
Art 102	3	Art 102	3
Art 103 or 104	3	Art 103 or 104	3
Military Science as required (or elective)		Military Science (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
Language	3	Language	3
*Soc. Science	3	Soc. Science	3
Art 111	3	Art 112	3
Art 203 or 204	3	Art 203 or 204	3
Art 105, 106 or 107	3	Art 105, 106 or 107	3
Military Science as required (or elective)		Military Science (or elective)	
Physical Education	1	Physical Education	1

*Recommend Biology or Chemistry; History of Western Civilization

GERMAN MAJOR**College Freshman Year**

Fall		Spring	
English	3	English	3
Mathematics	3	Speech 123	3
History 101	3	History 102	3
German 111	4	German 112	4
Military Science as required (or elective)		Military Science (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
Laboratory Science	4	Laboratory Science	4
History 211	3	History 212	3
German 211	3	German 212	3
English 221	3	English 222	3
Military Science as required (or elective)		Military Science (or elective)	
Physical Education	1	Physical Education	1

HISTORY, POLITICAL SCIENCE, PRE-LAW**College Freshman Year**

Fall		Spring	
English	3	English	3
Mathematics 113	3	*Laboratory Science	4
*Laboratory Science	3-4	History 212	3
History 211	3	**Military Science (or elective)	
Military Science as required (or elective)		Foreign Language	4
Foreign Language	4	Physical Education	1
Physical Education	1		

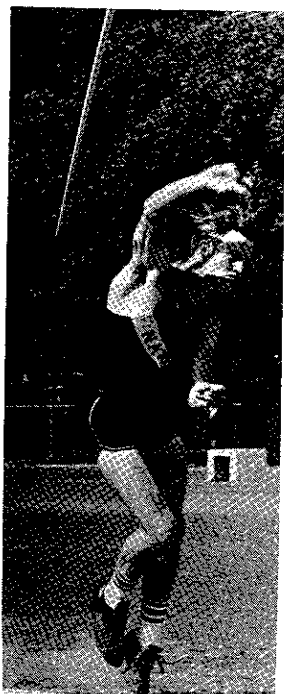
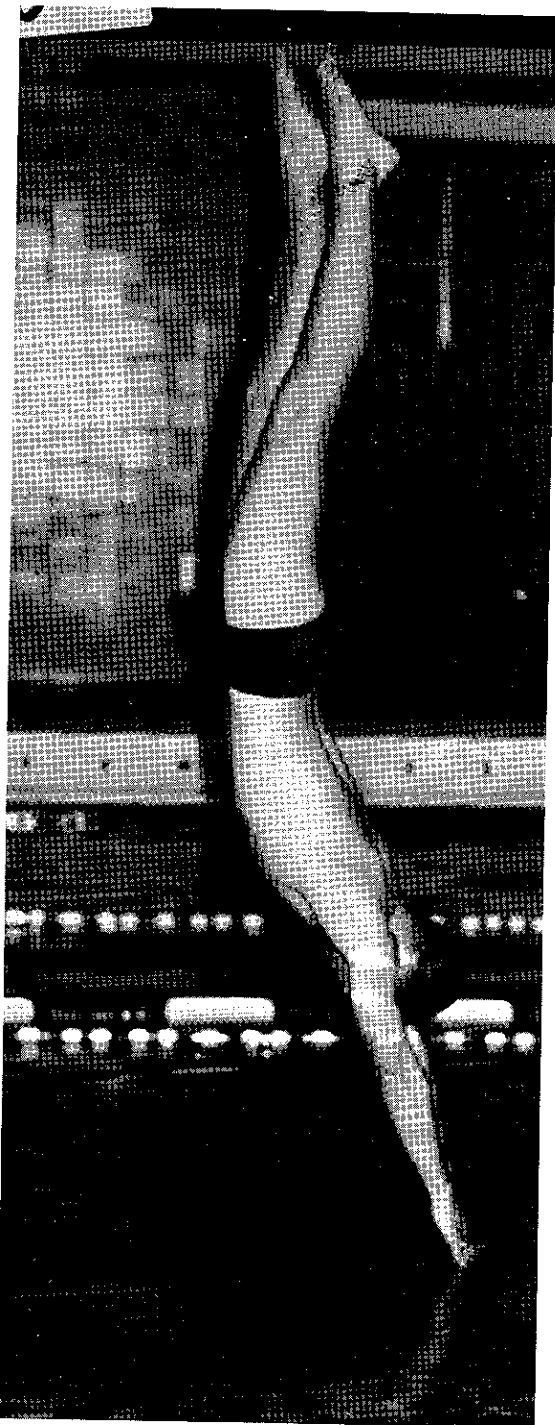
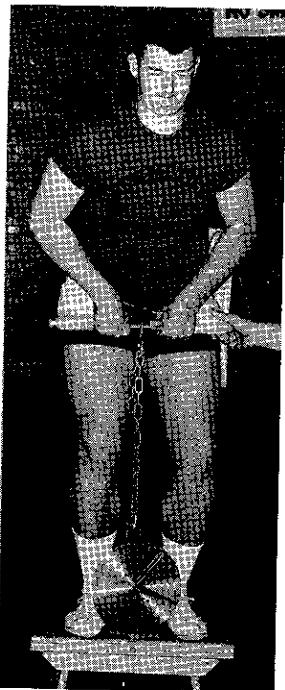
College Sophomore Year

Fall		Spring	
Economics 211	3	Social Science Elective	3
***Social Science Elective	3	History 102	3
Political Science 111	3	Economics 212	3
Foreign Language or Humanities Elective	3	Foreign Language or Humanities Elective	3
Military Science as required (or elective)		Military Science (or elective)	
History 101	3	Physical Education	1
Physical Education	1		

*Any of the laboratory sciences would be suitable.

**Strongly recommend that elective hours be in the following courses: English 123, Business Administration 111, or a continuation of the foreign language.

***Social Science electives could be taken from among Geography, Anthropology, Psychology, Sociology.



LATIN AMERICAN STUDIES

College Freshman Year

Fall		Spring	
English	3	English	3
Geography 250	3	Mathematics	3
Spanish (if required)	4	Spanish (if required)	4
History 281	3	History 282	3
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
Lab Science	4	Lab Science	4
Spanish 231	3	Civilization 296	3
History 211	3	Spanish 232	3
Economics 211	3	History 212	3
Spanish and/or Military Science (or elective)	3	Spanish and/or Military Science (or elective)	3
Physical Education	1	Physical Education	1

*LAW ENFORCEMENT

College Freshman Year

Fall		Spring	
Intro to Law Enforcement 101	3	Administration of Justice 102	3
English	3	English	3
Laboratory Science	4	Laboratory Science	4
History 211	3	History 212	3
Military Science as required (or elective)		Military Science (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
Criminal Law I 201	3	Criminal Law II 202	3
Science 110 Computer Concepts	3	Mathematics	3
Humanities Elective	3	Humanities Elective	3
Psychology 111	3	Sociology 101	3
Military Science as required (or Conversational Spanish)		First Aid 110	2
Physical Education	1	Military Science as required (or Conversational Spanish)	
		Physical Education	1

*This program is designed to introduce interested students into the field of law enforcement, and to provide the basic courses in the first two years of a four-year program, allowing transfer without problems.

LIBERAL ARTS*College Freshman Year**

Fall		Spring	
English	3	English	3
Laboratory Science	4	Foreign Language	4
Foreign Language	4	Laboratory Science	4
Social Science Elective	3	Computer & Society 110	3
Military Science as required (or elective)		Military Science (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
Mathematics 111 or 113	3	Humanities Elective	3
American History 111	3	American History 112	3
Humanities Elective	3	Electives	6-9
Electives	3-6	Military Science (or elective)	
Military Science as required (or elective)		Physical Education	1
Physical Education	1		

*The Liberal Arts program of study has been designed to offer courses that fit the requirements of a number of careers that might later be chosen. Students are encouraged to explore several fields while making normal progress toward the Associate degree.

MATHEMATICS MAJOR**College Freshman Year**

Fall		Spring	
English	3	English	3
Chemistry 111 or Physics 111	4-5	Lab Science Sequence	4-5
Mathematics 191	3	Mathematics 192	3
German 111	4	German 112	4
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
History 211	3	History 212	3
Sociology 101	3	Drama 121	3
Economics 211	3	Philosophy 111	3
Mathematics 291	3	Mathematics 292	3
German 211	3	German 212	3
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

PRE-DENTAL*College Freshman Year**

Fall		Spring	
English	3	English	3
Biology 101	4	Biology 102	4
Chemistry 113	5	Chemistry 114	5
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
Chemistry 211	5	Biology 214	4
Physics 111	4	Physics 112	4
History 211	3	History 212	3
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

*Prospective dental students should consult catalogs of their intended dental school. The requirements vary. This is a core of courses advised by the University of New Mexico.

PRE-PHARMACY**College Freshman Year**

Fall		Spring	
English	3	English	3
Chemistry 113	5	Chemistry 114	5
Biology 101	4	Biology 102	4
Mathematics 113	3	Mathematics 117	3
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
Chemistry 213	5	Chemistry 214	5
Physics 111	4	Physics 112	4
Economics 211	3	Speech 123	3
History 211	3	History 212	3
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

PRE-ENGINEERING**College Freshman Year**

Fall		Spring	
English	3	English	3
Mathematics 191	3	Mathematics 192	3
Chemistry 113	5	Chemistry 114	5
Mathematics 143	3	Mathematics 144	3
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
English 114 (Business English) or 123 (Speech)	3	Mathematics 292	3
Mathematics 291	3		
Physics 213	5	Physics 214	5
History 211	3	History 212	3
Humanities Elective	3	Humanities Elective	3
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

PRE-MED*College Freshman Year**

Fall		Spring	
English	3	English	3
French or German 111	3	French or German 112	3
Biology 101	4	Biology 102	4
Chemistry 113	5	Chemistry 117	5
Mathematics 113	3	Mathematics 117	3
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
English 221 or 222	3	Psychology 211	3
French or German 211	3	French or German 212	3
Physics 111	4	Physics 112	4
Chemistry 222	4	Biology 213 or 214	4
History 211	3	History 212	3
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

*Pre-Med is an overload program, but as many as possible of these courses should be completed by the end of the second year.

PRE-VETERINARY*College Freshman Year**

Fall		Spring	
Biology 209 or 210	4	Agriculture 102	3
Chemistry 113	5	Biology 213 or 214	4
Mathematics 113 or 191	3	Chemistry 114	5
English	3	Mathematics 117 or 192	3
Military Science as required (or elective)		English	3
		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
Economics 211	3	Speech 123	3
Physics 111	4	Physics 112	4
Government 111	3	Mathematics 291 or 292	3
Biology 209 or 210	4	Biology 213 or 214	4
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

*Pre-Veterinary is an overload program, but as many as possible of these courses should be taken. NMMI mathematics courses through Math 222 would be desirable.

SPANISH MAJOR**College Freshman Year**

Fall		Spring	
English	3	English	3
Mathematics	3	Speech 123	3
Geography 250	3	Civilization 296	3
Spanish 111	4	Spanish 112	4
Military Science as required (or elective)		Military Science as required (or elective)	
Physical Education	1	Physical Education	1

College Sophomore Year

Fall		Spring	
Laboratory Science	4	Laboratory Science	4
History 211	3	History 212	3
Spanish 211	3	Spanish 211	3
Spanish 231	3	Spanish 232	3
History 281	3	History 282	3
(or Military Science)		(or Military Science)	
Physical Education	1	Physical Education	1



COLLEGE COURSES

THE DIVISION OF HUMANITIES

English

EN 101-102 — Corrective English A. Cr. 3 - 3 hrs.

Designed for students who need practical experience in English. Placement by examination. Fulfills a "terminal" requirement for graduation but does not replace English 111-112 for transfer to four-year colleges.

EN 103 — Corrective English. Cr. 3 hrs.

A continuation of English 102. Restricted enrollment. An intensive study of college grammar, spelling vocabulary, and paragraph development. Fulfills a "terminal" requirement for graduation as a sequence with English 102 but not intended as a replacement for English 111. This course is a combination of English 104, 105 and 106.

EN 104 — Grammar. Cr. 1 hr.

A thorough review of the principles of written English with concentration on usage problems in college composition courses. Programmed materials enable students to work at their own rate. Recommended for students who have completed English 102 but not restricted to them.

EN 105 — Spelling and Vocabulary. Cr. 1 hr.

A review of spelling demons and vocabulary commonly used in college composition. Programmed studies enforced by classroom drill enable students to work at their own rate. Recommended for students who have completed English 102 but not restricted to them.

EN 106 — Paragraphs. Cr. 1 hr.

A study of the paragraph from a pragmatic stance. After studying models from peer writing, students develop their own paragraphs by such techniques as process, comparison and contrast, analogy, classification, analysis, definition, and others.

EN 111-112 — Freshman English. Cr. 3 - 3 hrs.

Expository Composition, including the study of rhetoric, vocabulary, grammar, and models for writing. 112 introduces poetry, short story, drama, and novel. Requires critical essays about the Literature. Recommended for all cadets who transfer to four-year colleges.

***EN 114 — Effective English for Business. Cr. 3 hrs. each.**

Stresses the accurate and critical reading and writing of letters, reports, outlines, and other business communications.

***EN 115 — Letters and Reports. Cr. 3 hrs.**

A study of the mechanical forms of business letters and the psychological principles that help the writer achieve the best results; a review of letter forms.

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

Prerequisite: Permission of instructor.

*Continuing Education Division: fee basis only.

LT 221 — English Literature. Cr. 3 hrs.

Survey of major writers of English literature from Chaucer to Boswell with some attention to minor authors, trends, and backgrounds. One oral report, one paper. Prerequisite: English 111.

LT 222 — English Literature. Cr. 3 hrs.

Continuation of English 221 from Wordsworth to the present. One oral report, one paper. Prerequisite: English 112.

EN 231 — Introduction to Drama. Cr. 3 hrs.

Dramatic art from Aeschylus to the present. Collateral readings included. Prerequisite: English 111.

LT 235-236 — American Literature. Cr. 3 hrs.

American writing from the colonial period to the Civil War with emphasis upon the chief figures. Historical and literary developments are studied, and a critical review is required. Prerequisite: English 111-112. English 236 considers modern American writers. Research unit required. Prerequisite: English 112.

EN 237 — Creative Writing. Cr. 3 hrs.

Reading and extensive practice in the writing of short fiction and poetry. Prerequisite: English 112 or consent of instructor.

Speech**SH 123 — Public Speaking. Cr. 3 hrs.**

Principles of public speaking and address. Emphasis on technique and content. Prerequisite: Permission of Instructor.

SH 124 — Speech: Problems in Discussion and Argumentation. Cr. 3 hrs.

Practice in group discussion of varied subjects in order to discover the techniques and responsibilities of effective group behavior for both leader and participants. Recommended to follow English 123, although no previous speech work is required.

Journalism**JL 110 — (Newswriting and Reporting). Cr. 3 hrs.**

Fundamentals of newswriting as a profession. Covers the history of journalism and the role of the press in American government and society.

JL 111 — Feature and Editorial Writing). Cr. 3 hrs.

Continuation of 110.

Reading**RD 110 — Corrective Reading. Cr. 1 hr.**

Required for students whose orientation test scores fall below the thirtieth percentile. One or two semesters, depending on progress. \$5.00 lab fee.

RD 111 — Developmental Reading. Cr. 1 hr.

Reading improvement on a developmental level, including basic and advanced study methods for textbooks. 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. Additional fee.

Foreign Language**Registration Instructions:**

- (a) Two years of the language in high school, register for 211
- (b) No previous courses in the language, register for 111.

Language Laboratory:

Each student in the 111-112 series college modern languages will have two periods in the language laboratory per week. Laboratory fee: \$5.00 per semester.

GR 111-112 — Elementary German. Cr. 4-4 hrs.

Comprehensive and oral proficiency is stressed, as well as reading ability and thorough background in grammar. The course meets daily with three hours of lecture and two hours of laboratory per week. Stress on practical speaking.

GR 211-212 — Intermediate German Cr. 3-3 hrs.

Further grammatical and language study, stress on effective reading. Pre-requisite: German 112 or satisfactory grade on placement test following two years of high school German or permission from the instructor.

SP 103-104 — Conversational Spanish. Cr. 3-3 hrs.

Oral communication and the acquisition of practical vocabulary. Designed to meet basic travel and business needs.

SP 111-112 — Elementary Spanish. Cr. 4-4 hrs.

A course stressing the basic skills: listening comprehension, speaking, reading, writing and grammar. The course meets daily with three hours of lecture and two hours of laboratory per week.

SP 211-212 — Intermediate Spanish. Cr. 3-3 hrs.

Extensive readings; translations; conversation; written reports. Prerequisite: Spanish 112 or satisfactory grade on placement test following two years of high school Spanish or permission from the instructor.

SP 231-232 — Introduction to Spanish Literature Cr. 3-3 hrs.

Conducted in Spanish. History, culture, outstanding authors, literary movements and trends. Prerequisite: Spanish 211-212, placement test or permission from the instructor.

SP 296 — Introduction to Latin American Civilization. Cr. 3 hrs.

The development of European civilization in Latin America and its fusion with the various indigenous cultures. To be taught interdepartmentally by the Language and Social Science Departments.

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

Prerequisite: Permission of Instructor.



FINE ARTS

Music

MU 101-102 — Band. Cr. 1-1 hr.

101, first semester only; marching band. 102, second semester only; concert band, including reading compositions and presenting two concerts. Prerequisite: Music 101 and/or permission of the director.

MU 201-202 — Band. Cr. 1-1 hr.

Continuation of Music 101-102.

MU 103-104 — Choir. Cr. 1-1 hr.

A study and performance of chorale literature for men's voices.

MU 203-204 — Choir. Cr. 1-1 hr.

Continuation of Music 103-104.

MU 108 — Fundamentals of Music. Cr. 3 hrs.

A study and exercise of the fundamentals of harmony, sightreading, ear training, notation, and elementary piano. Prerequisite: a performing media such as piano, voice, orchestral instrument, or permission of department head.

MU 113 — Music Appreciation. Cr. 2 hrs.

A study of early, pre-Renaissance, Renaissance, baroque, rococo, classical romantic, post-romantic, nationalistic, neo-classic and contemporary periods; evolution of jazz, popular music, electronic media and other innovations. Learning what to listen for in music.

MU 121 — Ensembles. Cr. 1 hr.

Concert experience with symphonic groups. Includes rehearsal hours plus concerts. Credit awarded in the Spring. Prerequisite: Permission of instructor.

MU 145 — Applied Lessons. Cr. 1 hr.

Private instruction in piano, voice and orchestral instruments. Includes one half-hour lesson per week with two hours of required practice time.

MU 147 — Applied Lessons. Cr. 2 hrs.

Same as above except two lessons per week, four hours of practice time.

MU 105 — Stage Band. Cr. 1 hr.

A study of the evolution of jazz and popular music. Prerequisite: Permission of instructor.

Drama

***DR 121 — Introduction to Theatre. Cr. 3 hrs.**

A comprehensive study of the arts, crafts, traditions, personnel, techniques and organization of the Western theatre. Survey of history and literature. Demonstrations, play productions, recordings, and films.

(See also — EN 231, Introduction to Drama)

Art

***AR 100 — General Crafts. Cr. 3 hrs.**

An introductory course involving batik, tie dying, silk screen, block printing, off loom weaving with application to textile design.

***AR 101 — General Crafts. Cr. 3 hrs.**

Introduction to techniques of copper enameling, mosaics, wood carving, and papier-mache.

***AR 102-202 — Drawing, Beginning and Advanced. Cr. 2-2 hrs.**

Principles of drawing with emphasis on visual perception and materials. Advanced, the principles of drawing applied to the human figure. Prerequisite for 202: AR 102.

***AR 103-203 — Painting, Beginning and Advanced. Cr. 3-3 hrs.**

A study of the basic techniques of painting. Advanced gives emphasis to student's individual expression and mastery of the painting medium. Prerequisites for 203: AR 103 and 110.

***AR 104-204 — Techniques of Sculpture. Cr. 3-3 hrs.**

Basic and advanced techniques in sculptural form and expression including figure drawing, modeling in clay directly from the human figure, carving in various woods and stones, and construction in various other media such as plaster of Paris, ceraweld wax, and plastics. Prerequisites for 204: AR 101 and 104.

***AR 105-205 — Weaving, Beginning and Advanced. Cr. 3-3 hrs.**

Investigation of the various techniques in loom weaving. Prerequisites for 205: AR 100 and 105, or permission of the instructor.

***AR 106-206 — Ceramics, Beginning and Advanced. Cr. 3-3 hrs.**

Basic techniques of preparing, forming, and firing clay objects. Advanced, forming bowls, pitchers, lidded pots on the potter's wheel. Experience in stacking and firing kilns. Prerequisite for 206: AR 106 or permission of the instructor.

***AR 107-207 — Jewelry, Beginning and Advanced. Cr. 3-3 hrs.**

Basic forming, forging, soldering, and casting techniques. Advanced places emphasis on student's individual expression in stone setting, construction match jewelry. Prerequisite for 207: 107 or permission of the instructor.

***AR 110 — Studio Fundamentals. Cr. 3 hrs.**

A basic studio course for the artist: practical methods of caring for materials, preparing grounds for painting, and the practicing techniques of oil, acrylic and water-color painting.

AR 111-112 — Art History. Cr. 3-3 hrs.

Introduction to the elements and principles of painting, sculpture and architecture. Survey of western art from Greco-Roman times to the Renaissance and Modern time. Term papers required. No prerequisite.

FA 199 — Special Problems. Cr. 1 to 3 hrs.

Prerequisite: Permission of instructor.

***FA 201-202 — Art Appreciation: Man and Civilization. Cr. 3 hrs.**

A survey of the evolution of the arts, music, and literature of Western civilization. Emphasis on the painting, sculpture and literary works of outstanding men of each period. No prerequisite. Permission of instructor required.

***FA 203 — The Film as Art. Cr. 2 hrs.**

Surveying the development of the film as an art form. Emphasis on the elements and principles of motion picture production, the role of the director as creative artist, and the techniques of film making. A term paper is required.

*Continuing Education Division: fee basis only

THE DIVISION OF NATURAL SCIENCE AND MATHEMATICS

Biology

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

Fundamental principles of biology, including a brief introduction to the major groups of plants and animals. An introduction to more advanced courses. Laboratory fee: \$7.50 per semester.

BI 199 — Special Problems in Biology. Cr. 1 to 3 hrs.

Prerequisite: Permission of instructor.

BO 208 — Plant Biology. Cr. 4 hrs. (3+3L)

Structure, physiology, heredity, environmental relationships and evolution of higher plants. Required basic course for certain areas of study in agriculture, biology, conservation, and related fields. Laboratory fee: \$7.50.

BO 210 — The Plant Kingdom. Cr. 4 hrs. (3+3L)

A detailed study of the characteristics, life cycles, and natural relationships of types representing all divisions of the plant kingdom. Required for further work in certain areas of biology, agriculture, conservation, and related fields. Laboratory fee: \$7.50.

ZO 213 — Biology of the Invertebrates. Cr. 4 hrs. (3+3L)

A survey and comparative study of the invertebrate groups. Intensive investigation in laboratory. Especially recommended for careers in agriculture, biology, medicine, and allied fields. Prerequisite: one year of biology in college or high school. Laboratory fee: \$7.50.

ZO 214 — Biology of the Vertebrates. Cr. 4 hrs. (3+3L)

Evolution, structural patterns, functions, adaptations, ecology, and natural history of the vertebrates. Prerequisite: one year of biology in college or high school. Laboratory fee: \$10.00.

BI 216 — Human Anatomy and Physiology. Cr. 3 hrs. (3+3L)

Structure and function of the human body. Prerequisite: one year of biology in college or high school. Laboratory fee: \$7.50.

BI 232 — Principles of Ecology. Cr. 4 hrs. (3+3L)

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. Laboratory fee: \$7.50.

Agriculture**AG 101 — Introduction to Animal Science. Cr. 3 hrs. (2+2L)**

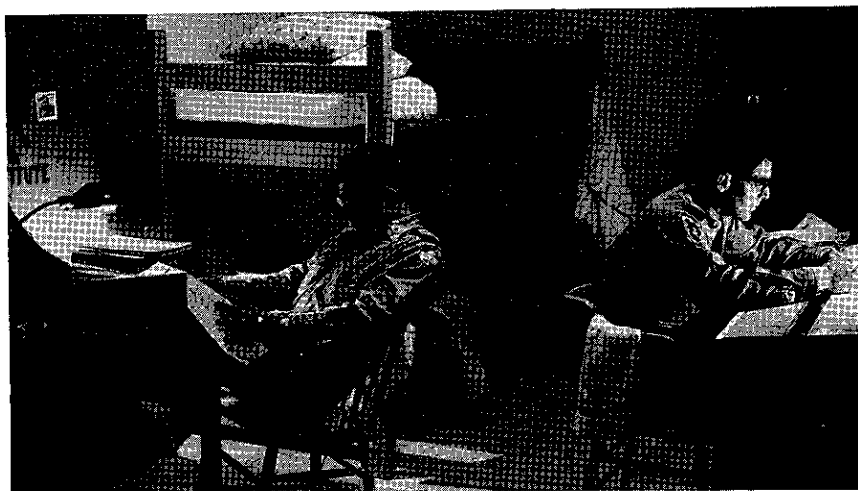
Livestock industry in the Southwest; feeding, breeding, marketing, and management; selection for breeding and market. Laboratory fee: \$7.50

AG 104 — Feeds and Feeding. Cr. 3 hrs.

Grades, classes and nutritive value of feeds; determination of rations for different classes of livestock.

AG 202 — Introduction to Ranch Management. Cr. 3 hrs. (2+2L)

Carrying capacity and proper stocking of range with livestock; identification, ecology, and forage value of range plants; revegetation, noxious plant control; range economics. Laboratory fee: \$7.50.

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

For the nonscience major. Fundamental laws and principles of chemistry. Introduction to organic chemistry in the second semester. Laboratory fee: \$10. per semester.

CH 113-114 — Inorganic Chemistry and Qualitative Analysis
Cr. 5-5 hrs. (3+6L)

Required basic course for chemistry, engineering, medicine, pharmacy, agriculture, etc. Molecular and atomic theories, chemical equilibrium, ionization, period law, common elements and their compounds. Second semester, an introduction of common anions and cations. Prerequisite: Math 113 or higher. (May be taken concurrently.)

CH 199 — Special Problems in Chemistry. Cr. 1 to 6 hrs.
 Prerequisite: Permission of instructor.

CH 211 — Basic Organic Chemistry. Cr. 5 hrs. (3+6L)

Selected topic in the aliphatic and aromatic series for agriculture, pre-medical, pharmacy, and engineering students majoring in chemistry. Prerequisite: Chemistry 112 or 114. Laboratory fee: \$12.50.

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

Primarily for science majors. Lecturers; discussion of basic organic types of aliphatic and aromatic compounds, isomerism, structural and electronics theories of reactions. Laboratory work. Prerequisite: Chemistry 112 or 114. Laboratory fee: \$15.00 per semester.

Mathematics

MA 100 — Basic Mathematics. Cr. 3 hrs.

Addition and subtraction of whole numbers; multiplication and division of whole numbers; fractions and mixed numbers; decimals and percentage. Simple linear algebraic equations are introduced as an additional device to be used in learning the basic operations. Course can be taken only with the approval of the instructor. Meets graduation requirements.

MA 105 — Basic Computer Programming. Cr. 3 hrs.
2 lectures, 2 lab hours per week.

Students will learn and utilize elements of BASIC, a computer programming language, in the writing and running on the computer of several programs that solve problems from science, math and engineering. Prerequisite: high school algebra or Math 111 or consent of faculty. Meets math requirements for graduation.

MA 111 — Intermediate Algebra. Cr. 3 hrs.

Signed numbers, addition and subtraction, multiplication, division; equations and stated problems; factoring; fractions; roots and radicals; graphs; ratio; the binomial theorem, etc.

MA 113 — College Algebra. Cr. 3 hrs.

Factoring, fractions, exponents and radicals, linear and quadratic equations, ratio and proportion, progressions, logarithms, etc. Prerequisite: Mathematics 111 or satisfactory grade on screening test.

MA 117 — Trigonometry. Cr. 3 hrs.

Trigonometric functions, logarithmic functions, trigonometric identities and equations, radian measure, inverse trigonometric functions, practical applications. Prerequisite: Mathematics 113.

MA 126 — Mathematics of Finance. Cr. 3 hrs.

Simple interest and discount, compounded interest, equations of value and payment, annuities, sinking funds, life insurance, etc. Prerequisite: Mathematics 113 or equivalent.

MA 130 — Elementary Surveying. Cr. 3 hrs. (2+2L)

Measurement of distance, direction, and angles. Use of the tape, compass, transit, level, and plane in the field. Methods of field work. Recording of data. Calculation of land areas. Plotting and finishing maps. Prerequisite: trigonometry, graphics, and consent of instructor.

MA 135 — Topics in Linear Algebra. Cr. 3 hrs.

Designed for non-science students and specifically oriented toward business majors. Emphasizes methods applicable to computers. Covers matrix algebra and introduction to linear programming. Emphasis given to linear algebraic techniques.

MA 141 — Engineering Drawing I. Cr. 2 hrs. (L+3L)

The international language describing the size, shape, and relationship of physical objects, employing two methods of writing: freehand and instrument. Prerequisite: Plane Geometry. Laboratory fee: \$5.00.

MA 142 — Elements of Basic Residential Planning. Cr. 3 hrs. (2+2L)

Planning and designing the basic areas of a dwelling. Preparing basic architectural drawings such as floor plans, elevations, and pictorial drawings. Prerequisite: one credit of Mechanical Drawing or Mathematics 141. Laboratory fee: \$5.00.

MA 143 — Advanced Engineering Drawing. Cr. 3 hrs. (2+2L)

Combination of those arts and sciences of drawing applicable to the solutions of engineering, science, and architecture problems. Prerequisite: one or more years of Mechanical Drawing and approval of instructor. Laboratory fee: \$5.00.

MA 144 — Descriptive Geometry. Cr. 3 hrs. (2+2L)

Graphical method of solving solid (or space) analytic geometry problems. Basic in solving many engineering, science, and architecture problems. Prerequisite: Mathematics 143. Laboratory fee: \$5.00.

MA 191 — Calculus I. Cr. 3 hrs.

Differential calculus of functions of one real variable with applications. Prerequisite: Satisfactory grade on mathematics screening test or Mathematics 117 with a grade of C or better.

MA 192 — Calculus II. Cr. 3 hrs.

Integral calculus of functions of one real variable with applications. Prerequisite: Mathematics 191.

MA 199 — Special Problems in Mathematics. Cr. 1 to 3 hrs.

Prerequisite: Permission of instructor.

MA 291 — Calculus III. Cr. 3 hrs.

Polar coordinates, infinite series, and introduction to vectors. Prerequisite: Mathematics 192.

MA 292 — Calculus IV. Cr. 3 hrs.

Linear algebra, partial differentiation, and multiple integrals. Prerequisite: Mathematics 291.

Physics**PH 101 — Use of the Slide Rule. Cr. 1 hr.**

A study of the slide rule to include use of the trigonometric scales as well as those for basic multiplication, division, squaring, and cubing. Practical problem solving including proportion, percentages, areas, and dimensions.

PH 107 — Engineering Problems. Cr. 2 hrs.

An introduction to the fundamental language of engineering and the types of elementary problems which commonly are met. Logarithms and the slide rule are used extensively.

PH 111-112 — College Physics. Cr. 4-4 hrs. (3+3L)

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. Laboratory fee: \$7.50 per semester.

PH 121 — Physical Meteorology. Cr. 2 hrs.

The atmosphere, its height and pressure; winds; precipitation; thunderstorms; cyclones. Prerequisite: high school physics or Physics III, or permission of instructor.

PH 151 — Elements of Electricity. Cr. 3 hrs.

Foundation for radio, television, radar, power plants, power distribution, and other practical applications. Ohm's Law, power and energy conductors, measurement of resistance, magnetism, magnetic circuits, generators, AC and DC generators, motors, batteries, etc. Laboratory fee: \$5.00.

PH 161 — Photography. Cr. 3 hrs. (3+3L)

Principles of photography. Proper exposure, development of film, printing, enlarging, micro-photography, color photography, preparation of slides. Student required to own a camera of at least moderate versatility. Prerequisite either high school or college Physics or Chemistry. Laboratory fee: \$10.00.

PH 199 — Special Problems in Physics. Cr. 1 to 3 hrs.

Prerequisite: permission of instructor.

PH 213-214 — Engineering Physics. Cr. 5-5 hrs. (3+4L)

Fundamental for engineers, science students, and pre-medics. Mechanics, molecular physics, and heat. Quantitative laboratory work; minimum of sixteen experiments per semester. Second semester: electricity, sound, and light. Prerequisite: college Trigonometry or equivalent. Calculus is strongly recommended as a corequisite. Laboratory fee: \$7.50 per semester.

PH 222 — Statics. Cr. 3 hrs.

Engineering mechanics using vector methods. Includes study of rigid bodies in equilibrium, sense of gravity, beams, flexible cables and trusses. Prerequisite: high school or college physics. Calculus corequisite or consent of instructor required.

Geology**ES 111 — Physical Geology. Cr. 4 hrs. (3+4L)**

General principles of physical geology. Laboratory exercises include study of maps and specimens; trips illustrate weathering, desert geology, wind erosion, igneous and stratified rocks, volcanic structures, caverns. Laboratory fee: \$5.00.

ES 112 — Historical Geology. Cr. 4 hrs. (3+4L)

Evolution of the earth and its inhabitants, with special reference to North America. Introductory study of fossils, including laboratory exercises on fossils found on field excursions into areas of New Mexico. Prerequisite: Geology 111. Laboratory fee: \$5.00.

Science**SC 110 — Computer and Society. Cr. 3 hrs. (2+2L)**

A general education course highly recommended for all students. Examines the impact of the computer upon society — now and in the future — social, economic and psychological factors are considered. Elements of a programming language are taught, utilizing topics from social sciences, business, science and math.

Aviation**AV 101 — Aerospace Education. Cr. 3 hrs.**

Designed for students interested in understanding the scientific and technological fundamentals involved in flight. Encompasses the equivalence of a Federal Aviation Administration private pilot ground school and prepares students to take FAA private pilot written examination. Program includes student experimentation, field studies, long term projects plus classroom instruction. Prerequisite: permission of instructor. Fees: \$52.50.

***AV 103 — Private Flight. Cr. 2 hrs.**

Instruction to meet requirements for the FAA private pilot certificate. Includes dual instruction, solo flight, ground instruction and ground trainer instruction. Thirty-five flight hours required. Instruction at local flying service as specified. Prerequisite: Aviation 101 unless student has current FAA form 578A indicating completion of private pilot written requirement. Fees: Vary (generally \$16 solo, \$21 dual per hour); total fee \$680.00.

****AV 201 — Intermediate Flight I. Cr. 3 hrs.**

The first of three phases of instruction leading to the FAA Commercial Pilots Certificate. It includes approximately 30 hours of solo flight, 18 hours of dual flight and 10 hours of oral instruction. Prerequisite: Aviation 101, Aviation 103, a valid FAA Private Pilot Certificate or equivalent experience as determined by the Aviation Director. Fee: \$1,043.29.

**Fees for all Flight courses subject to change without notice. Normal range is \$16 solo, \$21 dual per hour.

SOCIAL SCIENCE AND BUSINESS ADMINISTRATION

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

A study of the social, economic, political, philosophical and aesthetic approaches of man from antiquity to the end of the Medieval period. Second semester, man from the early modern era (1500 A.D) to the contemporary period.

HI 110 — American Military History. Cr. 2 hrs.

A study of the development of American military institutions, policies, experience, 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.

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

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. Second semester, a study of the history of the United States from the beginning of Reconstruction to the present. Particular attention to various political, social, and economic movements.

HI 281 — History of Colonial Latin America. Cr. 3 hrs.

A survey course in Latin American History based on political, economic, social and cultural developments of Latin America from its colonial beginning through 1821.

HI 282 — History of Latin America from 1821 to the present. Cr. 3 hrs.

A survey course in Latin American History which examines the republican era with emphasis on political, economic, and social developments.

*Special Programs Division: fee basis only

Political Science**GV 111 — Government of the United States. Cr. 3 hrs.**

A study of U.S. national government, dealing with the origin, nature, and development of the Constitution; organization and powers of the Presidency; administrative agencies; Congress; the Judiciary.

GV 214 — Comparative Government. Cr. 3 hrs.

The principles upon which the United States and powers of Europe base their governments. The United States, Great Britain, France, the Federal German Republic, and the USSR in detail.

Psychology**PS 099 — Convocation. 1 hr.**

Combines elements of student government, current affairs and techniques of adjustment to cadet life. (Not to count on overload — grade of credit)

PS 211 — General Psychology. Cr. 3 hrs.

Man's native and acquired behavior patterns in relation to their contribution to the broad field of human associations.

PS 212 — The Psychology of Adjustment. Cr. 3 hrs.

The principles of general psychology applied to the problems of frustration and conflict encountered in daily living. Two book reports. Prerequisite: Psychology 211.

Sociology**SO 101 — Introduction to Sociology. Cr. 3 hrs.**

An introduction to the study of the nature of human societies. Methods in sociological study, culture and human behavior, social organization, social institutions and social stratification. Basic background in sociological terminology and methodology.

SO 201 — Contemporary Social Problems. Cr. 3 hrs.

An analysis and study of contemporary social problems, their causes, how they affect society. Material includes crime, population and ecological crisis, race relations, alienation of contemporary man, poverty, etc. Prerequisite: Sociology 101 or permission of instructor.

SO 210 — Contemporary Marriage and Family. Cr. 3 hrs.

A study of the nature and forces that help change contemporary family life. All practical aspects of marriage are studied: psychological differences between males and females, courtship behavior, mate selection, conflict and

adjustment in marriage, and the nature of love. Prerequisite: Sociology 101 or permission of instructor.

Social Science 199 — Special Problems. Cr. 1 to 3 hrs.

Prerequisite: Permission of instructor.

Philosophy

PH 111 — Introduction to Philosophy. Cr. 3 hrs.

Familiarization with the philosophical approach; study of philosophical problems of historical significance. Includes critical study of works of important philosophers, aimed at developing the tools of philosophical analysis.

PH 120 — Comparative Religions. Cr. 3 hrs.

An 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.

Geography

GO 102 — Global Environment. Cr. 3 hrs.

A global geographical study of man's interaction within his natural environment, his cultural institutions and his national and supernational organizations.

GO 250 — Geography of South America. Cr. 3 hrs.

A survey course which will analyze the cultural, economic, political and physical factors of South America.

Anthropology

AN 101 — Introduction to Anthropology. Cr. 3 hrs.

Introduction to the nature and scope of anthropology, including the development of man and his cultural phenomena.

Law Enforcement

LE 101 — Introduction to Law Enforcement. Cr. 3 hrs.

The development and philosophy of law enforcement; an overview of crime and law enforcement problems. Considers the organization and jurisdiction of local, State and Federal agencies; surveys professional career opportunities and qualifications required.

LE 102 — Administration of Justice. Cr. 3 hrs.

Considers the court systems and the principles of constitutional Federal, State and civil laws as they apply to and affect law enforcement. Mock investigations and procedures from incident to final court disposition are developed by students.

LE 201 — Criminal Justice I. Cr. 3 hrs.

Examination of rules, principles, and doctrines of criminal law. Covers laws of arrest, search and seizure, criminal procedures and the New Mexico Criminal Code. Prerequisite: LE 102.

LE 202 — Criminal Justice II. 3 hrs.

A continuation of Criminal Justice I, with emphasis on the practical aspects of warrants, summonses and subpoenas; current legal history and constitutional development as they affect the criminal justice system. Prerequisite: Criminal Justice I.

General Education**GE 101-102 — Retirement Planning. Cr. 3-3 hrs.**

Designed to give general information to those of all ages concerning retirement problems and planning and centered around the nine need areas: income, health and mental health, housing and environment, nutrition, education, employment and retirement, transportation, retirement roles and activities, and spiritual well being. Second semester centers on individual planning for retirement by persons 35 to 55 who are prepared to study in depth the nine need areas.

***GE 103 — Retirement Planning. Cr. 3 hrs.**

Individual planning for those 55 and over with more emphasis upon mature living. For students training to work in the retirement and leisure time activities area.

***GE 104 — Retirement Living. Cr. 3 hrs.**

For those who are retired or working toward training in leisure time and retirement activities. A group counseling approach with adjustment as a goal and an introduction to various leisure time activities.

GE 105 — Internship. Cr. 3 hrs.

A minimum of 45 hours of on-the-job experience in a rest home, a hospital or a center for retirees. Three evaluation conferences are held during the semester.

*Continuing Education Division: fee basis only

Business Administration**BA 101 — Typing. Cr. 3 hrs.**

The keyboard and principal parts of the typewriter. Emphasis on writing letters and classroom assignments and term papers. Not for students who have credit for a similar course.

BA 102 — Intermediate Typing. Cr. 3 hrs.

Continuation of Typing BA 101. Use of the typewriter in the presentation of business information and formal business statements. Emphasis on improv-

ing accuracy and speed, as well as efficiency in use of time. Four hours per week, of which two are lab. Fee \$10.00. Prerequisite: BA 101 or equivalent.

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

Survey for first-year college students. Ownership, finance, marketing, managerial controls, and governmental relationships.

BA 112 — Elements of Business Mathematics. Cr. 3 hrs.

Instruction in elementary business mathematics. Emphasis on speed and accuracy in handling mathematical problems which arise every day in business transactions.

BA 113 — Accounting Principles. Cr. 3 hrs.

Basic accounting, record keeping and control related to individual proprietorship. Debits and credits, entries in a general journal, the general ledger and subsidiary ledger, etc. Prerequisite: First Class standing or permission of instructor.

BA 114 — Accounting Principles. Cr. 3 hrs.

Major emphasis on partnerships and corporations. Cost accounting and manufacturing accounting, branch problems and department accounting procedures, voucher system, balance sheets, statements of profit and loss. Analysis of financial statements. Prerequisite: BA 113 or permission of instructor.

BA 116 — Consumer Finance. Cr. 3 hrs.

A study of the use of money and credit, from the viewpoints of both consumer and business. Review of laws pertaining to truth-in-lending and consumer protection. Case studies in home mortgage finance, effective shopping. Evaluation of securities purchase, annuities, and insurance as personal savings devices. No prerequisite.

BA 123 — Business Machines. Cr. 2 hrs.

The use and operation of the typewriter, 10-key adding machine, calculator, and ditto machine.

BA 151 — Computer Concepts. Cr. 3 hrs.

A course to be taken by all students who wish to utilize the power of the computer. The topics to be covered will include Stored Program Concepts, Peripheral Devices, Flow Charting and a rather rigorous introduction to the "Basic" Computer Language.

BA 161 — Introduction to Data Processing. Cr. 3 hrs.

General knowledge of computer applications and terminology, including experience using various types of IBM equipment. No prerequisite.

BA 181 — Computer Languages. Cr. 3 hrs.

Basic components of computer Languages. Introduction to Fortran, Basic, R.P.G. and Cobol; emphasis will be placed on appropriate Languages as indicated by student interest and needs. Prerequisite: BA 111, 151, 161.

BA 182 — Programming Techniques. Cr. 3 hrs. (2, 2L)

Using Programming Languages already learned, the student will apply his knowledge to real programming situations. Student will learn to effectively utilize Peripheral Devices, take advantage of "packaged" sub-routines, and in general become a more efficient programmer.

BA 199 — Special Problems. Cr. 1 to 3 hrs.

Prerequisite: Permission of instructor.

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

An introduction to managerial functions as they apply to business. Planning, organizing, staffing, directing and controlling functions of management are examined in depth. Prerequisite: BA 111.

BA 202 — Business Law. Cr. 3 hrs.

Considers the general knowledge of legal problems pertaining to business operations. Actual case histories and legal precedents established are used to give factual basis to the conclusions offered in the course. Prerequisite BA 111.

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

Management problems of acquiring, allocating and controlling use of funds in the Business enterprise. Prerequisite: BA 111.

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

The role of marketing in Society and in the economy. The Business Firm as a Marketing System. Management of the firm's marketing effort and competitive strategy. Prerequisite: BA 111.

BA 206 — Fundamentals of Salesmanship. Cr. 3 hrs.

Basic principles underlying the Sales Process and their practical application. Study of the promotional mix of advertising, personal selling, and sales promotion. Prerequisite: BA 111.

BA 213 — Systems Analysis and Design I. Cr. 3 hrs.

Build understanding of Systems Analysis and design through the investigation of existing business systems. Student will be involved in actual running systems while going through the various steps, i.e., Evaluation and flow of Source Documents, Personal Interviews, Job Flow, Programming, Documentation, etc.

BA 214 — Systems Analysis and Design II. Cr. 3 hrs.

Application of the Concepts of Systems Analysis and Design I. Student will work on individual or team basis to do a Systems study.

BA 224 — Business Statistics. Cr. 3 hrs.

Basic statistical concepts which are commonly used by businessmen. Emphasis is placed on the application of statistical concepts to the solution of practical business problems. Mathematical treatment is reduced to simplest

terms consistent with the objectives of the course. Prerequisite: First Class standing.

EC 211 — Principles and Problems of Economics. Cr. 3 hrs.

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 Economics. Cr. 3 hrs.

A continuation of Economics 211, 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.

***IB 100 — AIB Principles of Bank Operations. Cr. 3 hrs.**

A study of the fundamentals of bank functions for the beginning banker. Gives a general view of the banking operation.

***IB 113 — AIB Accounting.I. Cr. 3 hrs.**

A study of the nature of business accounting, accounting procedure, accounting for cash, payroll accounting, accounting for personal service enterprise, merchandise, notes and interest, the accrual basis of accounting in a retail business, the periodic summary, etc.

***IB 114 — AIB Accounting. Cr. 3 hrs.**

A detailed study of balance sheet items, comparative statements, financial measurement, cash flow, budget and manufacturing accounting. An in-depth study of accounting theory with emphasis on analyzing data for decision making.

***IB 115 — AIB Analyzing Financial Statements. Cr. 3 hrs.**

A review of general accounting principles and types of business organizations. Characteristics of the balance sheet and income statement. Goals, methods and tools of financial statement analysis. Projection of profits and cash flow.

***IB 147 — AIB Bank Public Relations and Marketing. Cr. 3 hrs.**

Internal and external public relations. The marketing concept in banking. Defining, anticipating and creating customer needs and wants; how to organize the company to satisfy the needs.

IB 148 — Credit Administration. 3 hrs.

A study of the factors influencing and determining loan policies from the executive level, the methods of credit investigation and analysis, credit techniques, specific credit problems, and regular and unusual types of loans.

IB 149 — Home Mortgage Lending. 3 hrs.

A study of the mortgage market, the acquisition of a mortgage portfolio, mortgage plans and procedures, mortgage loan processing and servicing, the obligations of a mortgage loan officer in overall portfolio management.

IB 150 — Installment Credit. 3 hrs.

A study of the techniques of installment lending with emphasis on establishing credit, obtaining and checking information, servicing the loan, and collecting the amounts due. Inventory financing, special loan programs, business development and advertising, and the public relations of installment lending.

IB 151 — Savings and Time Deposit Banking. 3 hrs.

Study of historical development of savings institutions, the basic economic function of the savings process for both individuals and institutions, real savings in relation to capital formation, and financial savings in relation to financial flows of income to capital investment.

IB 152 — Trust Functions and Services. 3 hrs. Credit.

An introduction to the services involved in trust operations with emphasis on the distinction between their business and legal aspects.

6IB 200 — AIB Commercial Law. Cr. 3 hrs.

A study of the general knowledge of legal problems pertaining to business and banking. Covers contracts, consideration, statute of frauds, commercial paper, bank deposits, bank collections, sales, titles, agencies and others. Extracts from the Uniform Commercial Code are provided in a separate booklet as part of the course.

***IB 233 — AIB Supervision and Personnel Administration. Cr. 3 hrs.**

A study of the theory and application of effective supervision and personnel administration which enable administrative personnel to relate to the various problems of personnel through simulation situations and appropriate critiques by the class.

*Continuing Education Division: fee basis only. IB courses recognized by the American Institute of Banking and Savings and Loan Associations for their employees. Not generally recommended for cadets.



DIVISION OF HEALTH AND PHYSICAL EDUCATION

Physical Education

PE 101-102 — Cr. 1-1 hr.

Participation in selected sports activities such as flag football, basketball, volleyball, tennis, weight training, bowling, gymnastics, and water polo.

PE 103-104 — Cr. 1-1 hr.

Same selected sports activities as in 101-102 for the second year college cadet.

PE 110 — First Aid. Cr. 2 hrs.

The American Red Cross course, including the study of techniques necessary in first aid practice. Special emphasis on prevention of accidents through safety procedures. Red Cross certificates will be awarded to those completing the course.

PE 160 — Rules and Officiating Fundamentals of Sports. Cr. 2 hrs.

Designed for those who may become coaches, administrators and officials. Considers general principles and philosophy of officiating as well as study of the mechanics of officiating the sports in the school and/or recreational programs.

PE 160 — Fundamentals of Athletic Training: Cr. 2 hrs.

This course covers the diagnosis and treatment of athletic injuries with training techniques and use of support materials to prevent athletic injuries, the diagnosis and treatment of those injuries, stressing utilization of supporting apparatus, hydrotherapy, physiotherapy, taping, bandaging, and massage.

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

Study of personal, home and community health problems. Emphasis on physical fitness, prevention and control of disease, safety and establishment of proper health habits.

PE 199 — Special Problems in P.E. Cr. 1 to 3 hrs.

Prerequisite: Permission of instructor.

PE 210 — Techniques of Teaching Team Sports. Cr. 3 hrs.

Techniques, methods and procedures of teaching team sports, namely, football, basketball, and baseball.

PE 220 — Techniques of Teaching Individual Sports. Cr. 2 hrs.

Techniques, methods and procedures of teaching individual sports, namely, cross country, golf, swimming, tennis, track and wrestling.

PE 264 — Introduction to Physical Education and Recreation. Cr. 3 hrs.

A panoramic study of the field of physical education with stress placed on historical and cultural foundation along with vocational, scientific, and educational data as they affect careers in the field of physical education and recreation.

MILITARY SCIENCE (MS)

MS 101-102 — Military Science I. Cr. 2-2.

U. S. Defense Establishment. Organization of the Army and ROTC; individual weapons and marksmanship; national security. Also includes leadership development and other appropriate military subjects.

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

American Military History. Historical growth and development of the Army; principles of war; evolution of warfare. Stresses introduction to tactics and operations, and leadership development.

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

Leadership. Case study. The psychological, physiological and sociological factors which affect human behavior; individual and group solution of leader problems common to small units. Stresses military teaching principles, and small unit tactics and communications.

MS 401-402 — Military Science IV. Cr. 3-3.

Theory and Dynamics of the Military Team. Study of combat operations and the various military teams, with emphasis on the planning and coordination necessary between the elements of the team. Includes a seminar in leadership and management, and study of leadership development.



THE BOARD OF REGENTS

John L. Rust, Acting President
J. Penrod Toles, Acting Vice President
Ronald H. Mayer, Secretary-Treasurer
Richard F. Mather
Jerry N. Smith

ADMINISTRATIVE STAFF

(Dates indicate the beginning of Institute service)

- C. ROBERT KEMBLE, Col., USA (Ret) (1972) President
 B.S., U.S. Military Academy; M.A., University of Pennsylvania;
 Ph.D., George Washington University.
- DAVID COTHRUN, Col., (1973) Academic Dean
 B.A., Arizona State University; M.S., University of Colorado;
 Ed.D., Oklahoma State University.
- GEORGE B. ROBBINS, JR., Col., USA (Ret) (1970) Commandant of Cadets
 Brown Military Academy; B.S., University of Maryland;
 M.B.A., George Washington University.
- NORMAN E. FISHER, Col., USA (Ret) (1969) Business Manager
 B.S., University of Kansas; M.B.A., Harvard Business School
- PHILLIP J. FARREN, Col. (1961) Registrar and Director of Admissions
 B.S., Montana State University; M.Ed., University of Oregon;
 Ph.D., University of Northern Colorado.
- JAMES H. ELLIOTT (1974) Assistant to the President
 B.A., M.A., New Mexico Highlands University
- GWEN ROBBINS, Mrs. (1969) Director of Continuing Education
 and Assistant Professor of English
 B.S., Emporia State College; M.A., Wichita State University
- WILL E. "NICK" DEMARET, Maj. (1973) Coordinator of Research,
 Planning and Counseling
 B.S., U.S. Military Academy; M.A., New Mexico State University
- DANNY D. KINNARD (1973) Director, Computer Center
 B.A., M.A., Arizona State University
- VERNON RAE EDMONDSON, Col., USAF (Ret) Chaplain/Counselor
 B.A., Southern California College; B.Th., Baptist Divinity School of Berkeley
- ROBERT G. BELL, LTC. (1965) Professor of History and Director
 of Financial Aids
 B.A., M.A., Eastern New Mexico University; Ph.D., University of Northern
 Colorado

- J. H. "BUD" BEARLY, Col., USAF (Ret) (1968) Secretary, New Mexico
Military Institute Alumni Association
B.S., University of Oklahoma
- ROSS B. CLARK, LTC (1968) Director of Physical Plant
- TRAVIS W. REAMES, Maj. (1967) Assistant Professor of English and
Public Relations Officer
B.A., M.A., New Mexico Highlands University.
- U. S. MARSHALL, M.D. (1970) Institute Physician
B.A., Hardin-Simmons University; M.D. Baylor University.
- DAVID P. METZ, Lieut. (1971) Assistant Director of Admissions
A.A., New Mexico Military Institute; B.A., University of Arizona.



ACADEMIC STAFF

- FRANK W. ABBOTT (1973) Chairman, Division of Social Sciences,
 Professor of History
 A.A., San Angelo College; B.S., University of Texas at Austin;
 M.A., Ph.D., Texas Tech. University.
- JOHN DALTON BYRNE, Col., USA (Ret) (1969) Instructor of English
 B.S., U.S. Military Academy; M.A., Columbia University.
- BERT ELLEN CAMP, Mrs. (1962) Librarian
 B.A., University of Southern California; M.A., Sul Ross
 State College; M.A., University of Denver.
- GARY CARDINAL (1973) Instructor of Physical Education and
 Head Bronco Basketball Coach
 B.S., M.S., Eastern Illinois University.
- PHILLIP M. CARLSON, Capt. (1972) Instructor of Foreign Languages
 B.S., California State College, Pennsylvania.
- TERRY L. CLEVELAND (1973) Assistant Professor of Mathematics
 B.S., Fort Hays State College; M.S., University of Missouri;
 D.A., University of Northern Colorado at Greeley.
- ROR WHEATON COLE, Col., USA (Ret) (1964) Associate Professor
 of History
 B.S., U.S. Military Academy; M.A., George Washington University.
- LEO COTTENOIR, JR. (1973) Instructor of Mathematics
 B.S., B.A., University of Wyoming.
- ROBERT F. DENNIS, LTC. (1959-63; 1967) Assistant Professor of Mathematics
 B.A., Northwest Nazarene University; M.A., West Texas State University
- DON DEWEBER (1974) Instructor of Physical Education
 and Assistant Bronco Football Coach
 B.A., Southern Methodist University.
- JOHN J. FOSTER, Capt., USAFR (1958) Associate Professor of Mathematics
 B.S., University of North Dakota; M.Ed., West Texas State University
- JOHN STANLEY FURY (1973) Instructor of Biological Sciences
 B.S., New Mexico State University; M.S., Texas Tech University
- JAMES R. GRANZOW (1973) Assistant Professor of English
 B.A., M.A., San Jose State College; D.A., Idaho State University
- ROBERT GROSS, Capt. (1972) Instructor of Music, Bandmaster
 B.A., M.M., New Mexico State University.
- JAMES V. HALL, JR., Maj. (1966) Assistant Professor of English
 B.S., Eastern New Mexico University; M.A. Purdue University.
- JAMES HARDING, Capt. (1969) Instructor of Psychology/Counselor
 B.S., M.A., New Mexico State University.

- WILLIAM F. HARRIS, Col. (1951) Chairman, Department of Biological
Science and Associate Professor of Biology
B.S., Oklahoma State University; M.S., University of Texas.
- JOHN HILLER (1973) Instructor of Physical Education and
Head Colt Basketball Coach
B.A., Notre Dame; M.A., University of New Mexico.
- CHARLES BOES HINES, Col. USA (Ret) (1964) Assistant Professor of Physics
B.S., U.S. Military Academy; M.A., Columbia University.
- B. R. HOLMES, Maj. (1967) Assistant Professor of Chemistry
B.S., Southeastern Oklahoma State; M.S., University of Oklahoma.
- J. J. JENKINS, Maj. (1965) Assistant Professor of Chemistry
B.S., Texas Tech. University; M.S. University of Arizona.
- GARY V. LARSON, Major (1968) Assistant Professor of Social Sciences
B.A., M.A., Colorado State College
- KATHLEEN ELLEN LEONORD, Ms. (1974) Instructor of Biology
B.A., College of St. Catherine; M.A., Bemidji State College
- RICHARD G. LIMBAUGH, LTC. (1963) Chairman, Department of English
and Associate Professor of English
B.S., Southeast Missouri State College; M.A., San Francisco State College
- ALLEN J. LOVELACE, LTC (1958) Associate Professor of Biology
B.S., M.S., North Texas State University.
- ROBERT A. MACARTHUR, LTC (1957) Chairman Department of Physics
and Associate Professor of Physics
A.A., Westminster Junior College; Ph.B., University of Wisconsin;
M.A., Western State College of Colorado.
- EUGENE F. McGUIRE, LTC (1959) Associate Profefssor of Economics
B.A., West Texas State University; M.A., University
of California at Berkeley.
- AUSTIN QUINN MALEY, Maj. (1968) Associate Professor of Social Sciences
B.A., Saint Edward's University; M.A., University of Notre Dame.
- ADRIAN J. MARTINEZ, LTC. (1963) Chairman, Department of Foreign
Languages and Associate Professor of Foreign Languages
B.A., MATS, University of New Mexico.
- MICHAEL M. MILLS, Capt. (1969) Instructor of Mathematics
B.S., Texas Tech. University; M.A.T., Western Michigan University.
- DERRY W. MOORE (1974) Chairman, Division of Health and Physical
Education and Director of Athletics
B.A., M.A., Eastern New Mexico University.
- WILLIAM H. MORGAN, LTC, USA (Ret) (1963) Chairman, Department of
Mathematics and Associate Professor of Mathematics
B.S., U.S. Military Academy; M.Engr., University of California.

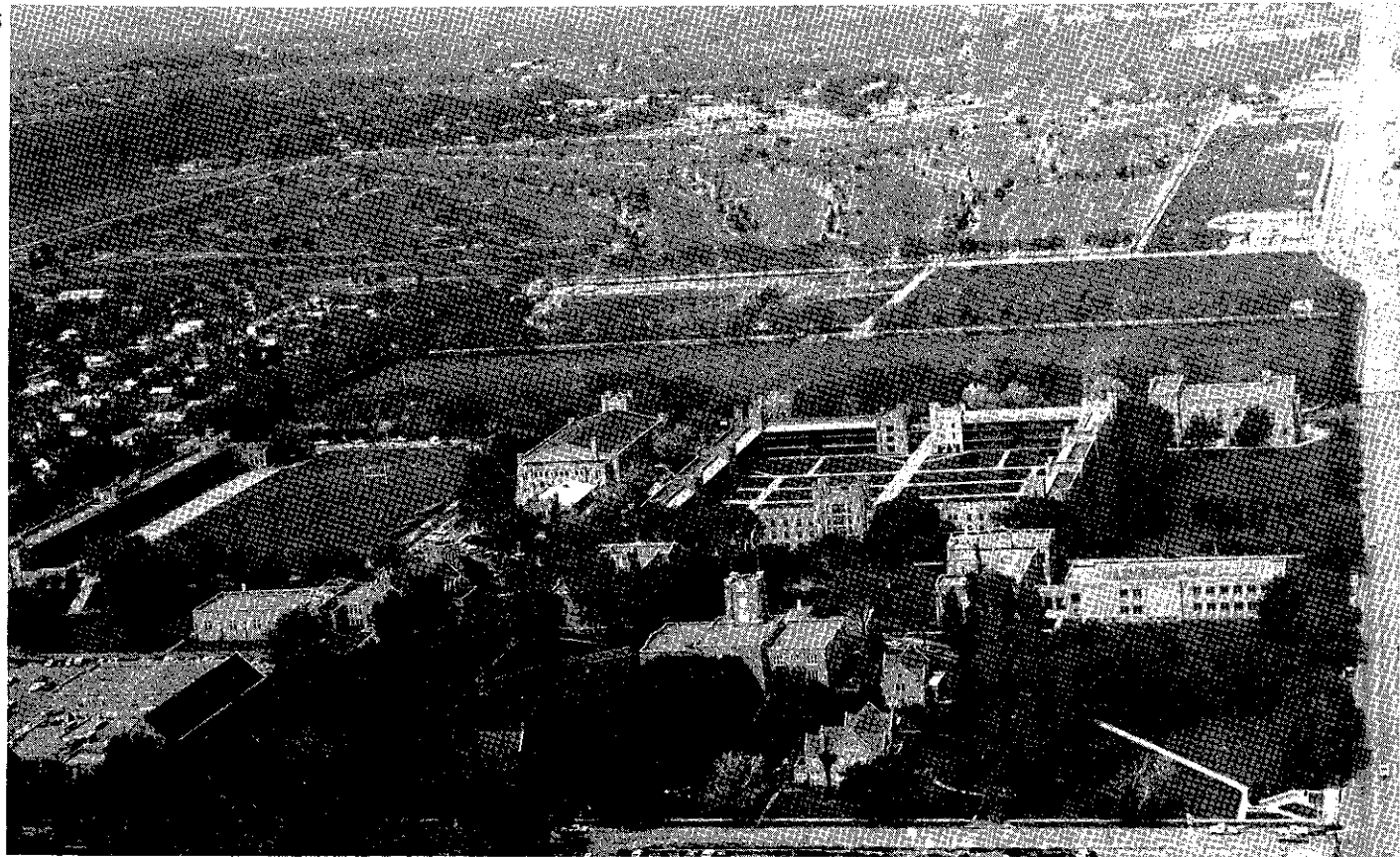
- WILLIAM L. OLIVER (1956) Golf Professional
- BENNIE A. PADILLA, Col. (1962) Chairman, Division of Humanities
and Professor of Spanish
B.A., M.A., New Mexico Highlands University; MATS University
of New Mexico; Ph.D., Interamerican University of Mexico.
- EDWARD M. PRAISNER, Col. (1946) Chairman, Department of Social
Sciences and Associate Professor of Social Sciences
B.S., Stroudsburg State University; M.A., University of New Mexico
- YVALDO QUINTANA (1972) Instructor of Foreign Languages
B.A., M.A., New Mexico Highlands University
- J. WILLIAM REECE (1974) Instructor of English
B.A., University of Oklahoma; M.A., Ohio State University
- PAULA RHODES, Mrs. (1972) Instructor of English
B.S., Eastern New Mexico University
- WILLIAM C. ROUDEBUSH, Col., (1939) Chairman, Division of Natural
Science and Mathematics and Professor of Mathematics
A.B., Miami University; Ph.D., University of Cincinnati
- ALBERT E. SCOTT, Col. (1953) Associate Professor of English and Reading
B.A., Morningside College; M.A., University of New Mexico; Ed.S.,
Eastern New Mexico University.
- RAY SEWALT (1974) Instructor Physical Education and
Head Bronco Football Coach
B.A., San Angelo State; M.A., North Texas State.
- RICHARD C. STECKLEIN (1973) Instructor of Physical Education and
Assistant Bronco Football Coach
B.S., Southern Colorado State College.
- CLEO WILLIAM TARTER, JR., Capt. (1968) Instructor of Physical Education
and Colt Swim Coach
B.A., McMurray College; M.A., Eastern New Mexico University.
- STANLEY E. TAYLOR, Capt. (1972) Instructor of Business Administration
and Colt Tennis Coach
A.A., B.B.Ed., M.A., Eastern New Mexico University.
- JAMES THOMPSON, Maj. (1964) Assistant Professor of Art
B.A., M.A., University of New Mexico.
- JOEL WEBB (1971) Rodeo Supervisor
- D. PAUL WHITE, Major (1968) Assistant Professor of Biology and Track Coach
B.S., Oklahoma Baptist University; M.A., Highlands University
- KENNETH W. WILLIS (1973) Instructor of English and
Head Colt Football Coach
B.A., Eastern New Mexico University.
- ROGER WARREN WINTERS, Capt. (1972) Assistant Librarian and
Director of Media on Campus
B.A., M.A., Eastern New Mexico University.

DEPARTMENT OF MILITARY SCIENCE

- ROBERT J. LEVITT, Col., USA (1973) Professor of Military Science
M.A., Tulane University.
- VICTOR WILLIAM JACKO, Maj. (1972) Assistant Professor of
Military Science
B.A., University of Nebraska.
- WILLIAM N. HIBBS, Maj. (1974) Assistant Professor of
Science (Operations)
B.S., Western Kentucky University.
- MARTIN S. ANDERSON, Maj. (1973) Assistant Professor of Military Science
M.B.A., New Mexico State University.
- JAMES F. BRICKMAN, Capt. (1973) Assistant Professor of Military Science
B.B.A., M.B.A., University of Oklahoma.
- JOHN M. PLESE, Capt. (1972) Assistant Professor of Military Science
B.S., University of Tampa.
- S. M. SPENCER, Capt. (1972) Senior Army Instructor (Adjutant)
A.A., New Mexico Military Institute; B.A. University of New Mexico
- JOSE A. VALDEZ, SGM (1972) Chief Instructor (SGM)
- WESLEY H. BARNES, MSG (1974) Principal Drill Instructor
B.B.A., Campbell College.
- EDMOND R. CROIX, MSG (1971) Senior Instructor
- THOMAS H. MAGGART, SFC (1973) Instructor—Junior Division
- RAYMOND HARRIS, SSG (1973) Administrative NCO
- HAROLD EARL O'NEILL, Capt. (1955-62, 1965) Instructor—Junior Division
A.A., BUS., Eastern New Mexico University.
- JOHN L. FORTNER, Capt. (1968) Instructor—Junior Division
- JOHN C. ROBBINS, Capt. (1972) Instructor—Junior Division

COMMANDANT'S STAFF

- WILLIAM A. FREDERICK, Major (1968) Adjutant
A.A., NMMI
- WILLIAM LEE, Captain (1972) Training and Control Officer
- JOSEPH A. MAINELLO, (Major) (1968) Training and Control Officer
B.S., NMMI
- ROBERT S. TERRY, Major (1968) Deputy Commander
B.S., NMMI
- THOMAS WOODS, Captain (1974) Training and Control Officer
- WILLIAM C. WYLES, Captain (1974) Staff Assistant
B.S., University of Arkansas



EMERITUS FACULTY AND STAFF

- MISS MODENE D. BATES, 1921-1924, 1926-1951, Registrar.
- MAJOR RUSSELL G. BIRD, 1926-1928, 1929-1951, Assistant to the Adjutant.
- MAJOR HARRY D. BLAKE, 1927-1963, Assistant Professor of Mathematics.
- LIEUTENANT COLONEL ALFRED N. CARTER, 1929-1963, Professor of English, Chairman, Division of English and Languages.
- MRS. HELEN S. CLARK, 1953-1969, Admissions Secretary and Assistant to the Registrar.
- MRS. HELEN E. COOKSON, 1939-1964, Secretary to the Superintendent.
- MAJOR JENNINGS B. ELLIS, 1929-1961, Associate Professor of Physics; Chairman, Department of Physical Sciences.
- LIEUTENANT COLONEL GEORGE L. IRWIN, 1912-1946, Adjutant.
- LIEUTENANT COLONEL L. T. GODFREY, 1929-1956, Assistant Coach, Coach, Athletic Director.
- LIEUTENANT COLONEL PATRICK H. GRATTON, 1927-1966, Professor of English; Chairman, Division of Humanities.
- MAJOR ALBERT HUDSON, 1924-1954, Superintendent of Grounds, Commissary Officer.
- COLONEL JOHN C. KOST, Jr. 1928-1960, Instructor of Latin, Principal, Assistant Dean.
- COLONEL EWING L. LUSK, 1910-1913, 1916-1917, 1918-1919, 1921-1952, Mathematics Instructor, Principal, Superintendent.
- Dr. I. J. MARSHALL, 1935-1969, Institute Surgeon.
- LIEUTENANT COLONEL FRED A. MILLER, 1945-1969, Chairman, Department of Mathematics, Associate Professor of Mathematics.
- LIEUTENANT COLONEL VESTER MONTGOMERY, 1929-1933, 1934-1964, Professor of History, Chairman of Division of Social Sciences, Acting Dean.
- LIEUTENANT COLONEL PAUL MOUNT-CAMPBELL, 1942-1966, Associate Professor of Physics; Chairman, Department of Physics.
- COLONEL GEORGE SETH ORELL, 1931-1973, Professor of Chemistry; Chairman Department of Chemistry.
- LIEUTENANT COLONEL WILLIAM C. PAYNE, 1946-1966, Assistant Professor of Mathematics.
- LIEUTENANT COLONEL JOSEPH A. POSZ, 1929-1967, Manager of Cadet Services.
- MRS. RUBY POSZ, 1931-1942, 1946-1967, Manager of Post Exchange.
- COLONEL CARL J. ROHR, 1941-1969, Business Manager and Adjutant.

LIEUTENANT COLONEL G. MERTON SAYRE, 1928-1963, Associate Professor of French; Chairman, Department of Languages.

LIEUTENANT COLONEL JAMES H. SIKES, 1942-1965, Associate Professor of Biology, Chairman, Department of Biological Sciences.

LIEUTENANT COLONEL JOHN E. SMITH, 1939-1959, Instructor of Physics.

MAJOR DWIGHT H. H. STARR, 1928-1962, Assistant Professor of English.

MISS VERA H. UNRUH, 1928-1939, Resident Nurse.

COLONEL CHARLES F. WARD, 1926-1956, Instructor of History, Principal, Superintendent.

MAJOR CHARLES S. WHITNEY, 1929-1961, Instructor of Mathematics, Associate Professor, Chairman, Department of Mathematics.

MRS. LYDIA P. WILCOXON, 1937-1954, Resident Nurse.

COLONEL EBEN R. WYLES, 1965-1974, Professor of Military Science; Administrative Assistant; Superintendent.



HELPFUL TERMS

- APPOINTMENT** — formal and official designation of a cadet to a United States Service Academy; selection for such a position.
- ASSOCIATE OF ARTS** — a two-year degree, conferred upon the cadet for his successful completion of the junior college program.
- ASSOCIATE OF SCIENCE** — a degree paralleling the Associate of Arts, with slightly different requirements.
- BARRACKS** — living quarters; dormitories.
- BLUE BOOK** — a separate publication which contains general rules and regulations regarding acceptable cadet behavior.
- BULLETIN** — A publication of the Admissions Office, contains late changes in dates, programs, etc., along with general information.
- CAREER PROGRAM** — A two-year program offering basic education and training sufficient for entry into the job market.
- CLEP** — College Level Examination Program; a series of tests whereby a college cadet may earn up to 30 hours of credit toward the Associate degree.
- CADRE** — the cadet officers of the Corps of Cadets.
- CLASS DESIGNATION** — membership in a specific school grade or class; a cadet is assigned to classes from high school freshman (Sixth Class) to college sophomore (First Class) in accordance with the number of credits he has completed and the number of general requirements he has met.
- CLASS ADVISER** — a faculty member assigned to oversee an entire class of cadets, such as adviser for the Sixth (high school freshman) Class.
- CORPS** — the entire body of cadets; all cadets are members of the Corps of Cadets.
- CUMULATIVE GPA** — cumulative grade point average; the overall average of all grades received and recorded on the official transcript at any particular time.
- DEMERIT** — a mark against one's deportment (conduct) record as a penalty for bad conduct or other failure to comply with rules.
- DEPORTMENT** — conduct; behavior.
- DISMISSAL** — a forced withdrawal from school; a dismissed cadet may not re-apply for admission at a later time.
- EIGHTEEN-WEEK GRADING PERIOD** — one full semester; one half a full school year; grades issued at this time are final grades for that particular semester.
- ELECTIVE** — a course chosen by the cadet, in contrast to a course required of him by the school; an optional course.

- FACULTY ADVISER** — a member of the teaching staff who advises and counsels individual cadets in regard to scheduling, course waivers, etc.; every cadet is assigned a faculty adviser.
- FURLOUGH** — leave of absence from duty; a period of free time during which the cadet may go home, on vacation, etc. In addition to regular furloughs, such as Christmas furlough, the cadet may earn special furloughs as specified in the Blue Book.
- GED** — General Educational Diploma; equivalent to the high school diploma and often accepted in place of the high school diploma.
- GPA** — see Grade Point Average.
- GRADE POINT AVERAGE** — the overall average of grades received and recorded on the transcript at any particular time.
- GREEN BOOK** — a separate publication containing dress and personal appearance codes, room regulations, lists of awards and medals, etc.
- HONOR BOARD** — a group of cadets appointed annually by the President of NMMI to hear and judge violators of the Honor Code.
- HONOR CODE** — the major system of cadet government, instituted and carried out by the cadets themselves; violation of the Code may demand an appearance before the Honor Board.
- HOURLY (OF CREDIT)** — the unit of college credit awarded for participation in a class or laboratory.
- INSPECTION** — official examination or review of cadets and/or their gear and quarters.
- INTRAMURALS** — sports activities confined to competition among troops and squadrons.
- MS** — Military Science; courses required of all college cadets each semester they are in attendance at NMMI.
- MT** — Military Training; basic military courses required of all high school cadets each semester they are in attendance at NMMI.
- MATRICULATION** — a formal enrollment; the act of signing one's name to the official enrollment book.
- MILITARY BEARING** — carriage, manner, and presence becoming a military man.
- NINE-WEEK GRADING PERIOD** — half a full semester; one fourth of a full year; mid-term grades are issued at this time. Only semester grades are entered on permanent records.
- NOMINATION** — the submitting of a cadet's name for candidacy in or appointment to a Service Academy; NMMI, as an Honor Military School, is eligible to make three such nominations per year to each Service Academy.
- OLD CADET-NEW CADET** — a system of initiation under which all new cadets are subject to, and must obey legitimate orders from, old cadets.

- PERSONAL ACCOUNT** — money deposited to the cadet's account to cover such things as uniforms, texts, school supplies and a nominal weekly allowance. **Not** meant to cover transportation, extra spending money, etc.
- PREREQUISITE** — a course or requirement which must be completed before one may enroll in a follow-up course; a condition to be met prior to enrollment in a subsequent course.
- PROBATION** — a proving period, a time when a cadet must bring up his grades or, at the end of the probationary period, be dismissed from school. Poor conduct can result in probation, also.
- PROGRAM** — a course of study; a number of courses designed to fulfill a specific aim; curriculum.
- PMS** — Professor of Military Science, in charge of the Army ROTC program.
- ROTC** — Reserve Officers' Training Corps.
- RAT** — a new cadet.
- RAT YEAR** — the period of time during which all new cadets are rats; one full year for high school cadets, one semester for college cadets.
- RED BOOK** — a separate publication detailing academic matters; the academic handbook.
- RED LIST** — academic failure list. Cadets on the Red List have restricted privileges.
- RE-ENROLLMENT** — the application of old cadets for re-admission to NMML; also, the application of qualified students who have been suspended for one semester.
- REGISTRATION** — signing up for, enrolling in classes at the beginning of each semester.
- RESIDENCE REQUIREMENT** — the length of time a cadet must live and study at NMML in order to receive his diploma or degree.
- REVEILLE** — the beginning of the day at NMML; the first military formation of the day.
- SEMESTER** — one half of a full school year; an 18-week period.
- SEMESTER HOUR** — a credit gained from attending a class for one hour per week for a period of 18 weeks; a three-hour class meets three hours per week for an entire semester.
- SEQUENCE COURSE** — a course requiring two semesters to complete; one half a sequence course lasts one semester and must be completed before one enrolls in the second half; most high school courses are sequence courses.
- SERVICE ACADEMY** — a United States military school such as West Point, Annapolis, or the Air Force Academy.
- SPECIAL FEES** — fees above and beyond fixed school and fixed individual fees and tuition; charges for late registration, aviation training, etc.

- SQUADRON** — a military unit or division made up of two or more troops.
- SUSPENSION** — a period of time, usually one semester, during which a cadet cannot be admitted to NMMI; a penalty, usually, for academic deficiency.
- TAC** — a training and control officer on the Commandant's staff. Functions as adviser and counselor to cadets in achievement of the goals of the corps of cadets.
- TAPS** — the evening call for lights out; all cadets must be in their rooms, unless excused or officially granted Late Lights.
- TRANSCRIPT** — an official record of all grades and credits; a student's school record.
- TRANSFER** — the process of coming to NMMI from another school or going to another school from NMMI; transfer credits are those which are acceptable to NMMI or a prospective school.
- TROOP** — a single military unit or group; in combination with other troops, a squadron.
- TUTORING** — a one-to-one study session between cadet and faculty member; extra academic help.
- UNIT (OF CREDIT)** — the high school crediting system; one entire academic year's study of a subject. Five one-hour periods per week.
- W** — Withdrawn; a status rather than a grade; recorded on the transcript but not counted in the grade point average.
- WF** — Withdrawn Failing; recorded on the transcript and figured in the grade point average as an F.
- WHITE BOOK** — a separate publication dealing with the workings of the Honor Code and the Honor Board.





Brief Summary

EVERY MEMBER OF THE CORPS OF CADETS:

1. Is unmarried.
2. Is male.
3. Wears the specified uniform.
4. Lives on campus.
5. Gets room, board, and medical care.
6. Is, in his first year (one semester for college), a "rat."
7. Abides by the Blue Book, Honor Code, and New Cadet-Old Cadet system.
8. Attends weekly chapel, unless excused.
9. Can transfer acceptable credit to or from NMMI.
10. Is assigned a class adviser.
11. Is required to study nightly.
12. Is entitled to free tutoring, advising, and counseling.
13. Enrolls in MT (Military Training) or MS (Military Science) each semester he's here, unless excused by sufficient previous ROTC.
14. Participates in physical education or its equivalent each semester he's here.
15. Lives without a car or motorcycle (both high school and "rat" college).

ANY QUESTIONS?

If you need more information, we encourage you to write to any or all of the following people:

Academic Policy and Problems	The Academic Dean
Admissions and Transcripts of Records	The Registrar and Director of Admissions
Athletics	The Director of Athletics
Financial Affairs	The Business Manager
General Policy	The President
Guidance and Counseling	The Director of Institutional Research, Development & Guidance
Health of Cadets	The Commandant of Cadets
Regulations and Problems Concerning the Corps of Cadets	The Commandant of Cadets
ROTC Matters	The Professor of Military Science

NEW MEXICO MILITARY INSTITUTE
College and Main Streets
Roswell, New Mexico 88201

Telephone: (505) 622-6250 (Switchboard)
622-6250 (Commandant)
if no ans. 622-6251 (Commandant)
622-6253 (Hospital)
622-1487 (Continuing Ed.)



NEW MEXICO MILITARY INSTITUTE

Roswell, New Mexico 88201

INSTRUCTIONS: This application is to be completed and signed by applicant and parent. It should be mailed to the Office of Admissions, New Mexico Military Institute, Roswell, New Mexico 88201. Please answer all applicable questions. Please type or print.

NAME _____ DATE _____
Last First Middle

ADDRESS _____
Street City State ZIP Code

PARENT'S NAME _____
(GUARDIAN) Last First Middle

HOME ADDRESS _____ Ph. _____
ZIP Code

BUSINESS ADDRESS _____ Ph. _____
ZIP Code

I WISH TO ENTER Fall, _____ Spring, _____

SOCIAL SECURITY NUMBER _____ Citizenship _____

Date of Birth ____/____/____ Single _____ Married _____ Other _____

Height _____ Weight _____

Give the names and relationship of any relatives who have attended NMMI. _____

PERSONAL DATA

What year in school will you have completed, prior to entering NMMI? _____

Graduated high school _____ month _____ year _____ Name of High School _____

Have you ever been dismissed from school or college? _____

Are you interested in obtaining a commission in the U.S. Army Reserve? _____

Have you ever been arrested or charged for other than a Misdemeanor or Traffic violation? Yes _____ No _____

(if yes, please explain) _____
How did you learn about NMMI? _____

ACTIVITIES

(check those activities in which you have participated)

- | | | | |
|----------------------|-------------------|-----------------------|-----------------|
| ____ Student Council | SPORTS | MUSIC | OTHER |
| ____ Yearbook | ____ Football | ____ Band | ____ Debate |
| ____ Clubs | ____ Basketball | ____ Instrument _____ | ____ Scouting |
| ____ Newspaper | ____ Swimming | ____ Chorus | ____ Boys State |
| | ____ Golf | | ____ Drama |
| | ____ Tennis | | ____ Rodeo |
| | ____ Track | | ____ Jr. ROTC |
| | ____ Rifle-Pistol | | |

NMMI provides an unique educational opportunity. With this in mind, why do you want to attend NMMI: _____

If you desire to add additional information, a supplemental sheet may be attached.

I certify that the above information is true and correct to the best of my knowledge.

Signature of Applicant

PART II: STATEMENT OF PARENT OR GUARDIAN

Accompanying this application is a check (money order or bank draft) in the amount of \$60.00. (I understand \$10.00 of this amount represents an Application Processing Fee and is not refundable.) Further, I understand that the remaining \$50.00 will be credited to the applicant's tuition account at the opening of the academic session. If I cancel the application before July 1, \$25.00 will be refunded to me and I shall forfeit the remaining \$25.00. After July 1, I shall forfeit the entire \$50.00 if it is necessary for me to cancel the application, or if the applicant fails to report according to schedule. If this application is not accepted by the Institute, the tuition deposit of \$50.00 will be refunded to me.

It is understood that upon matriculation (the signing of the roll book by the cadet) I WILL OBLIGATE MYSELF TO THE FULL YEAR'S TUITION, FIXED FEES, AND SUCH AUXILIARY COSTS AS ARE LEVIED according to the New Mexico Military Institute statement of charges, regardless of arrangements for payments and, should the applicant withdraw, either for the convenience of the individual or of the Institute, any unpaid balance of the amount set forth on the statement of charges shall become due and payable at once. I understand that transcripts of academic credit will not be provided until all tuition and fees provided for herein are paid in full.

In making this application, I have studied the catalog of the Institute and, if the applicant is accepted, we shall abide by the provisions thereof, and such other regulations as the Board of Regents and administrative officers may feel are in the best interest of the cadets, including the provision of any medical care and treatment which in the opinion of its medical staff is necessary and proper.

It is understood that if this application is accepted, I agree to pay the amounts as set forth on the statement of charges, and to pay the entire personal expenses of the applicant, depositing initially not less than \$550.00 for his personal expenses for the academic session, and to make additional deposits when same are required to prevent an overdraft. I understand that the Institute is merely serving as custodian of funds through which I provide the applicant with the necessary spending money, etc. I agree to keep a sufficient balance to avoid overdraft, and any unexpended balance in the personal account shall be returned to me at the end of the school year.

The undersigned states that _____ is the _____ of the applicant whose name is affixed to the reverse side of this application; that the personal data have been checked and found correct and that _____ approves of this application, and agrees to all the provisions contained herein and, upon approval by the Institute, agrees to be bound thereby.

(Signature of parent or guardian)

(Mailing address)

Date _____, 19____

(City and State)

(Zip Code)

TO QUALIFY FOR IN-STATE TUITION the parent or legal guardian of the applicant must be a bona fide resident of New Mexico, having no claim to the privileges of legal residency in any other state, and must have been domiciled in New Mexico at least one year immediately prior to matriculation.

If you affirm that you meet these conditions or can otherwise establish that you are a legal resident of New Mexico, please indicate your request for in-state tuition by signing below.

Signature

Parents or guardians who do not indicate New Mexico residency above, or by correspondence, will be charged out-of-state tuition.

New Mexico Military Institute
Roswell, New Mexico

The Cover: The hot air balloon **NMMI**
is owned and flown by local alumni
and friends of the school.
Photo by Joe Mainello