# MENMENIOO MILITARY INSTITUTE

## New Mexico Military Institute

### THIRTY-FOURTH YEAR

1931 · 1932

## CIRCULAR OF INFORMATION

1932 · 1933

## ROSWELL, NEW MEXICO

## Introduction

New Mexico Military Institute is a military boarding school, owned and controlled by the State of New Mexico. The institution has for its fundamental purpose the preparation of its students for manhood. Its chief aims, therefore, are the formation of character, the cultivation of sound principles of truth and honor, and the symmetrical development of mind and body.

The school is situated on a mesa overlooking the town of Roswell, in the beautiful Pecos Valley. The location is ideal, affording a more healthful environment than that of any other military school. The altitude is 3,700 feet above sea level; ordinarily, there are but few cloudy days during the winter months, and little rain or snow during the school session. Outdoor drills and athletic sports are enjoyed throughout the winter. The air is pure, cool and invigorating.

Roswell is located in the choicest section of the Southwest. It is a pleasant residential town; the adjoining country is rich in shade trees, orchards and farms. On either side of the valley stretch wide mesas of characteristically Southwestern beauty. The water is supplied from great artesian wells which, flowing from a depth of two hundred feet or more, are free from surface contamination.

The attention of prospective patrons is invited to the following special advantages offered by this institution:

## Military System

An enforced regularity in the hours appointed for exercise, meals, and sleep promotes physical health and muscular development, and creates habits of promptitude, order and discipline. The daily physical training gives a manly, erect and soldierly carriage. The military system is essentially democratic; all external distinctions being removed, each cadet is thrown upon his individual responsibility, and the virtues of self-reliance and force of character are inculcated in him.

## Reserve Officers' Training Corps

The school maintains under War Department regulations a Senior Unit in the Cavalry branch of the Reserve Officers' Training Corps. The Secretary of War details an officer of the United States Army as Professor of Military Science and Tactics and four officers as assistants. The government provides the Institute with horses and complete equipment for all military work.

Upon the basis of annual inspection by a Board of Army Officers, the Institute has since 1909 been designated by the War Department as one of the "Distinguished" or "Honor" military schools of the United States. Upon graduation, cadets who meet the government requirements are entitled to commissions as Lieutenants in the United States Officers' Reserve Corps.

## Economy

The Institute's immediate object is to furnish young men of high school and junior college age with thorough academic and military training at a low cost. The school is maintained with the least possible expense to the individual. There are but few extra charges of any kind to be paid by the cadet. Uniforms and books are furnished by the school at a reasonable price. The first year is of necessity the most expensive, since complete equipment must be provided when a cadet enters. The clothing purchased is of excellent quality. The most expensive item is the tailored dress uniform, which with care is frequently serviceable for two years. The mackinaw is suitable for civilian use.

### Academic Curriculum

In addition to the usual academic subjects taught in high school and the first two years of college, courses of an especially practical nature are offered in mechanical drawing, surveying, Spanish and business administration. Studies that lead to entrance into the best universities are offered.

## System of Instruction

Classes are divided for academic purposes into small sections. In this way, each student secures a large share of the instructor's personal attention and his work can be carefully supervised and graded.

## Religious Training

New Mexico Military Institute is the property of the State, built and maintained by the people. Although it is in no sense a sectarian school, the Institute authorities make every effort to safeguard the moral welfare of the students and to encourage in them the development of the highest ideals of manhood. Each Sunday morning at ten o'clock the chaplain conducts services in the Institute auditorium. Upon request of parents, cadets may attend Sunday morning services at the Roswell churches. Those who do not attend church in Roswell are required to attend the school chapel exercises.



## **Board of Regents**

#### EX-OFFICIO

HIS EXCELLENCY, THE HONORABLE ARTHUR SELIGMAN

Governor of New Mexico

MRS. GEORGIA L. LUSK
State Superintendent of Public Instruction

#### APPOINTED BY THE GOVERNOR

Edward A. Cahoon

J. D. Atwood

H. B. SMYRL

M. A. OTERO, JR.

G. R. Brainard

#### OFFICERS OF THE BOARD

J. D. ATWOOD, President

H. B. SMYRL, Treasurer

G. R. Brainard, Vice-Pres. and Sec'y.

## Officers of Administration and Instruction 1931-1932

### **Administrative Officers**

COLONEL D. CECIL PEARSON, SUPERINTENDENT Virginia Military Institute

LIEUTENANT COLONEL EDWARD A. KEYES Cavalry, D. O. L., United States Army Professor of Military Science and Tactics

LIEUTENANT COLONEL EWING L. LUSK, B.S., A.M. Principal of the High School

LIEUTENANT COLONEL GEORGE BARRY DUFFIELD, A.B., A.M.

Dean of the Junior College

Major Harwood P. Saunders, Jr.

United States Officers' Reserve Corps

Commandant of Cadets

Major George L. Erwin Executive Officer

Modene D. Bates, B.S. Registrar

### Academic Staff

LIEUTENANT COLONEL EWING L. LUSK, B.S., A.M.

University of Missouri, University of Colorado

Principal of the High School

LIEUTENANT COLONEL GEORGE BARRY DUFFIELD, A.B., A.M.

Princeton University

Dean of the Junior College

Major John McClure, A.B., M.S.

Washington and Lee University, University of Chicago
Chemistry

## Academic Staff (Continued) 1931-1932

MISS M. MARGARET DECKER, B.A., M.A.

University of Wisconsin

Spanish

Major Arthur O. Bigney, A.B., A.M.

Mount Allison College, Harvard University

Mathematics

Major Maurice G. Fulton, Ph.B., M.A.

University of Mississippi

English

Major Thomas M. Kleckner, A.B. Graduate Student, 1921-1922, Stanford University
Economics and Public Speaking

MAJOR JAMES R. KELLY, A.B., M.A.

University of North Dakota, University of Chicago

History and Psychology

MAJOR LEONARD B. PLUMMER, A.B., M.A. Southwestern University, University of Texas German and Mathematics

MAJOR JOHN EARL SMITH, A.B., A.M., Ph.D. University of Wisconsin, Indiana University Physics

CAPTAIN TEMPLE V. PRICE, B.S.

Knox College

History

Captain Charles F. Ward, B.A.

University of Texas

History

## Academic Staff (Continued)

1931-1932

CAPTAIN JAMES A. LYONS, B.S., LL.B., M.A.

Cornell University, Vanderbilt University, University of Iowa

English

CAPTAIN HARRY D. BLAKE, B.S.

New Mexico College of Agriculture and Mechanic Arts

Mathematics

CAPTAIN PATRICK GRATTON, A.B. Western State College of Colorado English

CAPTAIN RALPH D. MORRISON, A.B.-Washington and Lee University Chemistry

CAPTAIN L. THOMPSON GODFREY, B.A., M.A.

Louisiana State University

Economics and Government

CAPTAIN JOHN C. KOST, JR., A.B.

Knox College

Latin

CAPTAIN DWIGHT H. STARR, A.B.

North Texas State Teachers' College
English

CAPTAIN CLARK E. STORM, B.S.

University of Illinois

Mechanical Drawing

CAPTAIN VERNON KNAPP, B.A.

University of Colorado

Graduate work, University of Colorado

English

CAPTAIN WALLACE McConnell, B.S.

University of Wyoming

Commerce

Academic Staff (Continued) 1931-1932

CAPTAIN G. MERTON SAYRE, A.B., M.A. Milton College, University of Wisconsin French

CAPTAIN J. BRYAN ELLIS, B.S.

University of Michigan
Physics

CAPTAIN ALFRED N. CARTER, B.A., B.J., M.A.

University of Texas

English

CAPTAIN VESTER MONTGOMERY, B.S., M.A.

University of Oklahoma

History

CAPTAIN CHARLES S. WHITNEY, JR., B.A.

University of Oklahoma

Mathematics

CAPTAIN LEROY O. SMITH, B.S.

One year of graduate work, University of Denver

Commerce

Captain Maurice L. Combs, A.B. Franklin College Mathematics

CAPTAIN ARTHUR G. ELLINGSON, B.A., M.A. St. Olaf College, University of Wisconsin French and Spanish

CAPTAIN ALTON P. THOMASON, B.S.

University of Texas

Spanish

Captain Coryton M. Woodbury, B.S.

Virginia Military Institute

Mathematics

## Military Staff 1931-1932

Brigadier General Osborne C. Wood Adjutant General of New Mexico Inspector

COLONEL D. CECIL PEARSON

On the Staff of the Governor of New Mexico

Superintendent

LIEUTENANT COLONEL EDWARD A. KEYES Cavalry, D. O. L., United States Army Professor of Military Science and Tactics

HENRY A. INGALLS, M.D., F.A.C.S. Brigadier General, U. S. A., Retired Surgeon

Major Harwood P. Saunders, Jr.

111th Cavalry, New Mexico National Guard
Commandant

MAJOR BEVERLY H. COINER

Cavalry, D. O. L., United States Army

Assistant Professor of Military Science and Tactics

CAPTAIN JOHN E. MAHER

Cavalry, D. O. L., United States Army

Assistant Professor of Military Science and Tactics

LIEUTENANT JOHN H. COLLIER

First Lieutenant, Cavalry, D. O. L., United States Army

Assistant Professor of Military Science and Tactics

LIEUTENANT FRANK J. THOMPSON

First Lieutenant, Cavalry, D. O. L., United States Army

Assistant Professor of Military Science and Tactics

CAPTAIN HAROLD KELLY
Assistant Commandant

## Other Officers of Administration 1931-1932

THE REVEREND AUSTIN D. CRILE, LL.D. Chaplain

CAPTAIN JOHN FLETCHER
Bandmaster

CAPTAIN ROBERT R. BROWN

Dartmouth College

Athletic Director

CAPTAIN RICHARD L. BATES

Commissary Officer

CAPTAIN RUSSEL G. BIRD
Accountant

CAPTAIN L. T. GODFREY
Athletic Coach

CAPTAIN PAUL HORGAN Librarian

Constance M. Coiner Library Cataloguer

LIEUTENANT ALFRED H. JOHNSON, JR. Tactical Officer

LIEUTENANT EDWARD P. PENFIELD

Tactical Officer

LIEUTENANT THEODORE L. McLAUGHLIN

Tactical Officer

LIEUTENANT CLYDE E. STAUDER
Tactical Officer

LIEUTENANT G. SETH ORELL

Tactical Officer

LIEUTENANT WALLACE G. FOREMAN Tactical Officer

LIEUTENANT THOMAS B. STAPP

Tactical Officer

LIEUTENANT GEORGE A. DAVISSON Tactical Officer

VERA H. UNRUH, R.N. Infirmarian

## New Mexico Military Institute

## History

New Mexico Military Institute was established by an act of the legislative assembly of the Territory of New Mexico, passed in 1893, providing for a military school at Roswell, Chaves County. In 1895, Mr. J. J. Hagerman donated forty acres of land for a building site, and the legislative assembly of that year authorized a bond issue for the erection of suitable buildings, as well as a tax levy for the maintenance of the school. In March, 1898, the buildings were completed, and the school was opened for students in September, 1898.

By an act of Congress, approved June 21, 1898, New Mexico Military Institute was granted 50,000 acres of public land for the purpose of permanent improvements. From the sale and rental of a portion of the land, as well as from the proceeds of bonds secured by these lands the erection of buildings has been made possible. The Enabling Act, which provided for the admission of New Mexico as a State, approved by Congress, June 20, 1910, granted 100,000 acres of public land to New Mexico Military Institute. The income from this land, a large part of which is leased to stockmen, is increasing each year, and is to be used for the erection of new buildings and other permanent improvements.

Each legislative assembly since 1895, when the first tax levy for the Institute was made, has granted an annual appropriation, usually in increased amount. These appropriations, together with the income from lands, have assured the permanence and financial security of the school.

The Institute is governed by a board of regents appointed by the governor of the state, of which board the Governor and State Superintendent of Public Instruction are ex-officio members. The entire income from tuition fees and from all other sources is devoted to the maintenance and improvement of the school.

During the first three years of its history, New Mexico Military Institute was under the supervision of Colonel J. G. Meadors. From 1901, until his death in 1922, Colonel James W. Willson was its Superintendent, and it is to his far-sighted genius as a director and administrator that the school owes its steady development toward the high position it occupies today. A graduate of the Virginia Military Institute, he was acquainted with the best traditions of military education in the East. With modifications and developments suited to a freer environment, he laid the foundation of a Western system. That he was successful is evidenced by the standing accorded the school by the War Department. Under his administration, academic standards were raised, enrolment greatly increased, and a program of buildings,

superior both from an aesthetic and utilitarian standpoint, was instituted and largely completed. New buildings have been added from year to year, until at present, the plant consists of fifteen structures effectively grouped upon the sixty-five acre campus.

The third Superintendent was Colonel J. C. Troutman, under whose administration the policies laid down by Colonel Willson were continued and developed. His greatest contribution to the welfare of the Institute was to be found in the enlargement and constant strengthening of the faculty, and in the improvement of academic methods. In spite of, or perhaps because of, the added strictness of requirements, it is interesting to note that there was a contemporaneous increase in the number of cadets enrolled. Upon Colonel Troutman's resignation, the Board of Regents was fortunate in securing Colonel D. C. Pearson, who had previously served as Commandant and Principal, to fill the vacancy thus created.

From the founding of the school until the fall of 1920 the cadet corps was organized as a battalion of Infantry. In October, 1920, at the suggestion of the War Department, the school authorities authorized the arrangements necessary for a change from Infantry to Cavalry. Five officers of the regular army are assigned to duty at the Institute and the corps is now organized as a provisional Cavalry regiment.

#### Grounds

The central campus consists of sixty-five acres of level mesa land situated on a hill overlooking the main part of Roswell. The campus is covered with grass and is beautified and shaded by numerous trees. Adjacent to the campus proper lies The J. P. White Parade Ground, a tract of one hundred and twenty acres used for Cavalry maneuvers. The polo fields and a pistol range are also located there.

## Buildings

The total value of buildings, furniture and fixtures approximates one million two hundred thousand dollars. Hagerman Barracks, Lea Hall, Willson Hall, Luna Memorial Natatorium, the Hospital, Headquarters, the Exchange, Cahoon Armory, Mess Hall, and the Superintendant's house are all handsome brick structures, lighted by electricity and heated by steam.

## **Hagerman Barracks**

In 1908, the first sixty-room unit of Hagerman Barracks was erected on the northern portion of the campus. From time to time, other sections have been added until the building now consists of eight sections and contains accommodations for the entire corps of cadets as well as a number of resident officers. Each cadet room has large opposite windows and a door opening on the veranda. This arrange-

ment makes the rooms light and pleasant and insures excellent ventilation. The furnishings are substantial and well adapted to their purpose. The barracks are well supplied with shower baths and lavatories.

### Lea Hall

Lea Hall, replacing the old hall of that name destroyed by fire in August, 1909, is the High School academic building. It is two stories high, with basement under the entire building. It contains a large auditorium, two laboratories, and ample class room space. All the rooms are well lighted and ventilated.

On the first floor are located the auditorium, several class rooms and the chemical laboratories. On the second floor there are additional classrooms and the physics laboratory. The instruction in physics and chemistry is not only practical and interesting but is carried on in accordance with the highest standards.

#### Mess Hall

The Mess Hall was completed during the fall of 1918. The main dining room, made cheerful through its high ceiling and attractive mahogany paneling, has a seating capacity of more than six hundred. The kitchens are large and are supplied with the most modern equipment, insuring the preparation of food under absolutely sanitary conditions. Special care is taken to give plenty of good, wholesome food. Many of the officers and instructors live at the Institute and take their meals in the mess hall with the cadets.

### Luna Memorial Natatorium

Luna Natatorium, erected in 1919 as a memorial to Antonio J. Luna of the class of 1913, who gave his life for his country, was made possible through the generosity of Bronson M. Cutting of Santa Fe. It is a yellow brick, Gothic structure containing offices for the athletic department, weighing room, gallery, showers, dressing rooms and a tiled swimming pool, forty feet wide and eighty feet long, graduated in depth from four to eight feet. The water and the building are artificially heated, and skylights and numerous windows furnish ample sunlight. The cadets enjoy aquatic exercises and sports throughout the school year. Luna Memorial Natatorium and Cahoon Armory and Gymnasium are connected by an archway. These two buildings make the equipment for physical training and athletic activities unusually complete.

## Headquarters

The headquarters building was constructed in 1920. The main floor contains the offices of the superintendent, the adjutant, and the general business offices. On the second floor are located the offices of the Professor of Military Science and Tactics and the meeting room of the Board of Regents.

## Hospital

Situated on the western part of the campus, somewhat removed from the other buildings, is a large and well-arranged hospital. It is modern in every respect, affording offices and examining rooms for the post surgeon and quarters for two resident nurses and a house-keeper. There are eight single rooms and two large wards with sun porches attached. This building, opened in 1920, is adequate to care for cadets in all ordinary cases of sickness. However, when deemed necessary, a cadet is removed to St. Mary's Hospital, a large, well equipped and well managed intitution maintained by the Catholic Sisters in Roswell.

The post surgeon is employed to give daily attention to the health of the cadets and to prescribe for their needs. In this work, he is assisted by a graduate nurse who resides in the cadet hospital and devotes her entire time to those placed under her care. The physical examination at the beginning of the session is made with care and thoroughness. It is therefore practically impossible for latent diseases to escape prompt detection, or for boys suffering from serious diseases to gain admission.

#### Willson Hall

Willson Hall is devoted to the academic work of the Junior College. It was completed during the spring of 1928 as a memorial to the late Colonel James W. Willson, under whose administration junior college work was inaugurated. It contains, besides modern physical, chemical, biological, and geological laboratories, fifteen lecture and recitation rooms. The general chemical laboratory has been equipped to provide for one hundred ten individual students and the advanced laboratory for thirty. Additions can be made as needed. There are complete weighing rooms, balance rooms, dark rooms and store rooms. In the south wing of the building is situated the library.

## The Library

The Library occupies the south wing of Willson Hall. It is well equipped with encyclopaedias, dictionaries, atlases, and similar works. In addition to furnishing material for supplementary reading for the academic courses, the library provides for the recreational reading of the cadets. The general collection has been chosen to provide the best works, not only of the standard authors, but also of the more recent writers. The fields of English and American literature, science, history and biography, as well as fiction, are well represented; new books in these and other fields are added frequently.

The library is open daily, and cadets are allowed to take books from it to their rooms. In addition to a number of daily newspapers on file in the reading room, the library subscribes for about seventy of the best weekly and monthly periodicals.

## Cahoon Armory and Gymnasium

This building, one of the most imposing on the campus, is named for Mr. Edward A. Cahoon of Roswell, in recognition of his important services to the Institute. Mr. Cahoon has been a member of the Board of Regents for thirty-seven years and has been its president during the greater part of that time.

Cahoon Armory was opened for use at the beginning of the academic year of 1928. It contains a basement armory which furnishes ample storage room for the school's military equipment. The principal room on the main floor, used for a gymnasium, is one hundred and eighty-six feet long and one hundred feet wide. There is sufficient space for several basketball games to be played simultaneously. Here are held the indoor athletic classes, mass instruction in boxing, and the cadet dances. In the four-story tower at the north end of the building there are rooms for the accommodation of fifty visiting alumni. At the south end, there are dressing rooms and showers for visiting athletic teams, as well as for the Institute's players. There are also two music rooms and a band room.

## The Post Exchange

The Post Exchange, one of the older buildings, was extensively remodeled during the summer of 1931, and is devoted entirely to cadet activities. In it are located the post office, the barber shop, the game room and the confectionery.

### Location

Roswell, with a population of 11,173, according to the 1930 census, lies in the broad upland valley of the Pecos River, one of the garden spots of the Southwest. It is a modern, attractive residence town with beautifully shaded streets; there are two hundred and seventy-five blocks of asphalt paving. The people of Roswell have come from all parts of the United States; they are cultured, industrious and law-abiding. There is far less disorder than in the smaller towns located near the great cities of the East. The leading church denominations are represented, and cadets are invited to attend their services. The town maintains excellent schools and supports a Carnegie Library.

### Climate

The climate is in many respects ideal. The air is pure and dry; the nights and mornings are cool and bracing; the days are warm and

bright. The altitude, 3,700 feet, is conducive to these favorable conditions but not high enough to be detrimental to health. Little snow or rain falls during the school year, and few days are cloudy. Outdoor games are possible the year around. It is rarely necessary to omit military exercises on account of the condition of the weather, a fact that gives this school an advantage over military academies located in less favorable climates.

#### Environment

One of the chief occupations of the region is stock-raising, for which the country is well adapted. Cotton and alfalfa are grown in great abundance. The fertile soil of the Pecos Valley, in the immediate vicinity of Roswell, produces all kinds of vegetables, as well as watermelons, cantaloupes, apples and other fruits. The farmers irrigate by means of springs and artesian wells and thus are independent of the rain supply.

#### How to Reach Roswell

Roswell is located on the Pecos Valley branch of the Santa Fe Railway system; this branch connects with the main southern transcontinental line of the Santa Fe at Clovis, New Mexico. At Amarillo, Texas, the Santa Fe system connects with the Fort Worth & Denver (Colorado & Southern) Railway. Roswell is also reached by an excellent daily automobile service which connects with the main line of the Southern Pacific-Rock Island system at El Paso, Texas. A similar bus connection at Lubbock, Texas is made in conjunction with the Santa Fe lines in Texas. A connection, although inconvenient, is made with the Texas & Pacific Railway at Pecos, Texas. A map showing the relation of Roswell to the principal railway systems will be found in the back of this catalogue.

## New Mexico Military Institute

## General Regulations Concerning Admission

A candidate for admission must be at least fourteen years of age, of good moral character, and prepared for the first year of the four-year high school course.

An applicant must not be under five feet in height. He must be in good health and free from physical defect that would interfere with his academic or military work; he must also be free from contagious or infectious disease. Applications are approved subject to physical examination at the school.

An applicant must submit a certificate from the principal of the school last attended showing that he left the school in good standing. He must also furnish a certified statement of his previous academic work. Blanks for this purpose will be sent upon request.

The academic qualifications for entrance to the High School will be found on page 23 while those for the Junior College are given on page 40.

The school reserves the right to disapprove applications at its discretion.

## Special Regulations

All cadets are required to live at the Institute and to remain entirely under the authority of the officers. They are required to obey orders and to conform to the regulations of the Institute.

Experience has shown that leaves of absence are detrimental, both to the cadet and to the general discipline of the school. Requests for such furloughs as are absolutely necessary must be made by the parent or guardian directly to the Superintendent.

Cadets are required to report for duty promptly at the opening of the session. No deduction in charges will be made for late entrance.

The school expressly reserves the right to ask for the immediate withdrawal of any boy whose influence in the school is not good, even though there is no specific charge against him.

Anyone detected in the abuse of others by hazing will be severely punished; in extreme cases, expulsion may result.

The contracting of debts for any purpose is forbidden, and parents are requested to pay no unauthorized accounts, if sent to them by dealers.

Officers and cadets are required to wear the prescribed school uniform at all times during the session. Cadets on furlough are under

the jurisdiction of the Institute. They are required to wear uniform and to conform to such special regulations as may be prescribed.

No society is permitted to exist in the school that is not organized and conducted by or with the approval of the Superintendent and under such restrictions as he may require.

All mail and express matter must be addressed in care of the Institute and delivered from the school office.

Penalty duty is required for carelessness in conduct and for transgressions of the rules of the Institute; it is served under the personal supervision of the Commandant of Cadets. Practically all penalty duty is covered by tours and demerits. Should cases arise involving the repeated necessity for more severe penalties, or for corporal punishment, the offenders will not be permitted to remain in the school. Manifest indifference on the part of a student in adjusting himself to the routine and regulations of the school will also be considered ground for dismissal.

Monday afternoon, between the hours of one and five-thirty, is the only time designated for cadets to leave the grounds and visit Roswell. In order to leave at any other time they must secure written permission from the Commandant.

No cadet will be allowed to own or have the use or control of an automobile or motorcycle, either at the school or in town. The use by cadets of either public or private conveyances is also subject to school regulations.

The Institute is open for inspection at all times, but it is not advisable for parents to visit their sons too frequently.

Cadets who do not spend the Christmas vacation at home, or who do not file with the Superintendent written permission from their parents to visit in the homes of relatives or fellow-cadets, must remain at the Institute under such regulations as may be prescribed by the Institute authorities.

All cadets are required to be inoculated with typhoid, paratyphoid serum. If desired, the serum may be administered during the summer and a certificate presented upon entrance, certifying to the dates of inoculation.

All cadets are accepted on the condition that they be placed under the care of the officers of the Institute and parents are especially requested not to interfere with the discipline of the school. It is necessary that all cadets be treated exactly alike, whether their parents live in Roswell or at a distance, and parents are earnestly requested not to ask special favors for their sons.

## **High School**

## Requirements for Admission

Candidates for admission to the first year of the High School course—the Sixth Class—must present certificates showing that they have finished the usual grammar school studies. Applicants who are unable to present such certificates must pass satisfactory examinations in arithmetic, English grammar, English composition, geography, and the history of the United States.

A candidate for higher standing must present a certificate of work previously done, signed by the principal of the school in which the studies have been pursued. This certificate must contain a statement of honorable dismissal, must be from an approved high school, and must give full information as to the quality and amount of work done in each subject. A blank Certificate of Recommendation will be sent upon request, and should be filled out and submitted some time before the date set for the opening of school. This blank will ordinarily determine the classification of the candidate. However, the school reserves the right to require supplementary work if it is necessary.

## Requirements for Graduation

The high school certificate is granted to those students who have been in attendance at the Institute for at least one year and who have completed satisfactorily fifteen approved units of high school work.

A unit of credit is defined as the amount of work done in one subject during a school year of not less than thirty-six weeks, with five recitations a week of not less than forty minutes each. Two periods of manual training or laboratory work are equivalent to one period of class room work.

The high school department of the Institute is accredited with the North Central Association of Colleges and Secondary Schools. Students who have completed the high school course and have chosen their electives with university requirements in view will be admitted upon certificate to most colleges that admit students without examination.

The fifteen units required for high school graduation must include the following:

English	4	units
Algebra	1	unit
Plane Geometry	1	unit
History and Social Science, one of which must		
be United States History	2	units
Foreign Language (both units of the same		
language)	2	units
Physics, Chemistry, Botany, Zoology or Biology	1	unit

The remaining units necessary to complete the fifteen-unit curriculum are to be chosen from recognized fields of high school study.

## **Examinations and Reports**

A cadet's grades are determined by daily recitations and by written tests given at such times as the instructors may deem advisable. Reports are issued every six week and are sent to parents and guardians. In January and May, examinations are given on the work of the preceding semester. The conduct of the cadet is indicated by the number of demerits and the deportment grade entered on the report.

#### Promotion

Upon the completion of a given number of academic units of credit, promotion to the next higher class is made at the end of each year. No credit will be given in a subject when the average falls below seventy per cent; in the case of a required subject, the course must be repeated. If a student has an insufficient number of credits to secure promotion, he is allowed to proceed with the next higher course in those subjects in which his work has been satisfactory. No cadet will be allowed to take more than the required number of subjects without special permission. In case such permission is given the extra subject must be dropped if the quality of the work falls below standard.

## **Recommending Grades**

Although the passing average is fixed at seventy per cent, recommendation for admission to college or university is made only in those subjects where an average of eighty per cent or higher has been earned. Since an increasing number of colleges and universities are insisting upon qualitative as well as quantitative qualifications for admission, it is necessary for applicants to present records that show recommending rather than merely passing grades.

## Description of Courses in the High School

In addition to the work described below, other courses which the Institute is equipped to offer may be added if there should be sufficient demand for them, while listed courses may be withdrawn on account of lack of demand or for other sufficient reason. The following courses were offered during the session of 1931-1932.

#### BIOLOGY

BIOLOGY I a and b

BIOLOGY I  $\alpha$ —First semester. This course consists of the first five units of the text and treats of the classification of plants, their relation to animal organisms and their own environment. The value of green plants as food manufacturing organisms is emphasized.

Text: Meier's Essentials of Biology.

Laboratory Manual: Meier and Meier's Biology Notebook.

BIOLOGY I b—Second semester. The work of the second semester includes the last five units of the text and considers the classification of animals and their relation to their environment. The application of biologic principles to the human body and health activities are kept constantly before the student. The last two units are devoted to economic biology and the improvement of plant and animal life for the benefit of man.

(The second half of this course was offered during the second semester of 1931-1932.)

Text: Meier's Essentials of Biology.

Laboratory Manual: Meier and Meier's Biology Notebook.

#### CHEMISTRY

#### CHEMISTRY I a and b

CHEMISTRY I a—First semester. Recitation. The work of the first semester deals with some of the most important elements and their compounds. Theories of the atom, molecule, solution, the electron and valence are studied.

Text: Elementary Principles of Chemistry (Revised edition) by Brownlee-Fuller-Hancock-Schonwhitsit.

CHEMISTRY I a—Laboratory. About thirty experiments dealing with topics discussed in the class are worked out in the laboratory. Note books are kept on this work and an examination required. Laboratory manual: Laboratory Exercises to accompany Elementary Principles of Chemistry by Brownlee and others.

CHEMISTRY I b—Second semester. Recitation. The work of this semester completes the text of Brownlee and others, dealing with a number of the elements and their families. Emphasis is placed

upon commercial methods of manufacturing some of the most important compounds.

Chemistry I b—Laboratory. About forty experiments, illustrating fully the problems outlined in the text, are performed in the laboratory during this semester.

Text: Laboratory Exercises by Brownlee and others.

Laboratory fee, \$10 for both semesters.

NOTE—The chemical laboratories are open to all students during the school day under the direction of the instructor in charge.

The fixed fee charged for each course is to cover the cost of chemicals, gas, etc. Each student has his own desk, provided with lock and key, and is charged in addition for all apparatus broken. The breakage charge ranges from one to three dollars, depending upon the skill and care of the student.

#### COMMERCE

As a means of preparation for students who desire to enter business, courses in bookkeeping, shorthand, typewriting and commercial arithmetic are offered. It is unwise to undertake the study of commercial subjects without thorough preliminary academic training, especially in English and Mathematics; the commercial courses, therefore, are not open to Fifth and Sixth Classmen, or to students in higher classes who are not prepared for the work. No special students in bookkeeping or other commercial studies are admitted. A fee is charged students electing Bookkeeping or Typewriting.

#### BOOKKEEPING I a and b

BOOKKEEPING I a—First semester. Elementary exercises in recording transactions in books of original entry and posting. A model set is illustrated so that the student may better understand the connection between the books of original entry, the ledger, and the trial balance. Exercises are provided for practice in the preparation of the balance sheet and the statement of profit and loss. Each student is required to complete practice sets numbers 1 and 2; Sole Proprietorship.

Text: Twentieth Century Bookkeeping and Accounting, Part 1; first twenty chapters.

BOOKKEEPING I b—Second semester. The handling of accounts with fixed assets, income and expense accounts, controlling accounts, accruals and deferred items, and partnership problems are developed through exercises. The student is required to complete practice sets numbers 3 and 4; Partnership.

Text: Twentieth Century Bookkeeping and Accounting, chapters twenty to twenty-six.

Fee: \$2.00 for both semesters.

#### Typewriting I a and b

TYPEWRITING I a—During the first semester the student is taught the key location of all letters of the alphabet, characters, and figures. The principal parts of the typewriter and their use are taught. Exercises to music are given for the purpose of developing rhythm and an even touch. Ten periods per week.

Text: Rational Typewriting (Revised edition).

Typewriting I b—The second semester consists of a study of the writing of business letters, special reports and forms. Each student is required to pass an accuracy and speed test. Ten periods per week.

Text: Rational Typewriting (Revised edition).

Fee: \$10.00 for both semesters.

#### ENGLISH

Although the work in high school English is planned primarily to meet the student's needs in securing acquaintance with important pieces of literature and in obtaining proficiency in the use of language, it is based on the Uniform Entrance Requirements in English and is sufficient for entrance to any standard college.

#### ENGLISH I a and b

ENGLISH I a—First semester. Composition. Drill upon the fundamentals of correct writing and speaking, based on Ward's Sentence and Theme. Oral and written themes are assigned each week. Work in spelling emphasizes the mastery of words frequently misspelled. Drills in punctuation are given.

Literature. The work in literature is based upon Good Reading for High Schools, Book One, Adventure. The following selections are studied carefully: Kidnapped, The Lady of the Lake, and various narratives in prose and poetry. In addition, oral reports are made on three books chosen from an approved list.

ENGLISH I b—Second semester. Composition. The work in Ward's Sentence and Theme is continued. Weekly oral and written themes receive additional attention; emphasis is placed upon accurate thinking, adequate vocabulary, and structure of the composition.

Literature. The use of Good Reading for High School, Book One, Adventure, is continued. The following selections are studied: Enoch Arden, As You Like It, and various sketches, letters, orations, and ballads. Ivanhoe is also studied. Oral reports are made on three books chosen from an approved list.

#### ENGLISH II a and b

ENGLISH II a—First semester. Composition. The course consists of a review of the basic rules of grammar and a detailed study of

rhetorical principles governing paragraphing, sentence-making, and choice of words as discussed in Tanner's Correct English, Second Course. Oral and written themes, one paragraph in length, are assigned each week; their unity and coherence are stressed.

Literature. The following selections in Good Reading for High Schools, Book Two, Achievement, are studied in class: The Prisoner of Chillon, The Rime of the Ancient Mariner, The House of the Seven Gables, and other selections in verse and prose. Quentin Durward also is studied. Oral reports are given on three books chosen from an approved list.

ENGLISH II b—Second semester. Composition. The work of the first period in Tanner's Correct English, Second Course, is carried forward. Frequent drills are given to increase vocabulary and sentence-variety, and to correct common errors in grammar. Themes are continued.

Literature. The following selections in Good Reading for High Schools, Book Two, Achievement, are studied in class: five of Idylls of the King, Julius Caesar, and several essays, lyrics, and one-act plays. Masefield's Dauber also is studied. Oral reports are given on three books chosen from an approval list.

#### English III a and b

ENGLISH III a—First semester. Composition. A detailed training in letter writing is given, including business and advertising letters, and personal letters, both formal and informal. Vocabulary building is emphasized. Themes, based upon topics of current interest from The Atlantic Monthly, are assigned regularly, and accurate expression of students' personal ideas is stressed. Oral expression is studied; voice placement and diction are emphasized in oral reading. The various functions of the parts of a speech are designated, preparatory to the composition and delivery of original speeches.

Texts: Tanner's Correct English, Second Course and The Atlantic Monthly.

ENGLISH III b—Second semester. American Literature. This course considers the forces forming and coloring American Literature as a distinctive type. It follows the development of the short story from Poe to the present time, tracing the American novel from the time of Washington Irving to the present; and American poetry from New England's Colonial period to that of contemporary writers. The use of the library is supervised, and numerous book reports on novels and biographies are required. Through parallel readings in contemporary social and political history of America, the class is enabled better to understand the development of American literature.

Texts: Cross, Smith, and Stauffer's Good Reading for High Schools, Book Three, American Writers, and The Atlantic Monthly.

#### ENGLISH IV a and b

ENGLISH IV a—First semester. Composition. Practice in composition is given through frequent short themes and four long ones. Century Collegiate Handbook is used for reviewing fundamentals.

Literature. Chaucer's England, his life and work, including The Prologue of The Canterbury Tales, and Shakespeare, his times and contemporaries, are studied. Macbeth is given special study. The lives and work of Francis Bacon, Ben Jonson, John Milton and others of the period are stressed; L'Allegro, Il Penseroso, Lycidas and part of Paradise Lost are given special study. Dryden, Pope and Dr. Johnson are studied in detail.

Text: Cross, Smith, and Stauffer's Good Reading for High Schools, Book Four, English Writers.

ENGLISH IV b—Second semester. Composition. The writing of frequent short and long themes and reports is continued. The work is based upon the material in the Century Collegiate Handbook.

Literature. Burke's Speech on Conciliation with America is given special study. This is followed by study of selected writers of the Romantic, Victorian and Modern periods. Works of the leading authors of these periods are given special study and written reports are made.

Text: Cross, Smith, and Stauffer's Good Reading for High Schools, Book Four, English Writers.

#### **FRENCH**

The courses in French are intended to give the student a reasonable facility in understanding oral French and in reading without difficulty simple, modern French prose and verse. To attain these ends, stress is first laid upon the acquisition of a correct pronunciation, after which the energy of the student is directed toward the mastery of the elements of grammar, common irregular verbs, and useful colloquial idioms.

#### FRENCH I a and b

FRENCH I a—Elementary French. First semester. Thorough training in pronunciation; the essentials of French Grammar; oral and written exercises.

Text: Chardenal's Complete French Course, Lessons 1 to 18.

FRENCH I b—A continuation of the work of the first semester. Drill on regular conjugation and the most common irregular verbs and idioms; conversation based on reading; dictation.

Texts: Chardenal's Complete French Course, Lessons 18 to 36, and Grimm's Seize Petits Contes Tout Modernes.

#### FRENCH II a and b

FRENCH II a—Intermediate French. First semester. First a rapid review, then a continuation of the work of the preceding year with more detailed study of grammar, dictation, conversation.

Texts: Chardenal's Complete French Course, Lessons 36 to 72, and Vermont's La Belle France.

French II b—A continuation of the work in the first semester. Intensive drill on irregular verbs and common idioms.

Texts: Chardenal's Complete French Course, Lessons 72 to 85, and Potter's Dix Contes Modernes.

#### GENERAL SCIENCE

#### GENERAL SCIENCE I a and b

GENERAL SCIENCE I a—First semester. A study in natural science covering the place and conditions under which we live. Classroom demonstrations assist in correlating the facts and principles of the sciences with the student's daily life. The first nine units as outlined in the text are studied.

Text: Wood and Carpenter's Our Environment—How We Use and Control It.

GENERAL SCIENCE I b—Second semester. The study of man's contribution to civilization and progress through the utilization of the forces of nature, with particular reference to industrial fields. The remaning eight sections of the text are supplemented by practical classroom demonstrations.

Text: Wood and Carpenter's Our Environment—How We Use and Control It.

#### GERMAN

GERMAN I a and b-Elementary German.

GERMAN I a—First semester. The work of the first semester consists of careful drill upon pronunciation and the rudiments of grammar; practical conversation; oral and written assignments.

Texts: Bacon's New German Grammar, Lessons I to XV.

GERMAN I b—Second semester. A continuation of the work of the first semester, with further drill upon pronunciation and the rudiments of grammar; abundant work in conversation, dictation and sight reading; memory work; supplementary reading.

Texts: Bacon's New German Grammar, Lessons XVI to XXV; Foster and Wooley's Geschichten und Maerchen and Bolt's Peterli am Lift.

GERMAN II a and b-Elementary German (Second Year).

GERMAN II  $\alpha$ —First semester. Continued drill upon pronunciation and the rudiments of grammar, with a thorough review of the first year's work. Memory work; conversation; dictation and sight reading.

Texts: Bacon's New German Grammar, Lessons XVI to L, and Wildenbruch's Das edle Blut.

German II b—Second semester. Continued emphasis upon pronunciation and completion of the rudiments of grammar. Ample practice in conversation, dictation and sight reading.

Texts: Bacon's New German Grammar, Lessons LI to LXV; Holzwarth's Gruss aus Deutschland; Elz's Er ist nicht eifersuechtig.

#### HISTORY AND SOCIAL SCIENCE

Students in the High School are required to do two years of work in history and social science. United States History must be elected as one of the courses by which this requirement shall be met. In all courses, supplementary reading and map studies are required.

HISTORY I a and b-Ancient and Medieval History.

HISTORY I a—First semester. This is a brief survey of the development of civilization from the earliest cultures to the beginning of the Christian Era. While some attention is given to the Far East, the main emphasis is on the nations of the Orient and the rise of the Roman Empire. A workbook designed to accompany the text is used.

Text: Hayes and Moon's Ancient and Medieval History.

HISTORY I b—Second semester. This course includes European history from the height of the Roman Empire to the French Revolution. Social, economic, and political institutions of Medieval times are studied, as well as the formation of the modern nations. Emphasis is placed upon social and economic conditions.

Text: Hayes and Moon's Ancient and Medieval History.

HISTORY II a and b-Modern History.

HISTORY II a—First semester. The first few weeks are devoted to a resume of earlier history. The important events of the Middle Ages and the foundations of Modern Civilization are treated: The Age of Exploration; The Financial and Commercial Revolutions; The Advance of Science; The Religious Reformation; The Development of Nationalism; The Age of Autocracy; The English, American and French Revolutions; The Era of Napoleon and The Industrial Revolution. Supplementary reading, special reports, notebook work and map exercises are required.

Text: Hayes and Moon's Modern History.

HISTORY II b—Second semester. This is a study of Europe from the year 1815 to the present time, tracing events through the Age of Democracy, 1815-1848; The Unification of Italy and Germany; Autocracy in Russia; The Struggle of Subject Nationalities for Self Determination; Great Britain and Her Empire; The White Man's Burden; Africa Partitioned; The Causes of the World War; The World War; The Reorganization of Europe; Bolshevism in Russia and The World Today. Supplementary reading, special reports, notebook work and map exercises are required.

Text: Hayes and Moon's Modern History.

HISTORY III a and b—English History.

HISTORY III a—First semester. This is a course in English History from the earliest times through Celtic and Roman Britain; Saxon England; The Norman Conquest; The Formation of a United English Nation; The Hundred Years' War; The Early Tudor Period and The Reign of Queen Elizabeth. Supplementary reading, source material, special reports and map exercises are required.

Text: Cheyney's A Short History of England

HISTORY III b—Second semester. Beginning about the year 1600, the course of events is studied through the Struggle between the Early Stuarts and Parliament; The Great Rebellion and the Commonwealth; The Restoration and the Revolution of 1688; The Foundation of the British Empire; The Industrial Revolution, the American Revolution and the French Revolution; The Growth of Democracy and Social Changes and the Great War. Supplementary reading, source material, special reports and map exercises are required.

Text: Cheyney's A Short History of England.

HISTORY IV ab—American History. A two semester course in the history of the United States. Those factors in our national development are emphasized which contribute to an understanding of the present. Thus, prevailing conditions and institutions are explained by portraying their paths of development. Minor details are sacrificed to a lucid presentation of the great phases of our country's progress. Stress is placed upon the westward-moving frontier as the most constant and potent force in our history, and the influence of economic factors on our sectional rivalries and political theories receives adequate recognition. Our recent social, political, and industrial history is accorded an emphasis commensurate with its vast significance. Recitations; assigned readings; reports; map studies.

Text: Muzzey's History of the American People.

ECONOMICS—A half year course, offered each semester. This is an elementary course stressing the fundamental laws of economics,

from the standpoint of economics as a social science, under the four major divisions of production, exchange, distribution and consumption.

Text: Feur's Elements of Economiss, with Problems.

AMERICAN GOVERNMENT — A half year course offered each semester. The spirit, the form, and the operation of American Government are considered. No effort is made to present a vast array of facts. Rather, improvement in citizenship is sought by establishing correct political ideals and standards of political morality. The learner is brought face to face in a practical way with those questions which perplex the voter and thus is prepared for intelligent voting.

Text: Forman's The American Democracy, Revised edition.

#### LATIN

Latin courses are planned to give to the student an increasing ability to read English, to understand and use words accurately, to spell correctly, to master the vocabulary of foreign language, to comprehend the principles of grammar, and to speak and write English correctly.

#### LATIN I a and b

LATIN I a—First semester. This semester's work consists of mastery of two noun declensions, adjectives, the indicative, and careful drill on vocabulary; thorough knowledge of the more frequently used constructions; reading of connected Latin.

Text: Ullman and Henry's Elementary Latin.

LATIN I b—Second semester. Study of the third, fourth, and fifth noun declensions; comparison of adjectives and adverbs; pronouns; participles; the subjunctive and infinitive moods; emphasis on the common constructions that are necessary to further progress.

Text: Ullman and Henry's Elementary Latin.

#### LATIN II a and b

LATIN II a—First semester. The work consists of reviews of forms and syntax, including constructions not studied previously; daily prose compositions; translation of stories of Roman life and history.

Text: Ullman and Henry's Second Latin Book, Revised edition.

LATIN II b—Second semester. Translation of stories from Roman history is continued. Selections from Books One, Two, Three and Four of Caesar's Commentaries are translated.

Text: Ullman and Henry's Second Latin Book, Revised edition.

LATIN III a and b—(Alternates with Latin IV a and b).

LATIN III a—First semester. The work of the first semester consists of the translation of the first three of Cicero's orations against Catiline. Much attention is devoted to prose composition.

Texts: D'Ooge's Cicero-Select Orations; Bennett's New Latin Grammar; Bennett's New Latin Composition, Part II.

LATIN III b—Second semester. In this semester the work consists of translation of the fourth oration against Catiline, and of as much of Ovid's *Metamorphoses* as time allows. Special attention is given to the scansion and reading of dactylic hexameter. The mythological element present in Ovid's poems is emphasized, with Gayley's *Classic Myths* used as a guide in this work. Prose composition is continued. Offered alternate years.

Texts: D'Ooge's Cicero-Select Orations; Bennett's New Latin Grammar; Bennett's New Latin Composition, Part II; Kelsey and Scudder's Selections from Ovid.

LATIN IV a and b—(Alternates with LATIN III a and b).

LATIN IV a—The first semester includes the translation of Books I, II, and III (in part) of the Aeneid. Special care is taken to master the scansion and reading of Latin hexameter. Much attention is given to mythology, for which Gayley's Classic Myths is used as a guide.

Texts: Bennett's New Latin Grammar, Bennett's New Latin Composition, Part II, and Fairclough-Brown's Virgil's Aeneid.

LATIN IV b—Translation of Books III (in part), IV, V (in part), and VI, of Virgil's Aeneid. Continued emphasis is placed upon the reading of hexameter and upon composition. Offered alternate years.

Texts: Bennett's New Latin Grammar, Bennett's New Latin Composition, Part II, and Fairclough Brown's Virgil's Aeneid.

#### MATHEMATICS

Four years of preparatory Mathematics are offered, the first two of which are required. However, students are urged to do at least one year's work in addition to this minimum requirement. This is particularly important in the case of those who plan to go to college or technical school.

#### Algebra I a and b

ALCEBRA I a—The first semester takes up the derivation and meaning of simple formulae, graphs, and linear equations in one unknown, and the four fundamental operations with whole numbers. It covers the material given in Hawkes, Luby and Touton's New First Course in Algebra to page 181.

ALGEBRA I b—Second semester. A continuation of Algebra I a. Fractions, ratio and proportion, numerical trigonometry, simultaneous linear equations, and powers and roots are studied.

Text: Hawkes, Luby and Touton's New First Course in Algebra, pages 181 to 357.

#### ALGEBRA II a and b

ALGEBRA II a—First semester. An intensive review of first year Algebra is given, followed by numerical and literal quadratic equations, exponents and radicals.

Text: Hawkes, Luby and Touton's New Second Course in Algebra, (Enlarged edition) to page 188.

ALGEBRA II b—Second semester. A continuation of Algebra II a. Logarithms, and the use of logarithmic tables of numbers and functions in the solution of right triangles; arithmetic and geometric series, and the binomial theorem for positive integral exponents are studied.

Text: Hawkes, Luby and Touton's New Second Course in Algebra, (Enlarged edition), pages 188 to 318.

ALGEBRA II a and II b are the equivalent of Mathematics A 2, Quadratics and Beyond, as designated by the College Entrance Examination Board.

#### Plane Geometry I a and b

PLANE GEOMETRY I a-First semester. The usual theorems, construction and practical applications of Book 1, Thomas' Plane Geometry, to circles, are studied.

Plane Geometry I b—Second semester. This is a continuation of Geometry I a, beginning with circles and continuing through the measurement of angles, areas, proportions and similar polygons, including the Pythagorean theorem.

Text: Thomas' Plane Geometry, Books II, III, IV, and V.

Solid Geometry I a—One semester. The opening weeks of the course are spent in a study of line and plane relations in space. Detailed attention is then given to each of the important solids. The prism, pyramid, cylinder and cone are studied with special reference to their volumes and practical properties. Main emphasis is placed upon exercises. A thorough survey of Spherical Geometry occupies the latter part of the semester.

Text: Palmer-Taylor-Farnum's Solid Geometry.

PLANE TRICONOMETRY I a—One semester. Passano's Plane and Spherical Trigonometry with Tables is followed throughout the semester. Emphasis is placed on the development of formulas and

the solution of triangles. Plane trigonometry is completed in about fourteen weeks and is followed by as much spherical trigonometry as time will permit. The course closes with a review of problems that have been given in College Entrance Board examinations.

#### MECHANICAL DRAWING

Throughout the entire course drawing is treated primarily as a language—a method of expression—not merely as a mechanical art. It is intended as a training, first, in comprehending the idea to be transmitted; second, in expressing it in such a way that it cannot be misunderstood.

#### DRAWING I a and b

Drawing I a—First semester. The use and practice of instruments, lettering plates, geometrical construction, drawing conventions, orthographic projections, and isometric projections. Drafting room work includes ten regular periods.

Text: French and Svenson's Mechanical Drawing for High

Schools.

Drawing I b—Second semester. Oblique projections, freehand sketching, detail and assembly drawings, developments, blueprinting, and elementary architectural drawing.

Text: French and Svenson's Mechanical Drawing for High

Schools.

Fee: \$10.00 for both semesters.

#### **PHYSICS**

#### Physics I a and b

Physics I a—First semester. A course in the theory of Mechanics, Molecular Physics, and Heat. Special attention is given to application of the principles to practical problems, such as the steam engine, the internal combustion engine, the automobile, and the airplane. About one hundred and fifty demonstrations are made by the instructor; twenty laboratory experiments are performed by the class.

Prerequisites: Algebra I and Geometry I. Text: Millikan and Gale's Elements of Physics.

Physics I b—Second semester. A continuation of Physics I a. A course in Electricity, Light and Sound. Several hundred demonstrations are made by the instructor; twenty laboratory experiments are performed by the class. Applications of theory are made to wireless, to telephony and telegraphy, to ignition systems, electric lighting, electrical measurements, optical and musical instruments.

Prerequisites: Algebra I, Geometry I and Physics I a.

Text: Millikan and Gale's Elements of Physics.

Laboratory fee, \$5.00 for both semesters.

#### SPANISH

Four years of High School Spanish are offered. While the disciplinary and cultural values of language study are duly recognized and emphasized, the practical aspects of the work are not neglected. Many of the class recitations are conducted in Spanish. Letterwriting is introduced early in the course and considerable sight reading is done.

#### Spanish I a and b

Spanish I  $\alpha$ —First semester. Hills and Ford's First Spanish Course, Lessons I to XVI. Verb conjugations, simple translations, vocabulary drill.

SPANISH I b—Second semester. Hills and Ford's First Spanish Course, Lessons XVI to XXXV. Harrison's Elementary Spanish Reader. Reading of simple Spanish stories with particular emphasis upon pronunciation.

#### Spanish II a and b

Spanish II a—First semester. Review of Spanish I, using Hills and Ford's First Spanish Course, Lessons I to XXV. Reader: Phipps' Paginas Sudamericanas.

Spanish II b—Second semester. Hills and Ford's First Spanish Course, Lessons XXV to XL. Spanish short stories from Trogos Modernos, by Marcial Dorado and Ray. Conversation in Spanish; original compositions and translations.

#### Spanish III a and b

Spanish III a—First semester. This course consists of a rapid but comprehensive review of the first two years' work in Spanish grammar. Seymour and Carnahan's A Short Spanish Review Grammar is the basic text. Selections from La Rana Viajera by Camba are read, principally for the study of modern Spanish idioms.

Spanish III b—Second semester. In this semester nearly all the time available is given to reading, original composition and conversation. Le Sage's Gil Blas de Santillana and Alarcon's El Sombrero de Tres Picos, are the novels read.

### Spanish IV a and b (Alternates with Spanish III a and b)

SPANISH IV a—First semester. A reading and conversational course, with grammar review, including oral and written discursos. With the exception of the weekly prose class, all recitations are conducted in Spanish. The work in composition is based upon Seneca's Spanish Conversation and Composition. The oral and written con-

## Requirements for Admission

Candidates for admission to the freshman year of the Junior College—the Second Class—must present fifteen standard units of credit by certificate from an approved high school or by examination. Where, through no fault of his own, the candidate's record falls not more than one unit short of fifteen, he may be admitted as a qualifying student in the Junior College. Of these fifteen units the following are required:

Ėnglish4 ur	ıits
(Where high school graduation has been permitted with but three units, three will be accepted.)	
Algebral un	iit
Plane Geometry1 un	iit
History and Social Science2 ur	nits
Foreign Language (both units of same language)2 ur	nits

In addition to the eleven required units listed, four other units are to be submitted, chosen preferably from the following subjects: Mathematics, History and Social Science, Foreign Language, Science and Mechanical Drawing.

Physics, Chemistry, Botany, Zoology or Biology ....1 unit

Applicants from states in which the high school requirements for graduation, as outlined by the Department of Education, differ from the requirements listed above will be given an opportunity during their freshman year to make up resulting deficiencies.

A unit of credit is defined as the amount of work done in one subject during a school year of not less than thirty-six weeks, with five recitations a week of not less than forty minutes each. Two periods of manual training or laboratory work are equivalent to one period of classroom work.

Subjects submitted should bear a definite relation to the courses to be chosen in the Junior College. No more than three units in

vocational subjects will be accepted.

No candidate should report for matriculation in the Junior College unless his certificate of credit has been approved by the Registrar. Disappointment and unnecessary expense may result from neglect of this precaution.

## Junior College Curricula

English 11-12 are required of Second Classmen in all curricula. Theoretical instruction in Military Science and Tactics is required of both Second and First Classmen. Junior College students carry a minimum of fifteen semester hours of academic work per week.

The subjects from which electives may be chosen in the Junior College are English, Mathematics, History, Economics, Sociology, Government, Business Law, Business Organization, Spanish, French, Biology, Chemistry, Physics, Geology, Mechanical Drawing, Surveying, Psychology, Accounting, Advertising and Salesmanship. The work offered in these subjects is briefly described in the following pages.

Experience has shown the necessity of a well-planned sequence of electives, both for those intending to continue their college work elsewhere and for those intending to enter business upon graduation from the Institute. Students should, therefore, choose their subjects in the order suggested below, unless some very good reason can be advanced for a different choice. No technical course is outlined, since New Mexico Military Institute is not a technical school.

## LIBERAL ARTS SECOND CLASS (First Year College)

English	3 hours
Modern Language	5 hours
Science	
and either of the following:	
Mathematics	3 hours
History	
Total, each semester	15 hours
FIRST CLASS (Second Year College	
English, 3 hours, and at least 12 hours from	the following:
History	3 hours
Modern Language	5 hours
Economics	3 hours
Government	3 hours
Geology	4 hours
Mathematics	3 hours
Sociology	3 hours
Psychology	3 hours
Total, each semester	15-18 hours
SCIENCE	
	:)
SECOND CLASS (First Year College	:) 3 hours
	3 hours
SECOND CLASS (First Year College English	3 hours 3 hours 5 hours
SECOND CLASS (First Year College English	3 hours 3 hours 5 hours
SECOND CLASS (First Year College English	3 hours 3 hours 5 hours 4 hours
SECOND CLASS (First Year College English — — — — — — — — — — — — — — — — — — —	3 hours 3 hours 5 hours 4 hours 15 hours
SECOND CLASS (First Year College English — — — — — — — — — — — — — — — — — — —	3 hours 3 hours 5 hours 4 hours 15 hours
SECOND CLASS (First Year College English  Mathematics  Modern Language Science (Biology, Chemistry or Physics)  Total, each semester  FIRST CLASS (Second Year College Science (Biology, Chemistry or Physics)  Mathematics	3 hours 3 hours 5 hours 4 hours 15 hours
SECOND CLASS (First Year College English  Mathematics  Modern Language Science (Biology, Chemistry or Physics)  Total, each semester  FIRST CLASS (Second Year College Science (Biology, Chemistry or Physics)  Mathematics  At least eight hours from the following:	3 hours 3 hours 5 hours 4 hours 15 hours 15 hours 3 hours
SECOND CLASS (First Year College English  Mathematics  Modern Language Science (Biology, Chemistry or Physics)  Total, each semester  FIRST CLASS (Second Year College Science (Biology, Chemistry or Physics)  Mathematics  At least eight hours from the following: Surveying	3 hours 3 hours 5 hours 4 hours 15 hours 15 hours 3 hours
SECOND CLASS (First Year College English  Mathematics  Modern Language Science (Biology, Chemistry or Physics)  Total, each semester  FIRST CLASS (Second Year College Science (Biology, Chemistry or Physics)  Mathematics  At least eight hours from the following: Surveying  Modern Language	3 hours 3 hours 5 hours 4 hours 15 hours 2 hours 3 hours 3 hours 5 hours
SECOND CLASS (First Year College English  Mathematics  Modern Language Science (Biology, Chemistry or Physics)  Total, each semester  FIRST CLASS (Second Year College Science (Biology, Chemistry or Physics)  Mathematics  At least eight hours from the following: Surveying  Modern Language  Government	3 hours 3 hours 5 hours 4 hours 15 hours 2 hours 3 hours 3 hours 3 hours 3 hours 3 hours
SECOND CLASS (First Year College English  Mathematics  Modern Language Science (Biology, Chemistry or Physics)  Total, each semester  FIRST CLASS (Second Year College Science (Biology, Chemistry or Physics)  Mathematics  At least eight hours from the following: Surveying  Modern Language  Government  Geology	3 hours 3 hours 5 hours 4 hours 15 hours  4-5 hours 3 hours  3 hours  4-6 hours  4-7 hours  4-7 hours  4-8 hours
SECOND CLASS (First Year College English  Mathematics  Modern Language Science (Biology, Chemistry or Physics)  Total, each semester  FIRST CLASS (Second Year College Science (Biology, Chemistry or Physics)  Mathematics  At least eight hours from the following: Surveying  Modern Language  Government	3 hours 3 hours 5 hours 4 hours 15 hours 2 hours 3 hours 3 hours 3 hours 4 hours 4 hours

CHEMISTRY 11—Laboratory. Experiments illustrating chemical changes; preparation of acids, bases and salts, their identification and their most important reactions are worked out in detail.

Text: Carter's A Laboratory Course in General Chemistry, Part One.

CHEMISTRY 12—Second semester. Three lecture hours and three hours of laboratory. Four hours credit. This course is a continuation of Chemistry 11 and completes the McPherson and Henderson text. Much time is spent on the application of the theory of ionization, Equilibrium reactions, the Periodic Law and the structure of the atom. A number of families of the elements are studied during this period.

CHEMISTRY 12—Laboratory. The experiments deal chiefly with electrolytic dissociation, oxidation, reduction, neutralization, hydrolysis and equilibrium reactions. A brief course in qualitative analysis is given throughout the last six weeks.

Text: Carter's A Laboratory Course in General Chemistry, Part Two.

Laboratory fee, \$10.00 for both semesters.

CHEMISTRY 21 (Formerly Chemistry B)—Qualitative Chemical Analysis. First semester. Nine hours laboratory and one hour classroom work a week for eighteen weeks. Five hours credit. The laboratory work deals with the recognition of metal and acid radical ions, separation of metals, and blow-pipe analysis. The classroom work is devoted to the theories involved in chemical reactions and to equation writing, written tests, and problems.

Prerequisite: Chemistry 11-12.

Texts: Curtman's A Course in Qualitative Chemical Analysis; Miller's Calculations of Analytical Chemistry.

Laboratory fee, \$10.00.

CHEMISTRY 22 (Formerly Chemistry C)—Quantitative Chemical Analysis. Second semester. Nine hours laboratory and one hour classroom work a week for eighteen weeks. Five hours credit. The work as outlined in Talbot's Quantitative Chemical Analysis is followed closely. The classroom work deals with the theories and problems involved.

Prerequisite: Chemistry 11-12 and Chemistry 21.

Laboratory fee, \$10.00.

Note—The chemical laboratories will be open to all students, except those in Chemistry 11-12, from eight o'clock in the morning until four o'clock in the afternoon.

The fixed fee charged for each course is to cover the cost of

chemicals, gas, etc. Each student has his own desk, provided with lock and key, and is charged in addition for all apparatus broken. The breakage charge ranges from one to three dollars, depending upon the skill and care of the student.

#### COMMERCE

Commerce 11-12 (Formerly Accounting A 1 and 2)—Introduction to Accounting.

COMMERCE 11—First semester. Five hours per week. Four hours credit. From the beginning, the student is taught to analyze business facts and conditions. The work of this semester includes in part: types of business organization; balance sheet; statement of profit and loss; interrelation between the economic and financial elements of a business; philosophy of debit and credit; the journal and its subdivisions; the trial balance; adjusting and closing entries. Practice material is provided to accompany each chapter.

Text: Kester's Accounting Theory and Practice, Volume I, Chapters I to XXVII.

COMMERCE 12—Second semester. Five hours per week. Four hours credit. This semester's work is devoted to a study of types of accounting records; controlling accounts; partnership; corporation; interrelations of accounting, financial management, buying and marketing. The practice material consists of two sets of books, the first a partnership and the second a corporation set.

Text: Kester's Accounting Theory and Practice, Volume I, Chapters XXVIII to LIV.

Fee, \$2.00 for both semesters.

COMMERCE 13—Salesmanship. First semester. Three hours per week. Three hours credit. This course is based on the modern conception of selling. Instruction is given in the fundamental principles and the theory underlying the selling technique, and the practical application of these principles through analysis of sales and by actual sales demonstrations.

Text: C. H. Fernald's Salesmanship.

Commerce 14—Advertising. Second semester. Three hours per week. Three hours credit. The way in which advertising is used; how to determine the kind and extent; the chief psychological problems involved; the chief classes of advertising; the psychological and mechanical methods of securing and holding attention; the nature, purpose, and structural principles of advertising copy; retail and department store advertising; letters and follow-up systems; laws affecting advertising.

Text: Otto Kleppner's Advertising Procedure.

COMMERCE 15-16 (Formerly Business Law A 1 and 2)—Business Law. Both Commerce 15 and 16 must be taken in order to obtain credit. An endeavor is made to give the student an understanding of those principles of the law which are essential to the intelligent conduct of modern business.

COMMERCE 15—First semester. Three hours per week. Three hours credit. The subject of contracts is studied as the basis of the law of business. The elements of a contract, the competence of parties to a contract, its execution and the consequences of its breach, are examined. Agency and the law of sales, bailments and carriers are studied, both as independent branches of the law and in their relationship to the law of contracts. Lectures and discussion of cases supplement the assignments in the text.

Text: Hulvey's Commercial Law, Principles and Cases.

COMMERCE 16—Second semester. Three hours per week. Three hours credit. The Uniform Negotiable Instruments Law and its applications are made the foundation of the work of half of this semester. Partnerships, the Uniform Partnership Act, corporations, business trusts, guaranty and suretyship are also studied.

Text: Bays' Commercial Law, Book Two, and Hulvey's Commercial Law, Principles and Cases.

COMMERCE 17-18 (Formerly Business Organization and Operation A 1 and 2)—Business Organization. Two hours per week each semester. Four hours credit per year. A basic course offering a thorough grounding in the fundamentals of business organization, management, and finance. Each department of business: organization, finance, purchasing, management, advertising, selling, and accounting, is concisely yet comprehensively covered. The student is given the view of business as a whole which he should have before specializing in certain departments.

Text: Gurstenberg's Principles of Business.

COMMERCE 21-22 (Formerly Accounting B I and 2) — Advanced Accounting.

COMMERCE 21—First semester. Five hours per week. Four hours credit. Accounting and financial problems of the corporation; a study of the voucher register; different aspects of valuation as met in the commercial balance sheet; the nature of each class of assets and liabilities; the nature and calculation of depreciation; the expression of depreciation on the books. Practice material.

Text: Kester's Accounting Theory and Practice, Volume II. Fee, \$2.00.

COMMERCE 22.—Second semester. Five hours per week. Four hours credit. Accounting treatment for problems relating to fixed and intangible assets; the handling of accrued or deferred items; sound accounting treatment of problems relating to capital. Practice material is provided to accompany each chapter.

Text: Kester's Accounting Theory and Practice, Volume II. Fee, \$2.00 for both semesters.

#### DRAWING AND DESCRIPTIVE GEOMETRY

Drawing 11 (Formerly Drawing A)—Elements of Drafting. First semester. Eight hours per week. Four hours credit. Lettering, isometric and oblique drawing, orthographic projection, machine sketching, working drawings, plates from specifications and from models. Dimensional sketches and plates from machine parts. Blueprinting. Plate specifications as outlined by University of Illinois.

Text: Jordon and Hoelscher's Engineering Drawing. Fee, \$5.00.

Drawing 12 (Formerly Drawing B)—Descriptive Geometry. Second semester. Eight hours per week. Four hours credit. Point, line, plane and double curved surfaces of revolution, intersections and developments are the basis of this course. About fifty plates are prepared, with several problems on each plate. Plate specifications as outlined by University of Illinois.

Prerequisite: Drawing 1 or Drawing 11.

Text: H. W. Miller's Descriptive Geometry.

Fee, \$5.00.

#### **ECONOMICS**

Economics 11-12 (Formerly Economics AA 1 and 2)—An Introduction to Economics.

ECONOMICS 11—First semester. Three hours per week. Three hours credit. The first semester's work includes a study of basic principles of economics such as value, price, production, consumption, factors of production and the business cycle, with their practical application to current economic problems. A term paper on some current economic problem is required.

Text: Fairchild, Furniss and Buck's *Elementary Economics*, Volume One.

ECONOMICS 12—Second semester. A continuation of Economics 11. Three hours per week. Three hours credit. The second semester includes a survey of such topics as economic rent, distribution, interest.

profits, wages, public finance and Socialism. A term paper on some current problem is required.

Text: Fairchild, Furniss and Buck's *Elementary Economics*, Volume Two.

Economics 21 (Formerly Economics B)—Labor Problems. First semester. Three hours per week. Three hours credit. A survey of industrial relations from the standpoint of both employer and employed. Among the topics treated are Security of Labor, the Labor Market, Labor Management, Labor Unions, The American Federation of Labor, and Labor and the Law.

Prerequisite: Economics 11-12.

Text: Common's Trade Unionism and Labor Problems.

ECONOMICS 22 (Formerly Economics C)—Marketing. Second semester. Three hours per week. Three hours credit. A practical course designed for the more advanced students who intend to enter business. The course includes a detailed survey of all the marketing agencies and their functions and a study of all the systems of goods distribution now in use.

Prerequisite: Economics 11, 12 and 21.

Text: White and Hayward's Marketing Practice.

#### ENGLISH

The English courses offered in the Junior College are planned to accomplish two ends: to train the student to write well, and to show him how to find both entertainment and knowledge of life from books. The work is equivalent to that done in the first two years in most American colleges.

ENGLISH 11-12 (Formerly English A 1 and 2)—Composition and Rhetoric. The aim in this course is to develop skill in writing clearly and forcefully. The principles of rhetoric are studied and application of them is made in weekly themes representing the more useful types of composition. This practice in writing is accompanied by considerable reading, partly to furnish examples and models and partly to stimulate thought.

ENGLISH 11—First semester. Three hours per week. Three hours credit. The class reviews by means of Taft, McDermatt and Jensen's The Technique of Composition, the fundamentals of good writing, especial attention being given to sentence making. Supplementing this is the study of various models in Fulton's Expository Writing. Weekly themes give practice in various forms of expository writing.

English 12—Second semester. Three hours per week. Three hours credit. The class studies especially the procedures and devices

in description, narration, and argumentation. Especial attention is given to diction, exercises like those in Greever and Bachelor's The Century Vocabulary Builder being given once a week. The weekly themes are based on topics suggested by the student's reading and experience. The outside reading includes Henry James' Daisy Miller, Hardy's The Return of the Native, and Holmes' The Autocrat of the Breakfast Table.

English C 1 and 2) Public Speaking.

ENCLISH 13—First semester. Four hours per week. Two hours credit. This course stresses the reading aloud of some of the gems of English Literature for the purpose of literary appreciation as well as for voice culture. During the second half of the semester emphasis is placed on oral discourse as a method of communication and the student has opportunity to learn "to think on his feet." The entire course is designed to give practice rather than theory to the student.

Text: Nattkemper and James' Delight and Power in Speech.

ENGLISH 14—Second semester. Four hours per week. Two hours credit. A continuation of English 13. A study of the principles of public speaking and of argument, together with their practical uses. The course offers theory, example and constant practice.

Prerequisite: English 13.

Text: Winans' Public Speaking.

English 21-22 (Formerly English B 1 and 2)—Types of Literature. This course offers an opportunity to become acquainted with several important literary types—drama, novel, essay, and poetry. Each type is studied in books drawn from either English or American literature, selections being made from both older and later writers. Attention is centered upon the books themselves rather than upon their authorship or historical connection.

ENGLISH 21—First semester. Three hours per week. Three hours credit. For the first nine weeks attention is given to poetry. A liberal choice is made from Hall's Types of Poetry. Practice in writing is given through occasional critical papers. In the last nine weeks, prose readings include Arnold's Culture and Anarchy, Ruskin's Unto This Last, and Swift's Gulliver's Travels.

ENGLISH 22—Second semester. Three hours per week. Three hours credit. This part of the course is largely devoted to the novel, essay, and drama. The books read and discussed are: Hardy's Tess of the D'Urbervilles (or Mayor of Casterbridge); Fielding's Tom Jones (or Maugham's Of Human Bondage, or Balzac's Old Goriot); Shakespeare's Hamlet; Shakespeare's King Henry IV, Part One (or King Lear, or Richard III); Stevenson's Virginibus Puerisque. Practice in the writing of critical papers is continued.

ENGLISH 24 (Formerly English E)—The Short Story. Second semester. Two hours per week. Two hours credit. A study of the principles and applications of short story writing. The development of the short story is traced from early times to the present day, with emphasis on the modern period. Writing as well as reading is stressed throughout the course. One short story is required as a semester paper.

Text: Pitkin's How to Write Stories; McMinn and Eagleson's College Readings in the Modern Short Story.

#### **GERMAN**

GERMAN 11-12 (Formerly German A 1 and 2)—Elementary German.

GERMAN 11.—First semester. Five hours per week. Five hours credit. The course consists of careful drill upon pronunciation and upon the fundamentals of German grammar; memory work; conversation; dictation and sight reading.

Texts: Evans and Roeseler's College German, Lessons 1 to 7, and Guerber's Maerchen und Erzaelungen, Volume I.

GERMAN 12—Second semester. Five hours per week. Five hours credit. Drill upon pronunciation and upon the fundamentals of German grammar is continued as are conversation, dictation and sight reading, together with memory work and supplementary reading.

Texts: Evans and Roeseler's College German, Lessons 8 to 14; Storm's Immensee; Benedix's Die Hochzeitsreise.

GERMAN 21-22—Intermediate German.

GERMAN 21—First semester. Five hours per week. Five hours credit. This course consists of a thorough review of the fundamentals of German grammar; composition and conversation. Supplementary reading.

Texts: Haertel and Cast's Elements of German Grammar for Review; Hauff's Das kalte Herz; Alexis and Pfeiler's In Deutschland.

GERMAN 22—Second semester. Five hours per week. Five hours credit. A continuation of the work of German 21, stressing reading, composition and conversation. German Club work.

Texts: Whitney and Stroebe's Easy German Composition; Eichendorff's Aus dem Leben eines Taugenichts; Schiller's Wilhelm Tell; Goethe's Hermann und Dorothea.

#### GEOLOGY

Geology 11-12 (Formerly Geology A 1 and 2) — Physical and Historical Geology.

Geology 11—First semester. Three lecture hours and four hours of laboratory per week. Four hours credit. The lectures outline the

principles of general physical geology with special reference to the composition and structure of the earth, and processes by which it has reached its present condition.

The laboratory exercises are designed to illustrate the course, by means of specimens, common rocks and minerals, and topographical maps. Field trips afford practical illustrations of weathering of rocks, arid geology, wind erosion, igneous and stratified rocks, volcanic phenomena, structures, and cavern formations.

Text: Cleland's Geology-Physical and Historical.

Geology 12—Second semester. Three lecture hours and four hours of laboratory per week. Four hours credit. The lectures deal with the evolution of the earth and its inhabitants, with special reference to the history of North America. Geographical distribution and nature of the great rock systems, and movements of land and sea, mountain making, glaciation, etc., are discussed. An introductory account of fossils is given.

The laboratory exercises include the identification of common and index fossils and especially those found and studied on field excursions into Permian, Jurassic, Triassic and Cretaceous areas in New Mexico.

Text: Cleland's Geology—Physical and Historical. Laboratory fee, \$5.00 for both semesters.

#### GOVERNMENT

Government 12—American Government. Second semester. Three hours per week. Three hours credit. A general survey is undertaken of the principles and practice of American government in the nation, the states, and the several local areas. The origin and purpose of the various institutions; their development by law or by usage; and their present day workings, merits, and defects are analyzed. American political institutions are compared and contrasted, where feasible, with analogous institutions in other lands.

Method: Recitation and lecture.

Text: Munro's The Government of the United States (Revised edition).

#### HISTORY

HISTORY 11-12 (Formerly History A 1 and 2)—European History.

HISTORY 11—First semester. Three hours per week. Three hours credit. A study of the foundation of modern Europe and its civilization from 1500 to 1815. The Commercial Revolution; The New Nationalism; the Protestant Revolt and the Catholic Reformation; The Development of Culture; the Growth of Absolutism upon the Continent

and of Parliamentary Government in Great Britain; The Rise of Prussia and of Russia; the French Revolution and the Era of Napoleon are among the topics treated. Recitations, collateral reading, and lectures. The text is Hayes' A Political and Social History of Modern Europe, Volume I.

HISTORY 12—Second semester. Three hours per week. Three hours credit. A study of Europe in the ninetenth century and the first quarter of the twentieth century, in which emphasis is laid upon the shifting of national power, the conflicts of economic and political forces, and those social and intellectual revolutions which have moulded the present day. The specific topics emphasized are: Europe at the End of the Eighteenth Century; The Struggle for Nationalism and Democracy; Political and Social Reform; Scientific, Social, and Economic Movements; The Expansion of Europe; The World War and after. Recitations, collateral reading, and lectures.

Text: Schapiro's Modern and Contemporary European History.

HISTORY 21-22 (Formerly History B I and 2)—United States History.

HISTORY 21—First semester. Three hours per week. Three hours credit. The political development of the United States to 1828 is the central theme. The operation of the deep-seated social and economic forces which give it much of its significance are, however, adequately emphasized. Moreover, the events are viewed, not in isolation, but in their proper setting in the larger whole of world history. An accurate, impartial and clearly-stated presentation of the findings of scholars is the controlling aim.

Method: Recitations; collateral readings; reports; lectures.

Text: Hockett and Schlesinger's Political and Social History of the United States, Volume I.

HISTORY 22—Second semester. Three hours per week. Three hours credit. The story is continued to the present. While the major emphasis is placed, as before, on political development, political forces are recognized as being responsive to changing social conditions. Constant stress is placed on the great dynamic currents which have shaped the nation's life. Thus, the growth of nationality, the struggle for greater democracy, the changes in the methods of production and distribution, the striving for social betterment, and the expansion of the national boundaries are traced. Again, American History is surveyed in its essential relation to the world stream of development with accuracy and impartiality as ideals. A term paper requirement, with special instruction in bibliography and foot-note technique, is a part of the total course.

Text: Hockett and Schlesinger's Political and Social History of the United States, Volume II.

#### MATHEMATICS

MATHEMATICS 11—Advanced Algebra. First semester. Three hours per week. Three hours credit. This course consists in a rapid, but nevertheless thorough, course in second year Algebra as usually given in the high school.

Text: Hawkes-Luby-Touton's New Second Course in Algebra,

enlarged edition.

MATHEMATICS 12—Solid Geometry. Second semester. Three hours per week. Three hours credit. This course in Solid Geometry covers all of the topics ordinarily given in Euclidean Geometry of three dimensions.

Text: Ford and Ammerman's Solid Geometry.

MATHEMATICS 11 and MATHEMATICS 12 were formerly grouped as Freshman Mathematics A 1 and 2.

MATHEMATICS 13 or 14—Plane Trigonometry. Either semester. Three hours per week. Three hours credit. This course consists of a study of trigonometric functions; measurements of angles; solution of triangles both by natural and logarithmic functions; trigonometric identities and equations; inverse trigonometric functions; applications of trigonometry to various problems.

Prerequisites: Plane Geometry and one and one-half years of

Algebra.

Text: Smith-Reeve-Morse's Essentials of Trigonometry.

Mathematics 15 or 16—College Algebra. Either semester. Three hours per week. Three hours credit. A review of equations; plotting of curves from equations; a comprehensive treatment of complex numbers; theory of equations including Horner's Method of approximation; determinants; and, as time permits, brief treatments of probability, partial fractions, and continued fractions.

Prerequisite: Trigonometry.

Text: Hawkes' Advanced Algebra, revised edition.

MATHEMATICS 17 or 18—Plane Analytic Geometry. Either semester. Three hours per week. Three hours credit. A systematic study of the straight line, circle, parabola, ellipse, hyperbola and some of the well-known transcendental curves; polar coordinates, including the rapid plotting of polar curves; transformation of coordinates; parametric equations and loci.

Prerequisites: Trigonometry and preferably College Algebra. Text: Smith-Gale-Neeley's New Analytic Geometry, revised

edition.

MATHEMATICS 21-22 — Calculus. Three hours per week, each semester. Six hours credit for year. Differential Calculus. The ordinary rules for differentiation with application to curve plotting,

maxima and minima and rates; successive differentiation; differentials; change of variable; curvature; partial and total derivatives.

Integral Calculus. The fundamental forms of integration; a treatment of definite integrals, with applications to problems in lengths of plane curves, areas of surfaces of revolution and volumes of solids of revolution. The course also includes a short treatment of Differential Equations.

Prerequisites: Trigonometry, College Algebra, and preferably Analytic Geometry with which it may, however, be taken simultaneously.

Text: Granville - Smith - Longley's Differential and Integral Calculus.

#### PHYSICS

Physics 11-12 (Formerly Physics A 1 and 2)—Introductory College Physics.

Physics 11—First semester. Three lecture hours and three hours of laboratory per week. Four hours credit. A course in mechanics, molecular physics and heat for college students who have had no high school physics. Lectures, recitations, class demonstrations and laboratory work. Students perform fifteen experiments in the laboratory.

Text: Millikan-Gale-Edward's Physics for Colleges.

Physics 12—Second semester. Three lecture hours and three hours of laboratory per week. Four hours credit. A continuation of Physics 11. A course in electricity, sound and light. Lectures, recitations, class demonstrations and laboratory work. Students perform fifteen experiments in the laboratory.

Prerequisites: Physics 11.

Text: Millikan-Gale-Edwards' Physics for Colleges.

Laboratory fee, \$10.00 for both semesters. Each student is charged in addition for all apparatus broken.

Physics 13-14 (Formerly Physics B 1 and 2) — General College Physics.

Physics 13—First semester. Three lecture hours and three hours of laboratory per week. Four hours credit. This is the first of two half-year courses which together constitute a college course in theoretical and experimental physics, for students who have already completed a year of high school physics. Mechanics, molecular physics and heat are given in the first semester. Students perform fifteen experiments in the laboratory.

Prerequisites: High school Physics and Trigonometry.

Text: Taylor-Watson-Howe's General Physics for the Laboratory. References to, and problems from Millikan-Gale-Edward's Physics for Colleges.

Physics 14—Second semester. Three lecture hours and three hours of laboratory per week. Four hours credit. Electricity, sound and light are given in the second semester. Students perform fifteen experiments in the laboratory.

Prerequisites: High school Physics and Trigonometry.

Text: Taylor-Watson-Howe's General Physics for the Laboratory. References to, and problems from Millikan-Gale-Edward's Physics for Colleges.

Laboratory fee, \$10.00 for both semesters. Each student is charged in addition for all apparatus broken.

Physics 21 (Formerly Physics C)—Electricity and Magnetism. First semester. Two hours of classroom and three hours of laboratory work. Three hours credit. Advanced work in topics introduced in Physics 12 or 14.

Prerequisites: Physics 12 or 14. Laboratory fee, \$5.00.

Physics 22 (Formerly Physics D)—Meteorology. (Physics of the Air.) Second semester. Three hours per week. Three hours credit. Nature and causes of winds and wind storms, clouds and cloud formations, lightning, hygrometry, temperature, factors that affect air navigation, and related topics. This course prepares students for government examination admitting to the work of the Weather Bureau.

Prerequisite: Physics 11 or 13.

Texts: Piston's Meteorology and Maguire's Aerology.

#### **PSYCHOLOGY**

Psychology. First semester. Three hours per week. Three hours credit. The student is first provided with a stock of methods and general conceptions to serve as tools in psychological study. The part played by the nervous system receives special treatment. He is then guided through a survey of those reactions provided by the native constitution, such as instinct, emotion, sensation, the feelings, attention, and intelligence. The process of learning, or acquiring reactions, both in the human and animal world is considered at some length under such divisions as learning and habit formation; memory; association and mental imagery; the laws of association; perception. Finally, some time is given to such topics as imagination, reasoning, and the will; ways in which the individual utilizes his whole equipment, native and acquired, in meeting the problems of life.

Method: Recitations, reports, experiments and lectures.

Texts: Gates' Elementary Psychology; Scheidemann's Experiments in General Psychology.

Psychology 12 (Formerly Psychology A 2)—Applications of Psychology. Second semester. Three hours per week. Three hours credit. This course is designed to show how the principles taught in the general psychology during the first semester operate in the various professional and industrial fields. A preliminary study is made of the nature and causes of individual differences. Finally, specific application of the principles of psychology is made in representative fields, such as medicine, law, business, politics, and education.

Method: Recitations, reports, and lectures. Text: Moss' Applications of Psychology.

#### ROMANCE LANGUAGES

#### FRENCH

FRENCH 11-12 (Formerly French A 1 and 2)—Elementary French. The aim of the course is to present the minimum essentials for a reading knowledge of French.

FRENCH 11—First semester. Five hours per week. Five hours credit. Thorough training in phonetic pronunciation; the essentials of French grammar, composition, dictation and conversation.

Texts: Young's French Grammar, chapters I-XVI; French Verb and Idiom Achievement tests by Mitchell and Puffer; Smith and Greenleaf's French Reader, pages 1-97 in class, and pages 99-116 as outside reading.

FRENCH 12—Second semester. Five hours per week. Five hours credit. A continuation of the work of the first semester; drill on regular and irregular verbs; composition and conversation; selections memorized.

Texts: Young's French Grammar, chapters XVII-XXII; Smith and Greenleaf's French Reader, pages 117-179 as outside reading; French Verb and Idiom Achievement Tests by Mitchell and Puffer, about thirty irregular verbs completed; Labiche and Martin's Le Poudre aux Yeux, for class reading; About's Le Roi des Montagnes, for class reading; La Vie, a classroom paper in French, is read.

FRENCH 21-22 (Formerly French B 1 and 2)—Intermediate French. The aim of the course is to give a reading knowledge of French.

FRENCH 21—First semester. Five hours per week. Five hours credit. A course designed to give a thorough review of grammar with prose composition and conversation. Special stress is laid upon acquiring a vocabulary and the ability to read French. Three hundred pages of collateral reading with written reports are required.

Prerequisites: French 11-12, or French I and II.

Texts: Brown's Every-Day French, chapters I-VI; Mitchell and Puffer's French Verb and Idiom Achievement tests; Labiche and Martin's Moi; Hugo's Notre Dame de Paris; Hills and Holbrook's French Short Stories.

FRENCH 22—Second semester. Five hours per week. Five hours credit. The second semester's work continues that of the first, stressing grammar review, tranlation, prose composition and conversation. Three hundred fifty pages of collateral reading with reports are assigned. Themes are required every two weeks.

Prerequisite: French 21.

Texts: Brown's Every-Day French, chapters VII-XXX; Mitchell and Puffer's French Verb and Idiom Achievement Tests; Feuillet's Le Roman d'un Jeune Homme Pauvre; Moliere's Le Bourgeois Gentilhomme; Hugo's Hernani; La Vie.

#### **SPANISH**

Spanish 11-12 (Formerly Spanish A 1 and 2)—Elementary Spanish.

The general aim of the course is to give a solid grammatical foundation for further study of Spanish. It is open to students who have had no high school Spanish.

SPANISH 11—First semester. Five hours per week. Five hours credit. This course is based upon Hills and Ford's Spanish Grammar for Colleges. There is supplementary work in conversation, dictation and sight reading. A careful study is made of the most frequently used verb forms. Roessler y Remy's First Spanish Reader is used.

SPANISH 12—Second semester. Five hours per week. Five hours credit. The study of grammatical principles is continued with Hills and Ford's Spanish Grammar for Colleges as text. There is also supplementary work in conversation, dictation and composition.

Books read: Phipps' Paginas Sudamericanas and Alarcon's El

Final de Norma.

Spanish 21-22 (Formerly Spanish B 1 and 2)-Intermediate Spanish.

Spanish 21—First semester. Five hours per week. Five hours credit. The work of the first semester includes a thorough review of grammatical principles and verbs; and conversation and sight reading.

Prerequisite: Two years of high school Spanish or Spanish 11-12.

Books read: Gorostiza's Contigo Pan y Cebolla; Palacio Valdez' La Hermana San Sulpicio; Wast's La Caca de los Cuervos.

Spanish 22—Second semester. Five hours per week. Five hours credit. This semester's work includes a continuation of the study of verbs and grammatical principles.

Books read: Tamayo y Baus' Lo Positivo; Jose Marmol's Amalia; Alarcon's El Sombrero de Tres Picos.

SPANISH 23-24 (Formerly Spanish C 1 and 2)—Conversational Spanish.

Three hours per week throughout the year. Six hours credit. A practical conversational course planned principally to meet the needs of students who want to speak rather than to read or write Spanish. The topical method is used. La Prensa is read.

Prerequisites: Two years of high school Spanish or Spanish 11-12.

#### SOCIOLOGY

Sociology 12 (Formerly Sociology A 1)—Introduction to Sociology. Second semester. Three hours per week. Three hours credit. A course designed to show the relations of men with each other and to guide students to a more definite consciousness of these relations and of the mutual obligations involved in them. Included is a study of the origin, development, structure and functions of the human family and of such problems as poverty, crime, and education, with which human institutions must cope.

Text: Beach's Introduction to Sociology and Social Problems.

#### SURVEYING

Surveying 12 (Formerly Surveying A 1)—Elementary Surveying Second semester. Two double periods in the field and one classroom recitation per week. Three hours credit. This course is intended to familiarize the student with the use of the surveying instruments, to teach him the best methods of doing field work and of keeping an accurate record. Problems in the use of the chain, compass, level, transit and plane table are assigned and examples worked out in the field. The determination of azimuth from observation on Polaris, simple curves as used in ordinary railway and highway work, and the computation of earthwork are also taken up. Class and field work.

Prerequisites: Trigonometry and Mechanical Drawing.

Text: Breed and Hosmer's Surveying, Volume I.

Fee, \$10.00.

# Department of Military Instruction

#### Instructors

- E. A. Keyes, Lieutenant Colonel Cavalry, D. O. L., Professor of Military Science and Tactics.
- H. P. SAUNDERS, Major, 111th Cavalry, New Mexico National Guard, Commandant of Cadets.
- Beverly H. Coiner, Major, Cavalry, D. O. L.,

  Assistant Professor of Military Science and Tactics.
- JOHN E. MAHER, Captain, Cavalry, D. O. L.,

  Assistant Professor of Military Science and Tactics.
- JOHN H. COLLIER, First Lieutenant, Cavalry, D. O. L., Assistant Professor of Military Science and Tactics.
- Frank J. Thompson, First Lieutenant, Cavalry, D. O. L., Assistant Professor of Military Science and Tactics.
- JOHN FLETCHER, Captain, New Mexico Military Institute, Bandmaster.
- L. B. LEONARD, Sergeant, U. S. A., ret., Supply Officer.
- James Duthie, Master Sergeant, U. S. A., Instructor.
- Joseph E. Cassidy, Staff Sergeant, U. S. A. Instructor.
- WILLIAM L. ROBINSON, Sergeant, U. S. A., Instructor.

## Military System

The military department of the Institute has been brought to a high state of excellence, and its good results are shown in the manly bearing and gratifying appearance of the cadets. All cadets, without exception, receive military instruction throughout their entire course. All eligible students are enrolled as members of the Reserve Officers' Training Corps. The military system of organization and training is based upon that of the Regular Army, as prescribed by the War Department. With certain necessary modifications, the daily routine and standards of conduct and bearing follow those of the United States Military Academy at West Point.

# Discipline

The discipline of military life is a valuable thing in itself. Not only does it inculcate habits of obedience, punctuality, and respect for all lawful authority, but the exercise and drill prove themselves an aid to successful study by making the body strong, and the mind eager and alert to acquire knowledge.

The Commandant of Cadets is charged with and is responsible for the discipline. In matters of garrison discipline, he is assisted by the officers of the Institute and by the officers of the day. All cadet officers serve in turn as officers of the day.

Discipline is maintained both by instruction and example and through a system of rewards and punishments. Rewards are made through promotions, the granting of privileges and the awarding of medals or trophies. Punishment is assigned in the form of demerits, tours, demotions, withdrawal of privileges, or dismissal.

#### Neatness

Neatness of person and quarters is attained by frequent and strict inspections. The personal appearance of cadets is inspected at morning breakfat call, at drill formation, and by an army officer at regimental inspection. Clothes must be brushed and free from spots, linen clean, shoes polished, and in every way cadets must present a neat and soldierly appearance. Quarters are also inspected daily by an officer of the Institute; every Sunday and Monday a rigid inspection is made by the Commandant.

## Organization

For purposes of discipline and military instruction, the corps of cadets is organized into a provisional regiment of cavalry, officered by cadets. The regiment consists of a Regimental Headquarters, Headquarters Troop, and three squadrons of three troops each. The Headquarters Troop contains the Band, and the Drum and Bugle Corps. In addition to their regular military instruction, members of the Headquarters Troop receives special instruction for the Band or the Bugle Corps.

#### Cadet Band

The cadet band and the drum and bugle corps are excellent organizations and furnish a great deal of pleasure to the cadets. An experienced bandmaster instructs the members of the band in music. A competent teacher is in charge of the Drum and Bugle Corps. Cadets furnish their own instruments, but there is no charge for the instruction given. These organizations furnish music for parades, reveille, marching to mess and all other appropriate occasions.

# The Honor System

The government of a well-established military school increases in efficiency and becomes more productive of good when it is supplemented and reinforced by the maintenance of honorable traditions. In the course of time these become unwritten law, representing, better than any formal regulations, the true spirit of the school, and commanding the ready and unquestioned support and obedience of every cadet. The honor code of the Institute is administered by an honor court of older cadets, appointed by the Superintendent. The Commandant of Cadets is also a member of this board. In all official matters, a cadet's word of honor is accepted, unless it should be deemed necessary to refer the case to the honor court. Among other offenses, the cadet code prohibits lying, cheating, and the physical hazing of new cadets. Old cadets assist in the maintenance and enforcement of this code, to which every student in the school must conform.

# Appointment to West Point

There are a certain number of vacancies at the United States Military Academy at West Point, New York to be filled by recommended graduates of "Honor Military Schools." When the Institute receives such classification by the War Department, as it has continuously since 1909, it is permitted to select three honor graduates during the following year.

Whenever vacancies occur at West Point that are open to honor graduates of "Honor Military Schools" the Adjutant General of the Army distributes the vacancies in turn to the various schools and notifies them accordingly. When it is the turn of the Institute to receive one of these appointments, one of its honor graduates is permitted to enter the United States Military Academy at West Point, with no other examination than the physical. The other two honor graduates are listed as first and second alternates and may receive the appointment in case the principal for any reason is unable to qualify or accept.

#### Honor Graduates

The term "honor graduate" is understood to apply to one "who has been graded in the upper ten per cent of his class," and whose attainments in scholarship have been so marked as to receive the approbation of the Superintendent. Also, the graduate's proficiency in military training and intelligent attention to duty must have merited the approbation of the Professor of Military Science and Tactics.

The honor graduate must be a citizen of the United States, between the ages of seventeen and twenty-two years, of exemplary habits and of good moral character. Under a recent ruling of the War Department, the honor graduate from the Institute may be selected from the graduates of either the Junior College or the High School.

# Reserve Officers' Training Corps

The Reserve Officers' Training Corps is organized under authority of Sections 40-47c, National Defense Act, approved June 3, 1916, as amended. Its primary object is to train selected students in educational institutions so that they may qualify for appointment as reserve officers in the military forces of the United States. The R. O. T. C. is therefore an important agency in the plan for national defense.

#### Cavalry

Under War Department regulations, the Institute maintains a senior Cavalry unit of the Reserve Officers' Training Corps. The purpose of the training is to prepare the student for the duties of a troop officer of Cavalry.

# Equipment

The War Department provides one hundred horses and furnishes the necessary rifles and other arms and equipment for carrying on the training. In addition to stables and all necessary installations, the Institute maintains an excellent target range for all arms, an indoor gallery rifle range, an armory, and an outdoor riding hall.

# **Eligibility**

All students over fourteen, who are citizens of the United States, of good character and physically fit, are eligible for admission to the Reserve Officers Training Corps. Only such students will be accepted as are "physically fit to perform military duty, or will be so upon arrival at military age."

#### R. O. T. C. Courses

The work of the Reserve Officers' Training Corps is divided into two courses of two years each: the Basic and the Advanced. When a course has been entered upon, the student must complete it or carry it for the duration of his attendance, unless permission is given for withdrawal.

When a student has completed the Basic course, he may enter the Advanced Course, provided he has the recommendation of the Professor of Military Science and Tactics and the approval of the Superintendent. The work of the Advanced Course includes one summer camp, and diplomas will be withheld from those students who have not fulfilled the summer camp requirement.

# Description of R. O. T. C. Courses

#### BASIC COURSE

First Year

Cavalry drill, equitation, military courtesy and discipline, military hygiene and first aid, rifle marksmanship, scouting and patrolling, The National Defense Act and the R. O. T. C.

Second Year

Cavalry drill, equitation, musketry, automatic rifle, pistol, saber, employment of Cavalry.

#### ADVANCED COURSE

First Year

Cavalry drill, equitation, map reading, military sketching, pistol marksmanship, machine gun, selection and care of animals, employment of Cavalry.

Summer Camp-At Fort Bliss, Texas.

Second Year

Cavalry drill, equitation, military law, military history and policy, field engineering, administration, employment of Cavalry.

In all courses two hours per week are devoted to theoretical instruction in classroom and six hours per week to practical training out-of-doors.

#### Compensation

The War Department furnishes cadets in the Reserve Officers' Training Corps with commutation of uniforms. These amounts are placed to the cadet's personal account and are used toward defraying the cost of his unforms.

Each R. O. T. C. student in the Basic Course receives \$10 per year for two years as commutation of uniforms.

Students in the Advanced Course of the R. O. T. C. receive \$40 for uniforms for the two years; \$30 is paid the first year and \$10 the second year.

The War Department pays each cadet in the Advanced Course thirty cents a day for commutation of rations. This money is paid quarterly in September, January, April, and at the close of school; it amounts to about \$27.00 a quarter. Although this amount is payable directly to the cadet, it has been found that for many reasons it is better to authorize the Institute authorities to collect this money from the cadet and to place it to his credit for such disposition as his parents desire.

Students in the Advanced Course who accept compensation must fulfill the R. O. T. C. summer camp requirement. Otherwise, the Institute diploma will be withheld until this requirement has been met.

## R. O. T. C. Camp (Not the Carrizo Camp)

Attendance at one summer camp is a part of the Advanced Course. It is usually taken between the first and second year of the course. The camp is held at an Army post, designated by the War Department. The camp opens within a few days after the close of school and lasts for six weeks. The War Department defrays all the student's expenses while at camp, furnishes his uniforms and pays him at the rate of \$21.00 per month. It also pays his traveling expenses at the rate of five cents a mile.

# Commissions in the Officers' Reserve Corps

Upon graduation from the Institute, those cadets who are 21 years of age, who have completed the R. O. T. C. course, and who have been recommended, receive Reserve Commissions as Second Lieutenants of Cavalry in the Officers' Reserve Corps. Those under twenty-one years of age receive Certificates of Eligibility. Upon attaining their majority, holders of Certificates should apply to The Adjutant General of the Army, Washington, D. C., for commissions.

Officers in the Reserve Corps are assigned to inactive units of the Army of the United States. In case of war, they assume their duties as officers without the necessity of preliminary training.

# **Honor Military Schools**

Each year the War Department inspects and rates the "essentially military schools" that maintain Reserve Officers' Training Corps units. The schools receiving the highest rating are designated as "Honor Military Schools." The following are the principal factors considered:

Adequacy of facilities for indoor and outdoor instruction and care of government property and animals.

Cooperation of the faculty and the departments.

Efficiency of theoretical military instruction.

Efficiency of practical military instruction.

Appearance and discipline of cadets and demonstrated qualities of leadership by cadet officers and non-commissioned officers.

New Mexico Military Institute has been rated as an "honor military school" each year since 1909.

# New Mexico Military Institute

# DISTINGUISHED INSTITUTION TELEGRAM

Washington, D. C., June 9, 1909.

THE GOVERNOR OF NEW MEXICO.
Santa Fe, New Mexico.

By soldierly spirit, zeal and esprit de corps on the part of Faculty and Cadets, the New Mexico Military Institute has won the distinction of being classed as a "Distinguished Institution" this year.

I extend sincere congratulations to you, which please transmit to the officials of the Institute.

J. Franklin Bell., Maj. General, Chief of Staff, U. S. Army.

Since the date indicated in the telegram given above, the Institute has annually received the highest honors awarded by the United States Government to a school of its class.

# Commissions in the National Guard of New Mexico

In accordance with the provisions of a bill passed by the Legislature of the State of New Mexico, the two Institute graduates who receive first and second honors in their class are entitled to commissions as second lieutenants in the National Guard of New Mexico. These two honor men must be residents of the state.

# Regimental Organization 1931-1932

# Regimental Staff

	O		
Executive Officer & Adjutant Staff Officer Sergeant Major Color Sergeant		Colonel D. H. Cahoon Lt. Colonel J. L. Kaster 2nd Lieutenant R. H. Pentz, Jr. Master Sergeant R. Harris Staff Sergeant F. M. Boulware Staff Sergeant D. L. Hunter, Jr.	
	First S	quadron	
Adjutant		Maj 2nd Lieutenan Staff Sergeant	t A. F. Fleming
TROOP ".	A"	TROOP "B	,,
Captain C. H. He Ist Lieutenant C. 2nd Lieutenant W 1st Sergeant A. N	A. Reinemund  7. E. Huguelet	Captain C. B. Lusl 1st Lieutenant M. 2nd Lieutenant T. 1st Sergeant L. Cat	L. Morris C. Tillotson
Sergeants	Corporals	Sergeants	Corporals
Hers. L. Jones T. H. Swan J. W. Hopkins, Jr	R. W. Hanks	O. P. Dorman W. D. Myers, Jr.	H. H. Fink

#### TROOP "C"

Captain B. B. Wilder, Jr. 2nd Lieutenant M. Kelly 2nd Lieutenant T. W. Cochran 1st Sergeant C. D. Fuller

Sergeants	Corporals
H. E. Barr	I. G. Abney, Jr.
R. C. Sexton	R. L. Tallichet
W. B. McCarthy	T. W. Thompson
	L. de Palacio, Jr.
	F. N. Littlejohn
	T. W. Trammell
	W. J. Kennedy
	O. K. Hearte, Jr.

# Regimental Organization

(Continued)

#### 1931-1932

# Second Squadron

Adjutant	Officer	2nd Lieutenar	ıt J. L. Smith, Jr.
TROOP	· "E"	TROOP "I	Ę",
Captain G. S. Downer, Jr. 1st Lieutenant W. R. Wilson, Jr. 2nd Lieutenant R. A. Glasier 1st Sergeant J. Sweatt		Captain R. K. Dillon 1st Lieutenant D. L. Duke 2nd Lieutenant G. A. Cox 1st Sergeant K. L. Morris	
Sergeants	Corporals	Sergeants	Corporals
G. O. Speer R. B. Lane M. M. Merritt	A. H. Halff J. L. McShaffry, Jr. C. R. Baird, Jr. E. B. Street C. D. Jeffries, Jr.	P. C. Butler, Jr. W. G. Creamer J. H. Patterson	J. W. Nicholas J. S. Russell F. R. Seelig J. L. Augustine J. B. Armstrong M. Corbyn, Jr. B. Zuckerman

#### TROOP "G"

Captain H. S. Bibo 1st Lieutenant F. M. Collins 2nd Lieutenant G. K. Martin 1st Sergeant E. L. Lusk, Ir.

Sergeants	Corporals
R. W. Philleo F. T. Rice J. B. Wrigley	M. B. Street H. D. Emmert, Jr. M. S. Seligman R. M. Stewart F. W. Seelig C. J. Ballinger, Jr. T. C. Doran J. A. Orbison, Jr.

# Regimental Organization

(Continued)

#### 1931-1932

# Third Squadron

Commanding Offi Adjutant	cer	N 2nd Lieutens	Major E. R. Wyles ant W. P. Yallalee
TROOP "I		TROOP "	K"
Captain S. R. McNatt 1st Lieutenant E. David 2nd Lieutenant J. T. Austin 1st Sergeant C. J. Brunton		Captain A. P. Coles, II. 1st Lieutenant J. L. Westerman, II. 2nd Lieutenant W. R. Emery 1st Sergeant A. B. McWhorter	
Sergeants	Corporals	Sergeants	Corporals
C. W. Waring	D. W. Miller	R. H. MacMichael J. M. Welch	W. S. Hawk, Jr.

#### TROOP "L"

Captain D. M. Tourtellot, Jr. 2nd Lieutenant H. M. Harman 2nd Lieutenant G. V. Carmichael 1st Sergeant L. B. Reppert

Sergeants	Corporals
W. E. Thomason T. E. Utley C. L. Stahler	K. W. Bennett J. O. Woodworth J. C. Pierce T. E. Farrow, Jr.

# New Mexico Military Institute Daily Schedule

ROUTINE OF DUTY	Tuesday Wednesday Thursday Friday Saturday	Sunday	Monday
D 111	c 00	m 00	C 00
Reveille	6:20	7:00	6:20
Open Air Exercises	6:27	7:05	6:25
Breakfast Call	7:00	7:25	6:55
Sick Call	7:35	8:00	7:30
Study Call	8:10	,	
Guard Mount			8:10
Regimental Inspection			9:15
Room Inspection		9:00	9:45
Church Call		9:55	
Dinner Call	12:00	12:45	12:00
Study Call	1:00		
Drill Call	3:00		
Athletics Call			
Supper Call		5:30	6:00
Assembly		6:45	6:45
Study Call		·	6:45
Tattoo		8:45	8:45
Call to Quarters		9:15	9:15
Taps	10:00	9:30	10:00

# **School Activities**

"Something for Everyone"

The problem of outdoor exercise is very much simplified for the cadet at New Mexico Military Institute by the excellence of the climate. There are few days when the cadets cannot practice some branch of athletics outdoors. Polo, golf, and tennis, all unusually popular sports, are played almost daily, even during the winter months. It is this natural advantage, together with the system in force, that produces a hardy youth—strong in mind, in body, and in spirit.

The athletic system fostered at the Institute aims to give attention to the individual. It was not originated merely for the sake of creating teams wherein only the best athletes may compete. Although teams are organized which meet with outside schools in all branches of sport, careful attention is given by competent instructors to the development of the individual in the way which seems best suited to his strength, health and aptitude.

#### Football

Football is one of the most popular sports at the Institute. Every fall, four or five teams are organized, each composed of boys of like size and skill. It is through this system that the first team is brought to a much higher state of proficiency than would be the case if attention were devoted solely to developing one team. In the annual schedule of games played every fall, the Institute has made an excellent record in competition with some of the leading colleges of the Southwest.

#### Basketball

The interest manifested in basketball is scarcely less than that shown in football. During the season a large squad is in training, and games are scheduled with the various colleges in this section. No school sport evokes keener interest or affords more enjoyment.

#### Baseball

This sport is exceedingly popular. Organized outdoor practice usually begins in February. When many teams are still practicing in indoor cages, the cadets are well advanced in the baseball season.

# Polo

In this locality, polo is an all-season game, and the Institute's teams have been almost uniformly successful in matches with the best university and Army teams in the Southwest. The polo fields are

located near the central campus. Most of the government horses are suitable for polo and the school maintains about twenty especially trained polo ponies.

Polo instruction is under the direction of Army officers. Squads are organized at the beginning of the school year, and all cadets who wish to participate may join a squad. Several classes are organized, based upon the proficiency of the members, and members are promoted from one class to another as they progress in ability to ride and to play the game. The First Team is made up of the first squad. About sixty men usually turn out for the polo squads.

Beginners start work on the wooden horses to learn the proper use of the mallet. They progress to "dismounted polo," played on foot with a short mallet and soft ball, in order to learn position play and the rules. From then on, the members are given extra riding instruction and begin their first work on the ponies. Teams are organized within the various squads, and games between these teams are frequent.

#### Track

Large squads train each spring for field and track events such as running, jumping, hurdling and weight throwing. Aside from the track meets with neighboring institutions, in which the school teams take part, there is always keen competition between the various classes and troops at the Institute.

#### Tennis

There are nine regulation courts, three of which are concrete. Because of unusually favorable weather conditions, tennis is played the greater part of the year. Elimination contests are held in the spring when the teams are chosen to represent the Institute in matches with other schools.

#### Swimming

All cadets unable to swim are organized into small classes for instruction. The more common strokes are taught to beginners, and drill in the art of life-saving is given. Those able to swim need no coaxing, as is evidenced by the number who gather daily for a plunge. The tiled pool (40 by 80 feet) is unusually large and affords ample room for all. The natatorium is heated and the water in the pool is warmed during the winter.

## Other Sports

Many other sports are enjoyed by the cadets at the Institute. Each has its adherents and, no matter how small their number, each is properly supervised and encouraged. "Something for Everyone

during the recreation hours has long been the established motto. Golf, boxing, wrestling, work on rings and bars, cross-country running, hunting, trap-shooting and fishing are a few of the ways by which every cadet is reached.

#### The Bronco

The school annual is called THE BRONCO. It contains photographs, drawings, and brief sketches depicting cadet life, all of which make an interesting record of the current year. All the work is done by the cadets, assisted by suggestion and criticism from faculty advisers. The Board of Editors is selected from the members of the First Class.

# The Maverick and The Pup Tent

THE MAYERICK is published twice during the school year. It is the medium through which the cadets find literary expression.

THE PUP TENT, published fortnightly, is the school newspaper. It has also a personal and semi-humorous element, which gives it a spice and interest that the bare statement of barracks news could never have.

THE MAYERICK and THE PUP TENT are under the management of cadet boards.

#### Social Activities and Entertainments

The social life of the cadets is not neglected. There are numerous dances under the auspices of the Cotillion Club, supervised by the faculty, which contribute to the pleasure and social training of the cadets.

Two evenings a week in the school auditorium there are talking pictures, for which the school has a contract with two of the leading distributors. A number of plays are presented each year by the cadets under the direction of the department of public speaking. There are occasional lectures and concerts.

#### Societies

Fraternities, secret societies, and similar organizations are discouraged at New Mexico Military Institute. There are several clubs that bring together students with special interests. Among the more prominent are the Officers' Club, the Rifle Club, the "I" Club, and the Radio Club. Members of the faculty participate in and supervise the work of the various school organizations.

# Cadet Expenses

# Required Charges and Estimated Expenses

Remittances should be in the form of exchange and should be made payable to New Mexico Military Institute.

The required deposit of \$25 submitted with the application reserves a place in the school for a boy. This amount is credited to the young man's personal or drawing account and is refunded only in case the application is not approved.

By signing and submitting the formal application, parents obligate themselves to the following payments:

Board, lodging, laundry, heat and light for school year \$450.00
Academic tuition fee200.00
Personal account (approximate; see explanation given below) 325.00
Probable expense for the academic year\$975:00

Legal residents of the State of New Mexico are not required to pay the academic tuition fee of \$200. This reduces the probable cost for the year to \$775.00. This reduction is made because of legislative aid furnished the school by the State of New Mexico.

All engagements with parents or guardians are for the school year, or remainder of the school year. If a boy is dismissed or withdraws from the school during the year, no part of the payment for board and tuition will be refunded, and any unpaid balance will immediately become due and payable. If a balance remains on the personal account after all school bills are paid it will be refunded.

The annual school charge of \$650 (New Mexico cadets, \$450) for board, lodging, laundry and tuition is due and payable at the opening of school in September, but, if desired, payments may be made according to the following schedules.

# Out-of-State Cadets Schedule of Required Payments

Payable September 1, for board, lodging and tuition	
Total deposit required upon entrance	\$600.00
Preliminary deposit sent with the application; placed to personal account	•
Total amount paid in by the opening of school in September _	_\$625.00
Payable January I, for board and tuition  Estimated additional amount necessary for the personal account, which may be paid in monthly installments during the year in response to statements rendered	<u> </u>
Probable total expense for the academic year	\$975.00
New Mexico Cadets	925 00
Schedule of Required Payments	
Payable September 1, for board and lodgingPayable September 1, for personal deposit	
Total deposit required upon entrance	
Total amount paid in by the opening of school in September	_\$475.00
Payable January 1, for board and lodging	<del>200.00</del>   55.6
during the year in response to statements rendered	
Probable total expense for the academic year  The \$325.00 estimated as being sufficient for the per drawing account should cover the cost of uniforms, books, a reamount of spending money, and the fixed annual fees. The deposit required in September is \$200. This, with the \$25 s	sonal or easonable personal

with the application, will be expended in providing a new cadet with the required uniforms, equipment and books, and in paying the fixed annual fees amounting to \$43. As soon as the \$225 deposit has been exhausted, additional money for the personal account must be sent. A statement of the personal account is sent to parents monthly. The school cannot supply cadets with incidental supplies and spending money unless a deposit is maintained for the purpose. If a boy is careful of his equipment and receives an allowance of \$1 or \$1.50 per week, the total amount necessary for the personal expense account during the year need not exceed \$325. Our records show that many cadets spend considerably less.

Following is a partial list of the charges that are made against the personal account:

FIXED ANNUAL FEES	Hospital Fee Athletic Fee Library Fee Matriculation Fee	10.00 5.00	4.00 1.57
,	Entertainment Fee	. 1 <del>0.00</del>	8,00
	(Does not include dances)	manufacture (Spine Partie)	Carlo Ca
1	/ Dress Uniform Olive Drab Cap	\$40.00 4.00	\$81; A
<b>%</b> .	Regulation Wool Shirts (stitched),		
ESTIMATED COST OF	Khaki Breeches, a pair	3.25	
REQUIRED EQUIPMENT	/ Service Leggings Regulation Mackinaw		
	Regulation Soft Shirts, cotton, each Cordovan Puttees, not to exceed	2.50	
	Two Regulation Laundry Bags		
\	Gymnasium trousers	1.75	

Athletic shoes

Fees are charged also for certain courses requiring laboratory supplies and special equipment. The charge for each of these courses is to be found following the description of the course. There is also a graduation fee of five dollars.

The hospital fee of fifteen dollars, included in the fixed annual fees, is for the maintenance of the cadet hospital. This arrangement insures a cadet careful attention by a competent, graduate nurse who lives in the hospital and, under the direction of a surgeon, attends to all cases of ordinary sickness. It also provides for daily attention by the surgeon. The fee covers ordinary medical attention and nursing. When it is necessary to engage a consulting physician, to employ a special nurse, or to remove the patient to an outside hospital, the added expense is charged to the parent.

Laundry in excess of twenty-five pieces a week will be charged for at regular rates. All laundry must be marked by numbers and it is unnecessary to mark clothing before coming to the school.

A charge of twenty-five dollars will be made for those cadets who remain at the school during the Christmas vacation.

Damage to school property, in excess of ordinary usage, will be charged to the perpetrator.

Official transcripts of academic records will not be issued until the financial account has been settled in full.

# Spending Money

It is recommended that spending money be issued from the Adjutant's office and that parents specify the amounts they wish their sons to have weekly. Since all necessary supplies are furnished the cadets from the military store and charged on the personal account, large amounts of spending money are unnecessary and are not recommended.

The following schedule is suggested for the weekly allowance: members of the sixth and fifth classes, \$1 to \$1.50; fourth and third classes, \$1.50 to \$2; second and first classes, \$2 to \$4.

# What to Bring from Home

Articles of clothing such as the dress uniform, mackinaw, wool shirts, etc. must conform to regulation and must be bought at the school.

The articles in the following list should be brought from home, but may be bought in Roswell: 6 sheets for single bed, 3 pillow cases, 1 pillow, 1 pair heavy blankets, 2 comforters or extra blankets, handkerchiefs, underclothing, socks, bath towels, hand towels, bath robe, bedroom slippers, brush and comb, tooth brush, clothes brush, pajamas, shoe brush, and small rug.

New Mexico Military Institute

# Scholarships, Rewards and Prizes

Each year many medals and prizes are awarded to cadets who have distinguished themselves in various lines of endeavor. Certificates of Excellence are conferred upon students who have maintained a high standing for the year in their academic work. Athletic letters are awarded to members of the various teams.

# New Mexico Military Institute Scholarships

At Commencement each year the Institute has awarded four scholarships of the value of two hundred dollars each to be credited on the regular fees for the ensuing year. These awards have been made to one cadet in each of the following classes: Second, Third, Fourth and Fifth, on the basis of excellence in academic work, military proficiency, discipline, and leadership in school activities. Beginning with the academic year of 1929-30, the number of scholarships was increased to five and a member of the Sixth Class was awarded one of the scholarships.

- 1915 J. V. Doss; L. B. Merchant; O. W. Elliott; J. D. Randolph.
- 1916 L. B. Merchant; S. I. Roberts, Jr.; J. H. Walker; E. S. Bullock.
- 1917 R. B. Stauft; J. H. Walker; C. G. Craver, Jr.; R. L. Wilson, Jr.
- 1918 A. C. Kreuger; C. G. Craver, Jr.; Robert S. Romero; G. A. Browne.
- 1919 Willard N. Dickson; Robert S. Romero; John L. Burnside, Jr.; Homer De Lancy.
- 1920 Frank J. Thompson; John L. Burnside, Jr.; Paul G. Horgan; Grady B. Bell.
- 1921 I. Lloyd Hibberd; W. S. Fletcher; G. B. Bell; A. Stancato.
- 1922 G. D. Newcombe; Myron S. Prager; E. J. Ryan; G. S. Johnson.
- 1923 R. B. Blessum; G. S. Anderson; A. J. Murray; T. Evans, Jr.
- 1924 G. S. Anderson; J. E. Henderson, Jr.; E. W. Coleman; G. A. Conwell.
- 1925 J. E. Henderson, Jr.; R. K. Blakely; R. A. McDonald; F. Gilchrist.
- 1926 R. K. Blakely; F. W. Brooks, Jr.; J. S. Brenner; J. R. Neece.
- 1927 J. R. Woodfill; F. W. Brooks, Jr.; D. B. Moses; J. M. Hanson. 1928 F. W. Brooks, Jr.; A. P. Duggan, Jr.; L. Frerk; J. G. Walker.
- 1929 C. J. Jeffus; L. H. Witherspoon; R. P. Holland, Jr.; John A. Sims.
- 1930 E. E. Beisel; E. P. Peterson; R. Harris; W. D. Myers, Jr.; R. H. MacMichael.
- 1931 William Rufus Emery; Allen Foster Fleming; Ewing L. Lusk, Jr.; Albert H. Halff; Richard Meredith Stewart; Hayden Shuey.

# The William McDonald Spencer Scholarship

Mrs. Truman A. Spencer of Carrizozo, New Mexico has established a scholarship in memory of her son, William McDonald Spencer, who was graduated from the High School of New Mexico Military Institute on June 2, 1931. The first award will be made on May 31, 1932.

The William McDonald Spencer scholarship has a cash value of approximately \$200 per year. It is awarded to a graduate of New Mexico Military Institute High School who wishes to transfer to the Junior College. The award is made on the basis of scholarship, military and athletic ability, and promise of future usefulness. The need of financial assitance is also an important consideration in the selection of the cadet to receive this scholarship.

#### The J. Ross Thomas Medals

These prizes are awarded to the three individuals in the cadet corps who have shown, in the most outstanding manner, those qualities of manliness and ability which it is the object of the school to develop. The first prize is a gold medal; the second prize is a silver medal; the third is a bronze medal. These prizes are presented by Lynn S. Atkinson, '14, of Los Angeles, California, in memory of Major J. Ross Thomas.

1923 C. H. Prunty.

T. F. Blair; H. L. Bass; E. H. White. 1924

1925 J. E. Henderson, Jr.; R. K. Blakely; W. B. McLean.

1926 A. F. Kleitz, Jr.; W. M. McCormick; G. R. Brainard, Jr. L. B. Kattache; A. H. Carpenter; E. A. Walker. 1927

1928

L. C. Mounday; D. F. C. Reeves, Jr.; R. P. Holland, Jr. E. P. Peterson; G. S. Downer; C. B. Henderson. 1929

1930 C. J. Jeffus; E. L. Lusk, Jr.; L. C. Shea.

1931 J. S. Culberson; C. B. Lusk; J. A. Sims.

# The Ruppert Award

In order to increase interest in public speaking, Max K. Ruppert, '18, of New York City, awards an annual prize to the member of the public speaking class in the Junior College who shows the most proficiency in the composition and delivery of an original address dealing with some phase of Institute life. The winner is selected through a series of speeches made before the class and before the entire cadet regiment.

- 1919 R. C. Delzell (First honor); J. H. Exom (Second honor).
- J. D. Hart (First honor); C. L. Mayfield (Second honor).
- M. S. Prager (First honor); S. G. Abraham (Second honor). 1921

1922 R. P. Langford. 1923 N. H. Bean.

1928 T. W. Davenport.

1929 F. W. Brooks, Jr.

1930 D. J. Sibley, Jr.

1931 J. S. Culberson.

# The MacMurphy Prize

This medal is presented by Dempster O. MacMurphy, '15, of Chicago. It is awarded solely for sportsmanship, although the term is not restricted to active participation in athletics, or to athletic ability. It implies rather the ability to win without gloating, lose without grumbling, and to be scrupulously fair under all circumstances.

1923	1926	1927
A. J. Murray	J. C. Rolland	P. E. Trujillo
1928	1929	1930
P. C. Orell	G. A. Davisson, Jr.	Poe W. Corn
	1931	
	Arthur Foley	•

# The Watson Cup

Lt. Colonel and Mrs. Henry L. Watson of Carmel, California, will offer a cup for General Excellence in Athletics for the Class of 1932. This cup is to be given in memory of their son, Lee Ewing Watson, who died March 3, 1930, during his third year of attendance at New Mexico Military Institute. The award will be made in May to that member of the Class of 1932 who is most distinguished for general excellence in athletics.

#### Other Prizes

In addition to the academic prizes, a number of awards are made for excellence in athletic and military activities. The most sought-for honors are probably the Jason W. James Rifle Team Medals, ten of which are awarded each year. Cadets who have received medals may earn bars the following year.

Winners of the Captain Jason W. James Rifle Team Medals, 1930-1931

C. H. Howell	J. C. Woodworth	C. W. Stokes	J. A. Sims
C. J. Brunton	J. M. Welch	H. S. Bibo	C. H. Fuller
W. R. Prince	J. L. Kaster	J. P. O'Neill	
H. M. Harmon	A. R. Sewall	D. J. Sibley	

#### Academic Honors: 1930-1931

Third Class

The following cadets attained the highest academic average for the year in their respective classes. They rank in the order listed:

#### JUNIOR COLLEGE

First Class	Second Class
Beisel, E. E.	∫Emery, W. R.
Russell, W. O., Jr.	Emery, W. R. Reinemund, C. A.
Rhea, J. W.	Fleming, A. F.
Herget, R. P.	Lusk, C. B.
Hayter, R.	Boulware, F. N.
	Anderson, B. M.

#### HIGH SCHOOL

Fourth Class

Thurte Cottos	Pourti Ciuss
Sims, J. A.	Emmert, H. D., Jr.
Collar, J. F.	Koether, H. F.
Lusk, E. L., Jr.	Einstein, J. S.
Powell, W. S.	∫Cox, R. L. L.
Shea, L. C.	(Halff, A. H.
Fifth Class	Sixth Class
Stewart, R. M.	Shuey, H.
Tyler, J. C., Jr.	Closson, C. T.
Tyler, J. C., Jr. MacMichael, R. H.	• -
•	Closson, C. T.
MacMichael, R. H.	Closson, C. T. McKay, J. G., Jr.

# Honors in Deportment: 1930-1931

The following cadets received no demerits during the school year, and were awarded Honors in Deportment:

Agee, S. W.	Baird, R. B.	Bennington, F. E.
Austin, J. T.	Barr, F. E.	Bibo, H. S.
Ascarate, F.	Barr, H. E.	Blackmar, R. A.
Baird, C. R.	Beisel, E. E.	Boulware, F. M.

Bowdey, G. W. Braddock, W. F. Burns, G. J. Butler, C. Carmichael, G. V. Collar, J. F. Collins, F. M. Cooper, W. A. Cox, G. A. Cox, R. L. Cox, V. M. Culberson, J. S. Compton, K. O. Dees, B. B. Dillon, R. K. Donohue, R. E. Dorman, O. P. Downey, S. Duke, D. L. Eagle, Z. E. Elkin, W. F. Emery, W. R. Emmert, H. D. Erwin, R. O. Evans, H. F., Jr. Fleming, A. F. Foley, A. Foley, M. Freese, D. S. Friend, B. A. Gaddis, W. S. Gilchrist, J. B., Jr. Goodbar, J. M., II Graham, E. S., Jr. Green, C. C. Green, J. M. Griffin, G. K. Grinstead, E. T. Halff, A. H. Hanks, R. W. Harris, R. Harryman, C. R. Hayter, R. Hemphill, B. G.

Herget, R. P. Hesser, R. N. Huff, J. W. Huguelet, W. E. Jackson, J. R. Johnson, C. E. Jones, Har. L. Jones, Her. L. Jones, M. D. Jones, W. J. Kaster, J. L. Keeland, R. L. Kelly, M. Kennedy, W. J. Kimball, G. G. Lane, R. B. Laney, H. S. Liddell, V. M. Logan, R. B. Long, C. A. Lusk, C. B. Lusk, E. L., Jr. McCarthy, J. W. McCarthy, W. B. McCelvey, J. S. McKinney, S. R., Jr. McShaffry, J. L. Macgregor, R. R. Martin, G. K. Meyer, W. J. Minton, E. G. Morris, K. L. Morris, M. L. Mulvanity, E. D. Myers, W. D., Jr. Nicholas, J. W. Nicholson, R. I. Neiman, H. T. Norman, B. E. Orell, G. S. Patterson, J. H. Philleo, R. W. Pickett, C. P. Pond, R. S.

Powell, W. S. Radford, E. M. Reeble, L. M. Reinemund, C. A. Rhea, J. W. Rice, F. T. Richardson, C. B. Russell, J. S. Russell, W. O. Sams, J. P. Schick, H. D. Seligman, M. Shea, L. C. Sheldon, A. E. Shortley, J. M. Shuey, H. Simon, L. J. Sims, J. A. Sims, R. W. Smith, D. C. Smith, J. L. Smith, T. W. Spencer, W. C. Stacey, J. E. Stauder, C. E., Jr. Stearns, C. W. Stewart, R. M. Stewart, R. P. St. John, R. R. Stucky, J. E. Tarver, J. H. Taylor, H. W. Utley, T. E. Vandewart, R. A., Jr. Van Gundy, J. C. Wampler, O. M. Wetter, C. H. White, E. D. Whitlock, J. R. Wilder, B. B. Wilson, W. R. Wrigley, J. B. Wyles, E. R. Yallalee, W. P.

# Graduates of the High School, 1930-1931

Henry Ernest Barr James Richard Bennetts Jack Berg Alfred Neil Brown Carville Joseph Brunton Willis Hunter Castle Lewis Caton, Jr. Jacob Frank Collar William George Creamer John M. Davis James Wiley Dawson Robert Emmett Donohue Sheridan Downey, Jr. Dexter Lee Duke Ward Munson Edinger Charles William Ellsaesser, Jr. Robert Owen Erwin Herbert Evans Donald Schroeder Freese Charles Dudley Fuller John Kastrup Funk Edward Tileston Grinstead Corwin Elliott Groom Jerome Hanson Warren Morehead Hargrave Rutherford Harris George Watt Harrison James Arthur Henderson John William Hopkins, Jr. Walter Howard Hyatt Bruce H. Johnson Malcolm Storer Johnson Robert McClendon Kistler David Dudley Lancaster Robert Burgoyne Lane Simeon Levinson Lunsford Philip Livingston Ewing Lafetra Lusk, Jr. Chalmers Robert McConnell John Ford McCrady Austin Byron McWhorter

Rob Roy Macgregor James Richard Marmion Harris Masterson, III Mortimer Mero Merritt August Gus Meyer Donald Willard Miller Kenneth Lee Morris Robert Imes Nicholson John Calhoun Norris Bradley Dickinson Osgood Robert Hutchinson Pentz, Jr. Robert Wallace Philleo Robert Scott Pond William Stull Powell Lawrence Berkly Reppert Myron Morris Ruby Jean Paul Sams Leonard Copeland Shea Alvah Elijah Sheldon Charles Winfield Sherburn Louis Joseph Simon John Arthur Sims Don Carlos Smith George Owen Speer William Calhoun McDonald Spencer Joe Edward Stacy Charles Lee Stahler Clay Wheeler Stephenson, Jr. Richard Ransome St. John Thomas Howard Swan John William Sweatt Charles Lawrence Towles LeRoy Churchill Towles John Charles Townes Earl Monroe Trammell, Jr. George Woods Underwood William Fay Vanderpool Charles Wilder Waring David Burbank Whittington Jack Wilkinson William Pryce Yallalee

For the list of graduates of the Junior College for 1930-1931, consult the Roster of Graduates.

# Register of Cadets 1931-1932

# FIRST CLASS (Second Year College)

Abney, I. G., Jr	Shreveport, Louisiana
Agee, S. W., Ir.	Silver City, New Mexico
Allison, D. M.	Capitan, New Mexicor
Anderson, B. M	Rochester, Minnesota
Anderson, C. D.	Salt Lake City, Utah
Austin. J. T.	Lordsburg, New Mexico
	Brunswick, Missouri
Bibo, H. S	Silver City, New Mexico
Boulware, F. M.	San Angelo, Texas
Butler, P. C., Jr.	Shreveport, Louisiana
Cahoon, D. H.	Roswell, New Mexico
Carmichael, G. V.	Sayre, Oklahoma
Cochran, T. W.	Belton, Texas
Coles, A. P., II	El Paso, Texas
Collins, F. M.	Channing, Texas
Cornell, H. M., Jr.	Channing, Texas Dulce, New Mexico
Cox, G. A	Santa Rosa, New Mexico
Cox, V. M	Portales, New Mexico
David, E. S	Roy, New Mexico
_Davis, J. M	Miami, Arizona
Davis, S. R., Jr	Throckmorton, Texas
Dillon, R. K.	Albuquerque, New Mexico
Downer, G. S., Jr	Albuquerque, New Mexico
Duke, D. L	Houston, Texas
Emery, W. R.	Seneca, Kansas
Fleming, A. F.	Las Cruces, New Mexico
Glasier, R. A.	Carlsbad, New Mexico
Graves, R. C.	Elkins, New Mexico
	Sonora, California
Harman, H. M.	Gallup, New Mexico
Holzinger, G. F.	Limon, Colorado
Howell, C. H., Jr.	Albuquerque, New Mexico
Huguelet, W. L.	Chicago, Illinois
	San Angelo, Texas
Kaster, J. L.	El Paso, Texas
Kelly, M. W.	Chama, New Mexico San Francisco, California
Kennedy, P. J.	San Francisco, California
Kimball, G. G.	Swastika, New Mexico
	Ft. Worth, Texas
	Bartlesville, Oklahoma
Lemon, M. K.	

# FIRST CLASS-CONTINUED

T 2 J 10 NI	011 1 0 110
Lind, E. IV.	Oakland, California
Longworth, H. Mc.	Parker, Colorado
M.C. I W D	Roswell, New Mexico
McCartny, W. B.	Gillette, Wyoming
McCommis, J. W.	Alamogordo, New Mexico
McNatt, S. R.	Mescalero, New Mexico
Martin, G. K.	Cameron, New Mexico
Merrill, D. S.	Bronxville, New York
Miller, D. W	Denver, Colorado
Morris, M. L.	Espanola, New Mexico
Moulton, D. C.	Lansing, Michigan
Nash, W. L.	Hayden, Arizona
Nicholas, J. W.	Roswell, New Mexico
Norman, B. E.	Los Gatos, California
Uglesby, B. W.	Mertzon, Texas
Pentz, R. H., Jr.	Houston, Texas
Prince, W. R.	Santa Fe, New Mexico
Rememund, C. A.	El Paso, Texas
Richardson, G. S	Carlsbad, New Mexico
Sanchez, M. M.	Albuquerque, New Mexico
Saunders, D. O., Jr	Clarkdale, Arizona
Seligman, M. S.	Bernalillo, New Mexico
Seligman, R. V.	Bernalillo, New Mexico
Sexton, R. C.	Las Cruces, New Mexico
Smith, J. L., Jr.	Baxter Springs, Kansas
Stacv. J. E	Springer New Mexico
Stearns, C. F., Jr.	South Pasadena, California
Stevens, J. W.	Midland Texas
Street, E. B.	Graham Teyas
Street, M. B.	Graham, Texas Graham, Texas
Tillotson, T. C.	Roswell, New Mexico
Tourtellot, D. M.	Houston, Texas
Utley, T. É	Dawson, New Mexico
Westermann, J. L., Ir.	Bledsoe, Texas
White, E. D.	Portales, New Mexico
Wilder, B. B., Ir.	Oakland, California
Wilson, W. R., Ir.	Roswell, New Mexico
Wyles, E. B.	Chicago, Illinois
Yallalee, W. P.	Baldwin Park, California
40	Daidwin I ark, Camorma
0	SECOND CLASS
(	(First Year College)
	Boone, Iowa
Ball, E. B.	Holdenville, Oklahoma
Barr, H. F.	San Antonio, Texas
Becker, R. H	San Francisco Calif
	San Francisco, California

#### SECOND CLASS—CONTINUED

Blair, C. C.	Joplin, Missouri
Boise, D. R.	Hurley, New Mexico
Bondurant, W. E., Jr.	Roswell, New Mexico
Breidenthal, G. G.	Kansas City, Kansas
Brennan, I. C., Jr.	Kansas City, Kansas Lufaula, Oklahoma
_Brown, A. N	Alpine, Texas
Brunton, C. J.	Los Angeles, California
Budd, E. C., Jr.	Salida, Colorado
Burch, H. D.	Artesia. New Mexico
Burns, D., Jr.	Tulsa, Oklahoma
Busch, L. A.	Champaign, Illinois
Caldwell, J. A., Jr.	McKinney, Texas
Callaway, R. E.	Smithville, Texas
Caton, L., Jr.	Muskogee, Oklahoma
Conner. T. E.	Muskogee, Oklahoma Roswell, New Mexico
Creamer, W. G.	Burlingame, California
Cross. C., Jr.	West Point, Mississippi
Crow, E. S., Jr.	Olustee, Oklahoma
Cutsinger, H. M.	Los Angeles, California
David. G. S.	Rov. New Mexico
Downey, S., Jr.	Sacramento, California Beaumont, Texas
Duff. C. T., Ir.	Beaumont, Texas
Eldridge, G. P.	Augusta, Arkansas
	Kansas City, Missouri
Elv. W. F.	Gallup, New Mexico
Erwin, R. O	Roswell, New Mexico
	San Francisco, California
Freeman, W. D.	San Diego, California
Freese, D. S	Houston, Texas
Fuller, C. D	Picacho, New Mexico
Funk, J. K.	Tulsa, Oklahoma Vaughn, New Mexico
Goedeke, L. S.	Vaughn, New Mexico
Goodyear, H. R.	St. Louis, Missouri
Graham, M. K	Graham, Texas
Graham, O. L.	Graham, Texas
Green, J. M., Jr	Houston, Texas
Grover, H. W.	Roswell, New Mexico
Guggenmos, F. A., Jr.	Dorchester, Nebraska
Gullion, M. B	Sacramento, California
Hamil, G. H., Jr.	Childress, Texas
Hanny, A., Jr.	Roswell, New Mexico
Hargrave, W. M.	Lodi, California
Harris, J. C., Jr.	Dallas, Texas
Harris, R.	Denver, Colorado
Hartman, L. F.	Independence, Missouri
Hawley, L. S., Jr.	Marshall, Texas

# SECOND CLASS-CONTINUED

Handen C. In V	T) 11 % % % * .
Headen, C., Jr.	
Heath, C. M. Helmig, P. D.	Koswell, New Mexico
Helmig, P. D.	
Henderson, C. B.	San Angelo, Texas
Hepburn, J. Mc,	Piedmont, California
Hicks, D. W.	Tatum, New Mexico
Hill, L. N. X	Amarillo Teyas
Holbrook, R. B.	Plainview, Texas
Holcomb, E. D., Jr.	Shrevenort Louisiana
Hopkins, J. W., Jr.	Galveston, Texas
Hopkins, J. W., Jr.  Hortenstine, R., Jr.	Dallas Texas
11uiitiev. I . 11	1 ikiahoma 1 ity   ikiahoma
Jackson, A. W.	Paragould Arkansas
Jensen, L. A.	Rig Springs Nobreaks
Johnson, C. E.	Fort Warns Indiana
Jones, M. D.	Fort wayne, Indiana
Iones T W	
Jones, T. W. Justice, D. M.	Abilene, lexas
Lana D D	Koy, New Mexico
Lane, R. B.	Fort Leavenworth, Kansas
Little, C. L., Jr.	Delhi, Louisiana
Lowe, D. E.	Moscow, Kansas
Lusk, E. L., Jr.	Koswell, New Mexico
McCrady, J. F.	Grass Creek, Wyoming
McCrady, J. F. McGinnis, C. E., Jr. McKinney, C., Jr.	Raton, New Mexico
McKinney, C., Jr.	Goose Creek, Texas
Michigan y, J. L., Jr	
McWhorter, A. B.	Bisbee, Arizona
Merritt, M. M.	San Diego, California
Moore, C. W.	Dallas Texas
_Morgan, H. L.A	Holdenville Oklahoma
Morris, K. L. Norman, E. H. Nye, O. T., Jr.	Roswell, New Mexico
Norman, E. H.	San Francisco, California
Nye, O. T., Jr.	Ventura, California
Urgain, J. C.	Resument Toygo
Orr, L. C	El Paso, Texas
rerez 5 V	Some Fo Name Mande
Peterson, E. J.	San Francisco California
Peterson, E. J. Y. Philleo, R. W.	Shanghai China
Posev, H. O.	Nara Visa New Mayico
Posey, H. O. Price, P. P.	Rincon New Mexico
Ragsdale, J. T.	Smithwilla Taraa
Kennert, L. K	Dos Mossos I
Rhea, I. E., Ir V	McKinner T
Rhea, J. E., Jr. Richards, J. J.	Now Onlease I
Rolph, S. W., Jr.	Classiana
101pm, D. W., J1.	Lieveland Linio
Rutter, T. T.	Omaha, Nebraska

### SECOND CLASS—CONTINUED

Sabin, M. C	Albuquerque, New Mexico
Sandel, P., Jr.	
Sewall, A. R.	Alhambra, California
_Shearer, G. T.	Steubenville, Ohio
Shindelar, O. E.	Los Angeles, California
Smith, B. M. E., Jr.	McKinney, Texas
Smith, I. I.	Dallas, Texas
Smith, M. O.	Pueblo, Colorado
Smith, R. L., Jr.	Bakersfield, California
Smithwick, F. L.	Otowi, New Mexico
Speer, G. O	Las Cruces, New Mexico
Stahler, C. L.	Parsons, Kansas
Stevens, B. H.	El Paso, Texas
Swan, T. H	Fort Bliss, Texas
Sweatt, J. W.	Hagerman, New Mexico
Thomlinson, F. M.	Bethlehem, Pennsylvania
Turner, J. R.	
Twitty, O. A.	Clarkdale, Arizona
Ullery, R.	Paradise. California
Vaughn, C. N.	Roswell, New Mexico
Vickery, E. L.	Lena. Illinois
Wallace, C. W., Jr.	Monroe, Louisiana
Wallace, G. F.	Monroe, Louisiana
Wallace, G. F. Waller, C. F.	Roswell, New Mexico
Waring, C. W	San Angelo, Texas
Warren, A. B.	Lordsburg, New Mexico
Warren, A. B. Wetter, C. H.	Durango, Colorado
Whittington, D. B.	Carlsbad, New Mexico
Whittington, G. P., Jr.	Carlsbad, New Mexico
Wildenstein, C. W.	Raton, New Mexico
Wilkinson, J.	
Wirts, E. A.	Omaha, Nebraska
Wolfe, H. G.	Los Angeles, California
Woodworth, J. O.	Las Cruces, New Mexico
Wrigley, J. B.	Sonora, California
Young, G. D., Jr.	Carrizozo, New Mexico
2	

The Astronomy Property Comments	THIRD CLASS (Fourth Year High School)
Armstrong, J. B	Koswell, New Mexico
Austin, S. L	Lordsburg, New Mexico Rowe, New Mexico
	Glendale, California Santa Barbara, California
	Roswell, New Mexico

### THIRD CLASS—CONTINUED

Becker, H. C.	Denver, Colorado
Bennett, K. W.	Dallas Tavas
Blakeney, J. R. Bowdey, G. W.	Oklahoma City, Oklahoma
Bowdey, G. W.	San Diego, California
-Buffinger, C. E.	Los Angeles, California
Calvin, R. H.	Hollywood, California
Clark, J. D	Chicago Illinois
Cohen, H. C.	Chevenne, Wyoming
Compton, K. U.	Artesia. New Mexico
Corbyn, M., Jr.	Oklahoma City Oklahoma
Cox, R. L. L	Santa Rosa, New Mexico
Crabb, R. C., Jr.	Midland Texas
de Palacio, Ł., Jr.	Mexico City Mexico
Uinelli, D. J	Albuquerque, New Mexico
Dorman, O. P.	Santa Fe. New Mexico
Einstein, J. S.	Chicago Illinois
Emmert, H. D., Ir	Tules Oklahama
Ewell, J. J.	Philadelphia, Pennsylvania
Ewell, J. J. Fink, H. H.	Cusi., Chihuahua, Mexico
Flippen, R. H. Freitas, W. C.	El Reno, Oklahoma
-Freitas, W. C.	Los Angeles, California
Garnett, E. J.	Oklahoma City, Oklahoma
Green, C. C., Jr.	Houston, Texas
Griffin, D. J.	Los Angeles, California
Halff, A. H.	—————Dallas, Texas
Hanks, R. W.	Hurley, New Mexico
Heath, J. P.	Pacific Grove, California
Hinson, G. D., Jr.	Graham, Texas
Huber, O. J.	Madrid, New Mexico
Hulpieu, C. F.	Dodge City, Kansas
Jeffries, C. D., Jr.	Williams, Arizona
Jones, H. L.	Sacramento, California
Kennedy, W. J.	Oklahoma City, Oklahoma
Kynoch F C	Bartlesville, Uklahoma
Kynoch, E. G.	Chicago, Illinois
Laughlin, L. L. L. Littleiche, N. F.	Roswell, New Mexico
Littlejohn, N. F.	Artesia, New Mexico
McCrohan, G. O., Jr.  McDonald, D. A., Jr.	Wheeler, Texas
McLure, G. C.	Oklahama City, Missouri
MacMichael, R. H.	Ti Dana Ti
Masterson T R In	El raso, lexas
Masterson, T. B., Jr.	Iruscott, Texas
Morgan, J. C.	Amarillo, Texas
Morley, R. E	Koswell, New Mexico
Myers, W. D., Jr.	Joplin, Missouri

### THIRD CLASS—CONTINUED

· Neel, J. G. A.	La Masa New Mexico
Niemann H.T	Ponca City, Oklahoma
NICHAMI, II. L.	Plainview Tevas
Nisbet, J. A.	Little Rock, Arkansas
Detterner I U	Fort Apache, Arizona
P: I C	Carlsbad, New Mexico
Pi-li- A D	Coolidge, Arizona
Pinkley, A. B.	Roswell, New Mexico
roordaugn, r. w	Albuquengue New Mexico
n: l l I I	Albuquerque, New Mexico
Kichardson, J. L.	Yakima, Washington
Russell, J. S.	Albuquerque, New Mexico
Salisbury, R.	rasadena, Camorna
Seeing, F. R.	Houston, Texas
Seelig, F. W.	Detroit, Michigan
Sheets, J. D., Jr.	Santa Fe, New Mexico
Stamm, W. F.	Albuquerque, New Mexico
Stephens, R. B.	Los Angeles, California
Stuckey, J. E.	Klamath Falls, Oregon
Tallichet, R. L	Cambridge, Ohio
Thomason, W. E.	El Paso, Texas
Toler, W. J.	West Plains, Missouri
Tull, A. D	Norman, Oklahoma
Welch, J. M	Artesia, New Mexico
Westmoreland, C. R., Jr.	Houston, Texas
Wiechers, M.	Mexico City, Mexico
6	
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## FOURTH CLASS (Third Year High School)

\ x.ma 200.	111611 Dollool)
Abbott, B. J.	Berkeley, California
Berry, F., Jr.	Whittenburg, Texas
Black, R. W.	Kansas City, Missouri
Bloch, J., Jr.	Oklahoma City, Oklahoma
Blueher, W. A.	Albuquerque, New Mexico
Bowermon, W. H.	Memphis, Texas
Brookman, M. E., Jr.	Palo Alto, California
Byrne, G. P.	Hurley, New Mexico
Chambers, L. E	Gallup, New Mexico
Cook, G. Ć.	Las Animas, Colorado
Croom, W. C.	El Paso, Texas
Cunningham, K. P.	Hobbs, New Mexico
Doran. T. S.	Las Vegas, New Mexico
Downs, J. A.	Ďouglas, Arizona
Elv. C. E., Jr. 4	Gallup, New Mexico
Gilmer, G. E.	Ray, Arizona San Marino, California
Hall W F Ir	San Marino, California

# FOURTH CLASS-CONTINUED

UJ W/ II	D (1 1
Hardesty, W. H.	Denver, Colorado
Harvey, J. S Hawk, W. S., Jr	Houston, Texas
Hawk, W. S., Jr.	Dallas, Texas
Hayes, M. L.	Anthony, New Mexico
Hearte, O. K., Jr.	Pasadena, California
Heller, R. C.	Gallup, New Mexico
Henderson, P. D., Jr.	Gallup, New Mexico
Holmes, J. L.	Monroe, Louisiana
Hudson, W. D.	Denver, Colorado
Jones, A. F., Jr.	Portales, New Mexico
Jones, C. C. Jones, H. L.	Comfort, Texas
Jones, H. L.	Roswell, New Mexico
lones, W. L. Ir.	Roswell New Mexico
Kenney, J. J., Jr.	Santa Fe, New Mexico
Kenney, J. J., Jr Knudsen, A. M., Jr	Albuquerque, New Mexico
Leonard, J. K.	Iulsa, Uklahoma
Linck, R. E.	Big Spring, Texas
Logan, R. B.	Atlanta, Georgia
Long, C. J.	York, Nebraska
Long, C. A., Jr.	Gallup, New Mexico
Lowell, J. R., Jr.	Colorado Springs, Colorado
McCarthy, J. E.	Fort Worth, Texas
Moore, E. G	tairfax. Oklahoma
Neumann, E. P.	Crown Point, New Mexico
Orbison, J. A., Jr	Denver, Colorado
Peterson I I	Dashuas II Mani-
Pincetl, M. F., Jr.	Santa Fe, New Mexico
Pitcher, S., Jr.	Baton Rouge, Louisiana
Pincetl, M. F., Jr.  Pitcher, S., Jr.  Rees, E. R.  Sargent, J. P.	Kerrville, Texas
Sargent, J. P.	Santa Fe, New Mexico
Seligman, I. O. Simms, J. F., Jr.	Grants, New Mexico
Simms, J. F., Jr.	Albuquerque, New Mexico
Denice: I. A. II.	Larrizozo New Mexico
Stacher, S. F., Jr.	Crown Point, New Mexico
Stacher, S. F., Jr. Staples, E. E. Stauder, J. B.	East Orange, New Jersey
Stauder, J. B.	
Stewart, R. M	Amarillo Teyas
Thompson, T. W.	Little Falls. New York
Tigner, R. M., Jr.	Roswell, New Mexico
Towne, W. S.	Oakland California
Trammell, I. W.	New York City
Tucker, J. A	Oklahoma City, Oklahoma
Tucker, J. A	Fort Worth Texas
Wallace, J. S.	Tulsa. Oklahoma
Wilcox, W. W.	O l 311
	Umaha. Nehraska
Williams, R. J.	————Umaha, Nebraska ————Anthony, New Mexico

#### FOURTH CLASS—CONTINUED

Williams, W. A	
Woolworth, P. M.	Santa Fe, New Mexico
Zuckerman, B.	Brooklyn, New York

## FIFTH CLASS

# (Second Year High School)

(Second rear ing	ii School)
Adams, W. A., Jr.	Mimbres, New Mexico
Anstett, C. E., Jr.	New York City
Arrison, G.	Sheridan, Wyoming
Ault, F. B., Jr	Albuquerque, New Mexico
Azcarate, F.	Las Cruces, New Mexico
Baird, R. B.	Glendale, California
Bearly, J. H. Beaver, B. R.	Oklahoma City, Oklahoma
Beaver, B. R.	Aztec, New Mexico
Bisceglia, B. T.	San Jose, California
Bond, L. G. Mc.	Albuquerque, New Mexico
Bullen, R. N.	Salt Lake City, Utah
Bussey, C.	Big Spring, Texas
Campbell, G. G.	
Chiaramonte, I.	Gallup, New Mexico
Clark, N. S., III.	Santa Monica, California
Closson, C. T.	Santa Fe, New Mexico
Craig, D. F., Jr.	Fort Bliss, Texas
Downer, M. F	Albuquerque, New Mexico
Downey, S. W., Jr.	Sacramento, California
Duffin, T. R.	Roswell, New Mexico
Dunn, H. N	
Echols, J. W.	
Ede, M	Piedmont, California
Ford, L. M., Jr.	Santa Monica, California
Gersbach, F. B.	Albuquerque. New Mexico
Gilbert, J. C., Jr.	Roswell, New Mexico
Goldstein, B. E.	Chicago, Illinois
Gorman, D. D.	Pasadena, California
Griffith, R. B.	Fort Collins, Colorado
Hawthorne, W. G., Jr.	Quantico, Virginia
High, W. Y.	Houston, Texas
Hildebrandt, C. N.	Santa Monica, California
Hoffman, L. B.	San Francisco, California
Holzman, H. T.	Silver City, New Mexico
Hood, J.	San Francisco, California
Hussman, E. A. Kennemer, M. D.	El Paso, Texas
Kennemer, M. D.	San Angelo, Texas
Keyes, C. G.	Roswell, New Mexico

	FIFTH CLASS—CONTINUED
King, G. A.	Elgin, Kansas
King, J. L.	Silver City, New Mexico
Knorpp, W. B.	Long Beach, California
Knox. I. W.	Sonora, California
Larkin, I. W.	San Mateo, California
Lechner, R. L.	San Francisco, California
Leverton, W. B.	Tucson, Arizona
McCully, B. T.	El Dorado, Kansas
	Miami, Florida
McNutt. W. H.	San Antonio, Texas
Mackie, A. L., Ir.	Denver, Colorado
	Tulsa, Oklahoma
Merrill B. B.	Houston, Texas
Moberly, M. C.	Del Norte, Colorado
Norris. R. M.	Childress, Texas
O'Donnell, I. D.	Houston, Texas
Pearson B Ir	Houston, Texas
Peckham V C	Los Angeles, California
Pickett C P	El Paso, Texas
Potter H M Ir	Houston, Texas
Prince R R	Santa Fe, New Mexico
	Van Horn, Texas
Rogers I B	Beverly Hills, California
Royall C C Ir	Silver City New Mexico
Rund I R	Silver City, New Mexico St. Louis, Missouri
Shankel B. Ir	Pocatello, Idaho
Shuev H	Berkeley California
Singer, I. B.	Berkeley, California Tulsa, Oklahoma
Stewart, R. B.	Amarillo, Texas
Stewart, W. R.	Cloverdale, New Mexico
Strong, A. L.	Albuquerque, New Mexico
Sullivan S T	Pachuca, Hgo., Mexico
Tarver, I. H.	Shreveport, Louisiana
Taubman, S.	Tulsa, Oklahoma
Thornton, J. C.	El Paso Tevas
Thorne, E. R.	El Paso, Texas Lakin, Kansas
Traung. C. L.	San Francisco, California
Warr. G. D.	Park Ridge, Illinois
Wilson, W. W. Ir.	Haskell, Oklahoma
Yelverton, T. M., Ir.	Clovis, New Mexico
	CIOVIS, INCW INCOME
4	SIXTH CLASS
	(First Year High School)
Anderson K R	Salt Lake City, Utah
Reaty R T X	San Lake City, UtanLakin, Kansas
Blackburn S T	Lakin, Kansas ——————————————————————————————————
Dimondin, D. I.	Amarino, lexas
•	

# SIXTH CLASS—CONTINUED

Brazeal, C. A.	Rincon New Mexico
Evans, G. N.	Artesia New Mexico
Faris, G. D.	
Finn C R	Houston Taxas
Foster F Mc	Denison Texas
Foster C P III	Denison Texas
Foster, F. Mc. Foster, F. Mc. Gambill, P. T.	Houston, Texas
Garrett, H. N., Jr.	Houston, Texas
Gover, A. Mc.	Charlotte, North Carolina
Green, T. B., Jr.	Kansas City, Missouri
Helms, B.	El Paso, Texas
Hewes, C. S.	San Francisco, California
Hill, Í. O.	Clayton, New Mexico
Hudson, K. D.	El Paso, Texas
Hussman, J. I.	El Paso, Texas
Hussman, R. H.	El Paso, Texas
McDougal, W. L., Jr.	Salem, Oregon
McDougal, W. L., Jr. Minton, W. A.	El Paso, Texas
Neal, C. A., Jr.	Kansas City, Missouri
Neis, G. P.	Roswell, New Mexico
Neal, Ć. A., Jr Neis, G. P Nelson, J. C	Greeley, Colorado
Neis, G. P Nelson, J. C Newsom, W. G	Greeley, Colorado Santa Fe, New Mexico
Nelson, J. C. Newsom, W. G. Paton, A. M.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico
Nelson, J. C. Newsom, W. G. Paton, A. M. Peyser, W. J., Jr.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado
Nelson, J. C. Newsom, W. G. Paton, A. M.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado El Paso, Texas
Nelson, J. C. Newsom, W. G. Paton, A. M. Peyser, W. J., Jr. Rank, W. A., Jr. Russell, J. H.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado El Paso, Texas Menard, Texas
Nelson, J. C. Newsom, W. G. Paton, A. M. Peyser, W. J., Jr. Rank, W. A., Jr. Russell, J. H.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado El Paso, Texas Menard, Texas
Nelson, J. C. Newsom, W. G. Paton, A. M. Peyser, W. J., Jr. Rank, W. A., Jr. Russell, J. H. Schmidt, E., Jr. Seligman, J. J.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado El Paso, Texas Menard, Texas Los Angeles, California Bernalillo, New Mexico
Nelson, J. C. Newsom, W. G. Paton, A. M. Peyser, W. J., Jr. Rank, W. A., Jr. Russell, J. H. Schmidt, E., Jr. Seligman, J. J.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado El Paso, Texas Menard, Texas Los Angeles, California Bernalillo, New Mexico
Nelson, J. C. Newsom, W. G. Paton, A. M. Peyser, W. J., Jr. Rank, W. A., Jr. Russell, J. H. Schmidt, E., Jr. Seligman, J. J.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado El Paso, Texas Menard, Texas Los Angeles, California Bernalillo, New Mexico
Nelson, J. C. Newsom, W. G. Paton, A. M. Peyser, W. J., Jr. Rank, W. A., Jr. Russell, J. H. Schmidt, E., Jr. Seligman, J. J. Seymour, C. C. Sidler, W. J.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado El Paso, Texas Menard, Texas Los Angeles, California Bernalillo, New Mexico Gallup, New Mexico Las Animas, Colorado Tulsa Oklahoma
Nelson, J. C. Newsom, W. G. Paton, A. M. Peyser, W. J., Jr. Rank, W. A., Jr. Russell, J. H. Schmidt, E., Jr. Seligman, J. J. Seymour, C. C. Sidler, W. J. Taubman, M. I. Thompson, R. B., Jr.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado El Paso, Texas Menard, Texas Los Angeles, California Bernalillo, New Mexico Gallup, New Mexico Las Animas, Colorado Tulsa, Oklahoma Santa Rosa, New Mexico
Nelson, J. C. Newsom, W. G. Paton, A. M. Peyser, W. J., Jr. Rank, W. A., Jr. Russell, J. H. Schmidt, E., Jr. Seligman, J. J. Seymour, C. C. Sidler, W. J. Taubman, M. I. Thompson, R. B., Jr. Wadkins, W. H.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado El Paso, Texas Menard, Texas Los Angeles, California Bernalillo, New Mexico Gallup, New Mexico Las Animas, Colorado Tulsa, Oklahoma Santa Rosa, New Mexico Houston, Texas
Nelson, J. C. Newsom, W. G. Paton, A. M. Peyser, W. J., Jr. Rank, W. A., Jr. Russell, J. H. Schmidt, E., Jr. Seligman, J. J. Seymour, C. C. Sidler, W. J. Taubman, M. I. Thompson, R. B., Jr. Wadkins, W. H. Waggoner, C. H., Jr.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado El Paso, Texas Menard, Texas Los Angeles, California Bernalillo, New Mexico Gallup, New Mexico Las Animas, Colorado Tulsa, Oklahoma Santa Rosa, New Mexico Houston, Texas Tucson, Arizona
Nelson, J. C. Newsom, W. G. Paton, A. M. Peyser, W. J., Jr. Rank, W. A., Jr. Russell, J. H. Schmidt, E., Jr. Seligman, J. J. Seymour, C. C. Sidler, W. J. Taubman, M. I. Thompson, R. B., Jr. Wadkins, W. H.	Greeley, Colorado Santa Fe, New Mexico Artesia, New Mexico Colorado Springs, Colorado El Paso, Texas Menard, Texas Los Angeles, California Bernalillo, New Mexico Gallup, New Mexico Las Animas, Colorado Tulsa, Oklahoma Santa Rosa, New Mexico Houston, Texas Tucson, Arizona Carlsbad, New Mexico

# Roster of Graduates New Mexico Military Institute

### THE GRADUATING CLASS, 1931

WENDELL L. BALL	Corvallis, Oregon
FRANCIS E. BARR	428 Abiso Avenue San Antonio Toyos
E. EUGENE BEISEL	Student, University of Chicago,
	5725 Woodlawn Avenue Chicago Illinois
F. EVERETT BENNINGTON .	Conton Coloredo
RICHARD A. BLACKMAR	Student, University of Texas, c/o Mrs.
	Kate Hudson 2202 Nucces Street Austin Towns
J. WILSON BOST	Student, University of Nebraska, 635 North
	1615. (3) ( 7 ) 3 2 ) 3
FREDERICK P. BOWSER	1407 South Quaker, Tulsa, Oklahoma
JOHN W. BREIDENTHAL	Student, University of Kansas, Lawrence, Kansas
ROBERT S. CALDWELL	Midland, Texas
HENRY W. COLBERT	Box 185, Monroe, Louisiana
J. WALTER COLES, JR	General Delivery, Canutilla, Texas
ROBERT O. COLES	Student, Stanford University, 627 Homer Street,
	Palo Alto California
JAMES W. COLLINS	301 East 18 Street, Hopkinsville, Kentucky
WILLIAM A. COOPER	Olney, Texas
	Quinton, Oklahoma
J. SHERWOOD CULBERSON	Silver City, New Mexico
HARRY B. DAVIS	417 San Francisco, Santa Fe, New Mexico
BYRON B. DEES	1209 Western Avenue, Amarillo, Texas
A. POOL DONLEY	321 West Third Street, Liberal, Kansas
	, Duke University, Box 4486, Durham, North Carolina
	Midland, Texas
HENRY F. EVANS, JR.	Student, Westminster Law School.
	1200 East Third Avenue, Denver, Colorado
ARTHUR FOLEY	c/o Homan's Sanitarium, El Paso, Texas
MARSHALL R. FOLEY	Eufaula, Oklahoma
WALLACE G. FOREMAN	N. M. M. I., Roswell, New Mexico
	812 West Green, Champaign, Illinois
	1119 Santa Rita Street, Silver City, New Mexico
WILLIAM A. GLASIER	tudent, University of Notre Dame, Howard Hall,
	South Bend, Indiana
JAMES M. GOODBAR, II	-Cadet, Primary Flying School, Randolph Field, Texas
E, UYLESS GRAHAM	Brownfield, Texas
WARREN R. GRAHAM	Student, University of New Mexico,
	Albuquerque, New Mexico
ROCHESTER H. HADDAWAY	Student, University of Arizona,
	1025 North Park Avenue, Tucson, Arizona
CHARLES R. HARRYMAN	Student, Duke University, Duke Station,
	Durham North Carolina
ROBERT HAYTER	Student, University of Oregon, Room 40,
•	Sigma Hall Engene Oregon
R. PHILLIP HERGET	Student, University of Arkansas, Sigma
	Chi House, Fayetteville, Arkansas
JOE W. HUFF	Student, University of Texas, 2202 Nueces
	Street, Austin, Texas
J. RICHARD JACKSONS	Student, University of Chicago, D. K. E. House,
	VEAU TT 17 A
W. DONALD JOHNSON	6726 Woodlawn Avenue, Chicago, IllinoisStudent, University of Texas, 2103 Nueces
	Street, Austin, Texas

FRED H. JORDANStudent, Texas Technological College, 2402 Main Street, Lubbock, Texas
ROBERT L. KEELANDStudent, University of Texas, 2709½ Guadalupe, Austin, Texas
FRANKLIN Y. KLOCKStudent, Stanford University, California
EDWIN E. LANE, JR
JOHN W. McCARTHYGillette, Wyoming
JAMES F. McCOY _Student, University of Kansas, 1621 Edgehill Road, Lawrence, Kan.
G. ERWIN McKENZIESuite 316-17, Sherman Building, Corpus Christi, Texas R. EDWARD McKENZIE, JRFort Sumner, New Mexico
JOHN P. McKINLEY219 West 20th, Ada, Oklahoma
JAMES E. McKINNEYOlney, Texas
SAMUEL R. McKINNEY, JR. Student, Texas Technological College, 2221 Tenth Street, Lubbock, Texas
E. G. MINTON, JR. Student, University of New Mexico, 505 North Albuquerque Ave., Albuquerque, New Mexico
GEORGE M. NOYESStudent, Northwestern University, 70 East Bellevue Place, Chicago, Illinois
J. PAT O'NEILL Student, New Mexico A. & M. College, State College, New Mexico
G. SETH ORELLN. M. M. I., Roswell, New Mexico
G. SETH ORELL
BEVERLY M. PATTENStudent, University of Washington, 603 38rd Avenue, Seattle, Washington
JOHN K. PETTYc/o Mr. T. F. Petty, 609 West First, Roswell, New Mexico
BRUCE B. POORBAUGHStudent, University of Texas,
2204 Nueces Street, Austin, Texas
JACK W. PORTERHugoton, Kansas
JOHN L. POYASStudent, University of Alabama, 1021 Myrtlewood
Drive, University, Alabama
P. HAROLD PRINGLE202 Blue Lakes Boulevard, North, Twin Falls, Idaho
F. DALE REEDStudent, New Mexico School of Mines, Socorro, New Mexico
WILLIAM REEDA, JRStudent, Northwestern University, Evanston, Illinois
JOHN W. RHEA401 North Lea, Roswell, New Mexico
HOWARD B. RICHStudent, University of Colorado, 747 Twelfth Street, Boulder, Colorado CURTIS B. RICHARDSONOlney, Texas
CURTIS B. RICHARDSONOlney, Texas
WILLIAM O RUSSELL, JRStudent, Stanford University, California
THOMAS W SAMPSON1146 Loma Drive, Hermosa Beach, California
JOHN N SHORTLEY 3009 Grand Avenue, Des Moines, Iowa
D. J. SIBLEY, JRStudent, University of Texas,
2204 Nucces, Austin, Texas
J. KIRBY SMITH6 Remington Lane, Shadyside, Houston, Texas
THOMAS B. STAPPN. M. M. I., Roswell, New Mexico
CLYDE E. STAUDER, JRN. M. M. I., Roswell, New Mexico
ROBERT P. STEWART2206 Fort Stockton Drive, San Diego, California
ROBERT P. STEWART2206 Fort Stockton Drive, San Diego, California C. WALTER STOKESStudent, University of Arizona, 2109 East Speedway, Tucson, Arizona
ROBERT P. STEWART2206 Fort Stockton Drive, San Diego, California C. WALTER STOKESStudent, University of Arizona, 2109 East Speedway, Tucson, Arizona IOHN O TANNEHILL7068 Lanewood Avenue, Hollywood, California
ROBERT P. STEWART2206 Fort Stockton Drive, San Diego, California C. WALTER STOKESStudent, University of Arizona, 2109 East Speedway, Tucson, Arizona JOHN Q. TANNEHILL7068 Lanewood Avenue, Hollywood, California GORDON H. THOMAS708 North Reagan Street, San Benito, Texas
ROBERT P. STEWART2206 Fort Stockton Drive, San Diego, California C. WALTER STOKESStudent, University of Arizona, 2109 East Speedway, Tucson, Arizona JOHN Q. TANNEHILL7068 Lanewood Avenue, Hollywood, California GORDON H. THOMAS708 North Reagan Street, San Benito, Texas DON K TOWNSEND c. /o Mr. Albert Townsend, c. /o Court House, Houston, Texas
ROBERT P. STEWART2206 Fort Stockton Drive, San Diego, California C. WALTER STOKESStudent, University of Arizona, 2109 East Speedway, Tucson, Arizona JOHN Q. TANNEHILL7068 Lanewood Avenue, Hollywood, California GORDON H. THOMAS708 North Reagan Street, San Benito, Texas DON K. TOWNSENDc/o Mr. Albert Townsend, c/o Court House, Houston, Texas DALPH A VANDEWART JRRoswell, New Mexico
ROBERT P. STEWART2206 Fort Stockton Drive, San Diego, California C. WALTER STOKESStudent, University of Arizona, 2109 East Speedway, Tucson, Arizona JOHN Q. TANNEHILL7068 Lanewood Avenue, Hollywood, California GORDON H. THOMAS708 North Reagan Street, San Benito, Texas DON K. TOWNSENDC/O Mr. Albert Townsend, c/o Court House, Houston, Texas RALPH A. VANDEWART, JR
ROBERT P. STEWART
ROBERT P. STEWART
ROBERT P. STEWART 2206 Fort Stockton Drive, San Diego, California C. WALTER STOKES Student, University of Arizona, 2109 East Speedway, Tucson, Arizona JOHN Q. TANNEHILL 7068 Lanewood Avenue, Hollywood, California GORDON H. THOMAS 708 North Reagan Street, San Benito, Texas DON K. TOWNSEND COME. Albert Townsend, compared the Mouse, Houston, Texas RALPH A. VANDEWART, JR. Student, University of Missouri, compared to Mi
ROBERT P. STEWART
ROBERT P. STEWART 2206 Fort Stockton Drive, San Diego, California C. WALTER STOKES Student, University of Arizona, 2109 East Speedway, Tucson, Arizona JOHN Q. TANNEHILL 7068 Lanewood Avenue, Hollywood, California GORDON H. THOMAS 708 North Reagan Street, San Benito, Texas DON K. TOWNSEND COME. Albert Townsend, compared the Mouse, Houston, Texas RALPH A. VANDEWART, JR. Student, University of Missouri, compared to Mi

#### Roster of Graduates

(Continued)

New Mexico Military Institute desires to keep in touch with all graduates of the school, to know where they are and what they are doing. The cooperation of the Alumni is solicited in helping to keep this roster of graduates accurate and up-to-date by notifying the Superintendent of any change of residence so that it may be included in the annual revision of this directory.

An asterisk indicates service in the army or navy of the United States. Names of graduates who are deceased are printed in black-faced type.

*EARL PATTERSON	1902  Chief Clerk, Copper Queen Branch, Phelps Dodge Corporation, Bisbee, Arizona Address Unknown Assistant Clerk, State Prison Board of Directors, San Quentin, California
	1903
BRADLEY M. THOMAS	La Court Hotel, Grand Junction, Colorado 316 North New Hampshire Street, Los Angeles, CaliforniaAttorney-at-Law, Room 315, Renehan Building, Santa Fe, New MexicoDeccased
	1904
JAMES WHITTINGTON C. FRANK R. CRANDALL *HARRY H. HOWELL DREW E. PRUIT ALEX A. RIRIEGe ROBERT NELSON SMITH .	Ely, Minnesota  HAVES
	1905
*OTTO E. BROWNELL *ROBERT H. CREWS HIRAM M. DOW	Address UnknownState Board of Health, Minneapolis, MinnesotaDeceasedAttorney-at-Law, Box 547, Roswell, New Mexico
*CARROL R. DWIRE	Forest Supervisor, Taos, New Mexico Deceased
*EUGENE A. LOHMAN *LOUIS C. MORSE MORGAN BRENT PADEN	Major, Air Corps, France Field, Canal Zone, PanamaAddress Unknown
SAMUEL ROLLINS SMITH	212 Bolling Road, N. E., Atlanta, Georgia3134 East First Street, Long Beach, California Deceased

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1906
ELAM L. HEADMining, Box 505, Santa Rita, New Mexico
*RALPH H. LUDLUMc /o Hersch Mercantile Company, Pagosa Springs, Colorado
*BERNIE S. MARCUSThe Coast Wholesale Grocery Co., Santa Barbara, California
SAMUEL GORDON NORTH407 Electric Building, San Diego, California
*CLARRON E. RENDERLaundry Owner, 1132 East Twentieth, Tulsa, Oklahoma
RALPH L. SMITHGrocer, 1918 Eye Street, Bakersfield, California
NOYES WELTMERSuperior, Arizona
1907
WILLIAM M. BELT1226 Olive, Santa Barbara, California
*WALTER COPPINGERSan Angelo Cotton Oil Co., San Angelo, Texas
JAMES E. DOYLEDeceased
NATHANIEL A. GAMMONHotel Proprietor, Box 278, Lordsburg, New Mexico
*ROBERT C. GARRETTMajor, Hq., Harbor Defenses of San Francisco,
Fort Winfield Scott, California
*DONALD W. HAMILTONLieutenant Commander, U. S. N., Spring
Apartment Hotel, Fifth & Spring Streets, Seattle, Washington
*JACOB M. HARLANState Engineer, State College, San Diego, California
HAROLD L. HEILDeceased
ANTHONY D. KENNARDDeceased
*ALBERT C. MILLERDeceased
JAFFA MILLERSupt., New Mexico Industrial School, Springer, New Mexico
HENRY L. POLLARDOil Operator, 1296 E. Street, Eureka, California
*JACK A. STEWARTDeceased
*JONES TALIAFERROAccounting, Elks Club, 456 Post St., San Francisco, California
1908
— <del></del>
*LOUIS E. ARMIJO District Judge, Box W, Las Vegas Station, Las Vegas, N. M.
*NICHOLAS T. ARMIJOCapitalist, 623 West Copper St., Albuquerque, New Mexico
HARVEY H. CAKEAddress Unknown
*HENRY BAUD COOLEYAccountant, 313 North Kentucky, Roswell, New Mexico
RALPH B. CROWELLSkiatook, Oklahoma *O. B. FREEMANAttorney-at-Law, 1112 Mercantile Bank Building, Dallas, Texas
*GRAHME H. FROSTRancher, R. F. D. No. 6, Dallas, Texas
*J. LOVE HILL116 East 17th Street, Amarillo, Texas
JAMES L. HUBBELL
*JESSE J. LEEAddress Unknown
ESTANISLAE J. MONTOYAAddress Unknown
MELVITE G. PADEN
WYLY PARSONSSuperior, Arizona
The state of the s
1909
*ROBERT C. DOWLovington, New Mexico
WILLIAM B. DUNNDeceased
W. A. GILMORE
*WILLIAM B. LEWIS, M. D536 G Street, Brawley, California
*JOHN J. LUCASDiamond A Ranch, Roswell, New Mexico
*GEOFFREY O. McCROHANBox 397, Wheeler, Texas
J. F. McMURRAY303 East Adams, McAlester, Oklahoma
EARLE L. OVERHOLSER, Ph.DDepartment of Horticulture,
Washington State College, Pullman, Washington
*HENRY E. ROBERTSONBox 1510, Station C, Los Angeles, California
*CHARLES ABNER ROWLEY Merchant, 430 Crocker Street, Los Angeles, California
*M. P. SCANLONDawson, New Mexico
*TRACY R. STAINSBond Salesman, 7621 Kingston, Chicago, Illinois
T. J. SUTHERLANDBox 2427, Lubbock, Texas
*G. R. WELLSCaptain, Infantry, U. S. A., Box 586, Bowling Green, Kentucky

#### 1910 WARREN P. ALLEN \_\_\_\_\_ R. H. BALDOCK \_\_\_\_Assistant Engineer, Oregon State Highway Commission, State Office Building, Salem, Oregon \*PAUL R. BIRD \_\_\_\_\_Box 741, Waxahachie, Texas \*MILLETT S. CLANCY \_\_\_\_\_\_ Deceased E. P. COLEMAN, JR. \_\_\_\_\_Sikeston, Missouri E. A. DUNN \_\_\_\_\_\_Deceased \*GORDON FOWLER \_\_\_\_\_\_Deceased S. W. HILL \_\_\_\_\_Deceased \*HAROLD E. KILBURN \_\_\_\_\_\_Deceased JAMES E. MATCHIN \_\_Crown Point, New Mexico GUY MAYES \_\_\_\_\_Construction Engineer, State Highway Department, Santa Fe, New Mexico FRED MULLER, JR., D.D.S. \_\_\_\_Taos, New Mexico JOHN C. ROWLEY, JR. ....430 Crocker Street, Los Angeles, California T. ARTHUR STANCLIFF \_\_\_\_\_Oil and Gas Inspector, Lovington, New Mexico WILLIAM G. WALZ, JR. \_\_\_\_\_\_W. G. Walz Company, El Paso, Texas \*WILL F, WOODRUFF \_\_\_\_\_\_\_Deceased 1911 J. E. BUNTING \_\_\_\_\_\_3922 Trowbridge, El Paso, Texas \*J. W. CHISUM \_\_\_\_\_\_Route 2, Troutdale, Oregon \*O. W. CHISUM \_\_\_\_\_\_1767 Casa Grande Street, Pasadena, California \*C. A. COLEMAN \_\_\_\_\_\_Big Run Coal & Clay Co., Ashland, Kentucky \*S. B. COLQUITT \_\_\_\_\_4950 Live Oak Street, Dallas, Texas \*EMIL N. CONWAY \_\_\_\_\_\_Chemist, 1041 Broadway, Alameda, California \*I. V. GALLEGOS \_\_\_\_\_Attorney-at-Law, 505 West Lead, Albuquerque, New Mexico \*G. C. GARRETT \_\_\_\_\_\_4660 East Talmadge Drive, San Diego, California \*R. C. GISE \_\_\_\_\_Importer and Exporter, P. O. Box 84, Portland, Oregon \*HENRY C. McDONALD \_\_\_\_\_\_1453 Thompson Avenue, Glendale, California \*HAROLD A. MARTIN \_\_\_\_\_\_\_ Deming, New Mexico \*RAY THOMAS MILLER \_\_\_\_\_\_\_1722 North Eighth Street, Boise, Idaho WILLIAM T. MORTON \_\_\_\_\_\_Deceased R. A. MURRAY \_\_\_\_\_\_Deceased PAUL W. RIGGINS LAWRENCE M. SHADBOLT \_\_\_\_Oil Operator, c/o Edwards Hotel, Jackson, Mississippi \*M. P. SHORT \_\_\_\_\_Como, Mississippi B. R. THOMAS \_\_\_\_\_Address Unknown 1912 \*JOE K. CREAMER \_\_\_\_\_Captain, U. S. A., 38th Infantry, N. Douglas, Utah JAMES C. KNOLLIN \_\_\_c/o Johnston Ayers Co., 574 Market St., San Francisco, Calif. \*J. JAY McCOLLISTER \_\_\_\_\_\_Major, Field Artillery, Instructor National Guard, P. O. Box 2187, Salt Lake City, Utah \*TOM McMURRAY \_\_\_\_\_\_303 East Adams, McAlester, Oklahoma \*H. T. MERRILL \_\_\_\_\_c/o Saxet Oil Company, Box 157, Petrolia, Texas \*M. A. OTERO, JR. \_\_\_\_\_District Judge, Box 236, Santa Fe, New Mexico \*J. P. PRYOR \_\_\_\_\_\_Deceased \*EUGENE A. ROBERTS \_\_\_\_\_Carlsbad, New Mexico THEODORE ROYBAL \_\_\_\_\_212 Galisteo Street, Santa Fe, New Mexico HARWOOD P. SAUNDERS, JR. \_\_\_\_\_Commandant of Cadets. N. M. M. I., Roswell, New Mexico \*JOSEPH F. SCANLON \_\_\_\_\_Deceased

\*F. DAVID THOMPSON \_\_\_\_\_\_Address Unknown

\*CLINT J. WAGNER, JR. \_\_\_\_\_\_1178 Minna Place, Memphis, Tennessee

C. M. YATER, JR. \_\_\_\_\_\_Address Unknown

East Vaughn, New Mexico

#### 1913

	304 Spreckles Building, Los Angeles, California
	311 East Marquette, Albuquerque, New Mexico
	Deceased
	Rancher, Tularosa, New Mexico
	Closson & Closson Garage, Santa Fe, New Mexico
	Box 192, Georgetown, Texas
	1315 Alameda, Portland, Oregon n, Infantry, E. & R. Officer, Scofield Barracks, Hawaii
*SAMUEL S. DICKSON	U. S. Department of State, c/o American
TENDY I POTED	Legation, Helsinki, Helsingfors, Finland 2016 Hudson, Denver, Colorado
*T O FOWADDS	c/o Associated Oil Company, Associated, California
TAMES S HADDISON	Address Unknown
	736 Garfield Street, Denver, Colorado
	173 Third Avenue, Kingston, Pennsylvania
*C W JOHNSON IR	Attorney-at-Law, Box 895, Graham, Texas
	Salesman, 505 South Third Street, Raton, New Mexico
	g Engineer, General Land Office, Santa Fe, New Mexico
	Mechanic, Box 219, Roswell, New Mexico
	Deceased
CARL H. PARKER	_520 East Fontanero Street, Colorado Springs, Colorado
*WILLIAM H. W REINBURG	Captain, Cavalry, U. S. A.,
WILLIAM II. W. INDINIDOWG	U. S. Military Academy, West Point, New York
*WALKER REWSBERG	1619 Belmont Ave., Seattle, Washington
	Address Unknown
R. L. P. SMITH C. A.	o R. L. Polk & Company, 431-441 Howard Street,
*CHESTER P. STEVENS	Detroit, MichiganAddress Unknown
CICERO ALLEN STEWART	Carlshad New Mayien
	Carlsbad, New Mexico
	Carlsbad, New Mexico Box 29, Raton, New Mexico
	Box 29, Raton, New Mexico
*FRED J. VOORHEES	Box 29, Raton, New Mexico
*FRED J. VOORHEESARTHUR P. BAKER	Box 29, Raton, New Mexico  1914  524 West Macon Street, Decatur, Illinois
*FRED J. VOORHEESARTHUR P. BAKER	Box 29, Raton, New Mexico  1914
*FRED J. VOORHEESARTHUR P. BAKER*JOSH P. CHURCH	Box 29, Raton, New Mexico  1914  524 West Macon Street, Decatur, Illinois  Martin Engineering Co.,  Apt. No. 370, Maracaibo, Venezuela, S. A.
*FRED J. VOORHEESARTHUR P. BAKER*JOSH P. CHURCH*D. C. COOPER	Box 29, Raton, New Mexico  1914
*FRED J. VOORHEES  ARTHUR P. BAKER *JOSH P. CHURCH *D. C. COOPER *SAMUEL BRISCOE DAVIS	Box 29, Raton, New Mexico  1914  524 West Macon Street, Decatur, Illinois  Martin Engineering Co., Apt. No. 370, Maracaibo, Venezuela, S. A.  Box 337, Georgetown, Texas  Granger, Texas
*FRED J. VOORHEES  ARTHUR P. BAKER *JOSH P. CHURCH  *D. C. COOPER *SAMUEL BRISCOE DAVIS *H. E. DePUY	Box 29, Raton, New Mexico  1914  524 West Macon Street, Decatur, Illinois Martin Engineering Co., Apt. No. 370, Maracaibo, Venezuela, S. A. Box 337, Georgetown, Texas Granger, Texas 4203 Tyler, Detroit, Michigan
*FRED J. VOORHEES  ARTHUR P. BAKER *JOSH P. CHURCH  *D. C. COOPER *SAMUEL BRISCOE DAVIS *H. E. DePUY *JACK DUSON	Box 29, Raton, New Mexico  1914
*FRED J. VOORHEESARTHUR P. BAKER*  *JOSH P. CHURCH*  *D. C. COOPER*  *SAMUEL BRISCOE DAVIS*  *H. E. DePUY*  *JACK DUSON*  *GEORGE G. EDGERTON*	Box 29, Raton, New Mexico  1914 524 West Macon Street, Decatur, IllinoisMartin Engineering Co., Apt. No. 370, Maracaibo, Venezuela, S. ABox 337, Georgetown, TexasGranger, Texas4203 Tyler, Detroit, MichiganEl Campo, TexasEl Campo, Texas203-5 Anchor Insurance Bldg., St. Paul, Minnesota
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  -JACK DUSON  *GEORGE G. EDGERTON  *LEA F. GARLINGTONOF	Box 29, Raton, New Mexico  1914
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F. GARLINGTONOf  *HENRY A. GOLDENBERG	Box 29, Raton, New Mexico  1914
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F. GARLINGTON OF  *HENRY A. GOLDENBERG  *CARL A. GRIMES	Box 29, Raton, New Mexico  1914 524 West Macon Street, Decatur, IllinoisMartin Engineering Co., Apt. No. 370, Maracaibo, Venezuela, S. ABox 337, Georgetown, TexasGranger, Texas4203 Tyler, Detroit, MichiganEl Campo, Texas203-5 Anchor Insurance Bldg., St. Paul, Minnesota fice, Chief Engineer, Santa Fe Railroad, Amarillo, TexasMerchant, 415 Prospect, No. 12, El Paso, Texas
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F. GARLINGTON OF  *HENRY A. GOLDENBERG  *CARL A. GRIMES	Box 29, Raton, New Mexico  1914 524 West Macon Street, Decatur, IllinoisMartin Engineering Co., Apt. No. 370, Maracaibo, Venezuela, S. A
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F. GARLINGTONOf  *HENRY A. GOLDENBERG  *CARL A. GRIMES  *J. L. HANLEY	Box 29, Raton, New Mexico  1914
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F. GARLINGTONOf  *HENRY A. GOLDENBERG  *CARL A. GRIMES  *J. L. HANLEY	Box 29, Raton, New Mexico  1914
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F. GARLINGTON OF  *HENRY A. GOLDENBERG  *CARL A. GRIMES  *J. L. HANLEY  *ELMER R. HASLETT	Box 29, Raton, New Mexico  1914 524 West Macon Street, Decatur, IllinoisMartin Engineering Co., Apt. No. 370, Maracaibo, Venezuela, S. ABox 337, Georgetown, Texas4203 Tyler, Detroit, MichiganEl Campo, Texas203-5 Anchor Insurance Bldg., St. Paul, Minnesota fice, Chief Engineer, Santa Fe Railroad, Amarillo, TexasMerchant, 415 Prospect, No. 12, El Paso, Texas
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F, GARLINGTONOf  *HENRY A. GOLDENBERG  *CARL A. GRIMES  *J. L. HANLEY	Box 29, Raton, New Mexico  1914 524 West Macon Street, Decatur, IllinoisMartin Engineering Co., Apt. No. 370, Maracaibo, Venezuela, S. ABox 337, Georgetown, Texas4203 Tyler, Detroit, MichiganEl Campo, Texas203-5 Anchor Insurance Bldg., St. Paul, Minnesota fice, Chief Engineer, Santa Fe Railroad, Amarillo, TexasMerchant, 415 Prospect, No. 12, El Paso, Texas
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F, GARLINGTONOf  *HENRY A. GOLDENBERG  *CARL A. GRIMES  *J. L. HANLEY	Box 29, Raton, New Mexico  1914 524 West Macon Street, Decatur, IllinoisMartin Engineering Co., Apt. No. 370, Maracaibo, Venezuela, S. ABox 337, Georgetown, Texas4203 Tyler, Detroit, MichiganEl Campo, Texas203-5 Anchor Insurance Bldg., St. Paul, Minnesota fice, Chief Engineer, Santa Fe Railroad, Amarillo, TexasMerchant, 415 Prospect, No. 12, El Paso, Texas
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*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F. GARLINGTON OF  *HENRY A. GOLDENBERG  *CARL A. GRIMES  *J. L. HANLEY  *ELMER R. HASLETT  RALPH B. HERSEY  *ROLLA R. HINKLE  *A. E. LUSK	Box 29, Raton, New Mexico  1914 524 West Macon Street, Decatur, IllinoisMartin Engineering Co., Apt. No. 370, Maracaibo, Venezuela, S. A
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F. GARLINGTON OF  *HENRY A. GOLDENBERG  *CARL A. GRIMES  *J. L. HANLEY  *ELMER R. HASLETT  RALPH B. HERSEY  *ROLLA R. HINKLE  *A. E. LUSK  *C. HENRY LUTZ	Box 29, Raton, New Mexico  1914 524 West Macon Street, Decatur, IllinoisMartin Engineering Co., Apt. No. 370, Maracaibo, Venezuela, S. A
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F. GARLINGTONOf  *HENRY A. GOLDENBERG  *CARL A. GRIMES  *J. L. HANLEY  *ELMER R. HASLETT  RALPH B. HERSEY  *ROLLA R. HINKLE  *A. E. LUSK  *C. HENRY LUTZ  *J. S. MILLS, M.D.	Box 29, Raton, New Mexico  1914
*FRED J. VOORHEES  ARTHUR P. BAKER  *JOSH P. CHURCH  *D. C. COOPER  *SAMUEL BRISCOE DAVIS  *H. E. DePUY  *JACK DUSON  *GEORGE G. EDGERTON  *LEA F. GARLINGTONOf  *HENRY A. GOLDENBERG  *CARL A. GRIMES  *J. L. HANLEY  *ELMER R. HASLETT  RALPH B. HERSEY  *ROLLA R. HINKLE  *A. E. LUSK  *C. HENRY LUTZ  *J. S. MILLS, M.D.	Box 29, Raton, New Mexico  1914 524 West Macon Street, Decatur, IllinoisMartin Engineering Co., Apt. No. 370, Maracaibo, Venezuela, S. A

	1914—Continued
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	_Captain, Infantry, U. S. A., Quarry Heights, Canal Zone
OWEN S. PARKISH	1017 5th Street, Las Vegas, New Mexico
*PAUL C. PETERSON	Phoenix Auto Supply Company, Phoenix, Arizona
	Aztec, New Mexico
CHARLES E. WISELEY	Box 395, Roswell, New Mexico
	1915
*C. V. CLAYTON	Tularosa, New Mexico er and Importer, 255 California St., San Francisco, Calif.
*HAROLD F. COHNExport	er and Importer, 255 California St., San Francisco, Calif.
*JOHN B. CONNOLLY	Deceased
	917 North Main, Roswell, New Mexico
	ttorney-at-Law, First Nat'l. Bank Bldg., Roswell, N. M.
*F. L. DREW	Deceased
FLOYD R. DREW	McAlester Edwards Coal Co., Pittsburgh, Oklahoma
*CURLEY P. DUSON	El Campo, Texas
	Cattleman, Canadian, Texas
*GEORGE P. KRAKER	Gallup, New Mexico
*CARROLL K. LEEPER	First Lieutenant, Fifteenth Infantry,
	American Forces in China, Tientsin, China
*WILL F. LOMAX	Salesman, 705 Arizona, Apartment 5, El Paso, Texas
*DEMPSTER MacMURPHY	Vice-President, Middle West Utilities Co.,
	20 North Wacker Drive, Chicago, Illinois
*W. S. MURRAYFirst 1	Lieutenant, Infantry, 357 Crawford St., Nogales, Arizona
*EDWARD H. PREISLER	4274 Shenandoah, St. Louis, Missouri
	3926 Hall Street, Dallas, Texas
*HUGH C. TRIGG	Apartment 310, Hampton Court,
	2013 New Hampshire, N. W., Washington, D. C.
*B. VANCE	Batesville, Mississippi
*STEPHEN P. VIDAL	
	Gallup, New Mexico
*JOE K. WALTON	Box 572, Albuquerque, New Mexico
*JOE K. WALTON	Box 572, Albuquerque, New Mexico Box 572, Albuquerque, New Mexico Jeweler, 200 East Broadway, Eufaula, Oklahoma
*JOE K. WALTON	Box 572, Albuquerque, New Mexico Labeler, 200 East Broadway, Eufaula, Okiahoma
*JOE K. WALTON *L. G. WHITLOW	Box 572, Albuquerque, New Mexico Leveler, 200 East Broadway, Eufaula, Oklahoma 1916
*JOE K. WALTON *L. G. WHITLOW *CABELL C. CORNISH	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas
*JOE K. WALTON*  *L. G. WHITLOW*  *CABELL C. CORNISH*  *WILLIAM B. CROW	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona
*JOE K. WALTON*  *L. G. WHITLOW*  *CABELL C. CORNISH*  *WILLIAM B. CROW	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,
*JOE K, WALTON*L. G. WHITLOW*CABELL C. CORNISH*WILLIAM B. CROW*PWILLIAM B. CROW	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City Miscopri
*JOE K, WALTON*L. G. WHITLOW*  *CABELL C. CORNISH*WILLIAM B. CROW*  *R. L. DUNLAP*  *BART J. GORDON*	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company, Kansas City, Missouri  Address Unknown  c/o Post Office, Henryetta, Oklahoma
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  C/o Post Office, Henryetta, Oklahoma  Arlington, California
*JOE K, WALTON  *L G, WHITLOW  *CABELL C, CORNISH  *WILLIAM B, CROW  *R. L, DUNLAP  *BART J, GORDON  SAM F, GRAY  ROY C, HILL  RANSOM B, LETCHER  *J, SAM LUSK	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  c/o Post Office, Henryetta, Oklahoma  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico
*JOE K, WALTON  *L G, WHITLOW  *CABELL C, CORNISH  *WILLIAM B, CROW  *R. L, DUNLAP  *BART J, GORDON  SAM F, GRAY  ROY C, HILL  RANSOM B, LETCHER  *J. SAM LUSK	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  c/o Post Office, Henryetta, Oklahoma  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL  RANSOM B. LETCHER  *J. SAM LUSK  *JOHN H. McCUTCHEN, JR.  *CURTIS O. MORRIS	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  C/o Post Office, Henryetta, Oklahoma  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  1916 Montana Street, El Paso, Texas
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL  RANSOM B. LETCHER  *J. SAM LUSK  *JOHN H. McCUTCHEN, JR.  *CURTIS O. MORRIS  *J. W. PUCKETT	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  Co/o Post Office, Henryetta, Oklahoma  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  1916 Montana Street, El Paso, Texas  Claude, Texas
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL  RANSOM B. LETCHER  *J. SAM LUSK  *JOHN H. McCUTCHEN, JR.  *CURTIS O. MORRIS  *J. W. PUCKETT  GEORGE W. REED	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  Address Unknown  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Claude, Texas  4622 Park Drive, Husston, Texas
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL  RANSOM B. LETCHER  *J. SAM LUSK  *JOHN H. McCUTCHEN, JR.  *CURTIS O. MORRIS  *J. W. PUCKETT  GEORGE W. REED	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  Co/o Post Office, Henryetta, Oklahoma  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  1916 Montana Street, El Paso, Texas  Claude, Texas
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL  RANSOM B. LETCHER  *J. SAM LUSK  *JOHN H. McCUTCHEN, JR.  *CURTIS O. MORRIS  *J. W. PUCKETT  GEORGE W. REED	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  c/o Post Office, Henryetta, Oklahoma  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  1916 Montana Street, El Paso, Texas  Claude, Texas  4622 Park Drive, Houston, Texas  Cedar Vale National Bank, Cedar Vale, Kansas
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL  RANSOM B. LETCHER  *J. SAM LUSK  *JOHN H. McCUTCHEN, JR.  *CURTIS O. MORRIS  *J. W. PUCKETT  GEORGE W. REED  GEORGE R. WILLSON	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  c/o Post Office, Henryetta, Oklahoma  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  Lusk Motor Street, El Paso, Texas  Claude, Texas  4622 Park Drive, Houston, Texas  Cedar Vale National Bank, Cedar Vale, Kansas
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL  RANSOM B. LETCHER  *J. SAM LUSK  *JOHN H. McCUTCHEN, JR.  *CURTIS O. MORRIS  *J. W. PUCKETT  GEORGE W. REED  GEORGE R. WILLSON  *B. C. BROMLEY	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  1916 Montana Street, El Paso, Texas  Claude, Texas  4622 Park Drive, Houston, Texas  Cedar Vale National Bank, Cedar Vale, Kansas
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL  RANSOM B. LETCHER  *J. SAM LUSK  *JOHN H. McCUTCHEN, JR.  *CURTIS O. MORRIS  *J. W. PUCKETT  GEORGE W. REED  GEORGE R. WILLSON  *B. C. BROMLEY  *GEORGE CLEVELAND	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  Address Unknown  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  1916 Montana Street, El Paso, Texas  Claude, Texas  4622 Park Drive, Houston, Texas  Cedar Vale National Bank, Cedar Vale, Kansas  1917  Clarendon, Texas  Anderson, Clayton & Company,
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL  RANSOM B. LETCHER  *J. SAM LUSK  *JOHN H. McCUTCHEN, JR.  *CURTIS O. MORRIS  *J. W. PUCKETT  GEORGE W. REED  GEORGE R. WILLSON  *B. C. BROMLEY  *GEORGE CLEVELAND	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  Address Unknown  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  1916 Montana Street, El Paso, Texas  Claude, Texas  4622 Park Drive, Houston, Texas  Cedar Vale National Bank, Cedar Vale, Kansas  1917  Clarendon, Texas  Anderson, Clayton & Company,
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL  RANSOM B. LETCHER  *J. SAM LUSK  *JOHN H. McCUTCHEN, JR.  *CURTIS O. MORRIS  *J. W. PUCKETT  GEORGE W. REED  GEORGE R. WILLSON  *B. C. BROMLEY  *GEORGE CLEVELAND  *H. J. DAVIS	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  Address Unknown  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  1916 Montana Street, El Paso, Texas  Claude, Texas  4622 Park Drive, Houston, Texas  Cedar Vale National Bank, Cedar Vale, Kansas  1917  Clarendon, Texas  Anderson, Clayton & Company,  Cotton Exchange Building, Dallas, Texas  c/o Roscoe Luke, Drawer 190, Thomasville, Georgia
*JOE K. WALTON  *L. G. WHITLOW  *CABELL C. CORNISH  *WILLIAM B. CROW  *R. L. DUNLAP  *BART J. GORDON  SAM F. GRAY  ROY C. HILL  RANSOM B. LETCHER  *J. SAM LUSK  *JOHN H. McCUTCHEN, JR.  *CURTIS O. MORRIS  *J. W. PUCKETT  GEORGE W. REED  GEORGE R. WILLSON  *B. C. BROMLEY  *GEORGE CLEVELAND  *H. J. DAVIS  *FRED C. EASTIN, JR.	Box 572, Albuquerque, New Mexico  Jeweler, 200 East Broadway, Eufaula, Oklahoma  1916  2615 Gaines, Little Rock, Arkansas  1534 East Seventh, Tucson, Arizona  Banker, Commerce Trust Company,  Kansas City, Missouri  Address Unknown  Address Unknown  Arlington, California  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  Lusk Motor Co., Carlsbad, New Mexico  Address Unknown  1916 Montana Street, El Paso, Texas  Claude, Texas  4622 Park Drive, Houston, Texas  Cedar Vale National Bank, Cedar Vale, Kansas  1917  ————————————————————————————————
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### 1917—CONTINUED

1711	
*W. H. MIDDLETON, JR.	264 North Delta Drive, Columbus, Ohio
*W. BERTRAM RANDLES	Providence Braid Company, Providence, R. I.
	Waverly, Ohio
*W. H. B. THODE	_32 North Seventh, West, Salt Lake City, Utah
	1010
	1918
*L. W. BERLIER, M.D.	1315 Fair Oaks, South Pasadena, California
	Address Unknown
*DEADERICK C. DUNGANc/o Zenit	th Guano Co., Box 618, Salisbury, North Carolina
*O. W. ELLIOTT	Mobeetie, Texas
*A, L, EXLINE	c/o Exline-Lowden Company, Dallas, Texas
*C. E. GLASCO	828 Grand Avenue, Grand Junction, Colorado
	Reserve, New Mexico
	Lovington, New Mexico
	esman, 322 South Main Street, Rector, Arkansas
	3819 Lawler, Pine Lawn, Saint Louis, Missouri
*EDWARD H. JENANYANSalesma	an, Box 335, Arcade Station, Los Angeles, Calif.
*JO C. JOPLIN	1300 Factory Place, Los Angeles, California
*LAWRENCE B. MERCHANT	Electrical Engineer, c/o Graybar Electric
	Company, Dallas, Texas
	225 Broadway, New York City
	Swea City, Iowa
*WILLIAM E. SPENCER	Author, Monticello, Arkansas
*A. L. STAUFTManufacturing	r, 66 Oakland Avenue, Uniontown, Pennsylvania
ROBERT B. STAUFT	_66 Oakland Avenue, Uniontown, Pennsylvania
*LEE I. TALBOTOil	Man, 527 West 29th, Oklahoma City, Oklahoma
CHARLES W. WALKER	132 South Second Avenue, Phoenix, Arizona
*R. M. WILEY	Attorney-at-Law, Silver City, New Mexico
*DAVID H. WYATT	Address Unknown
	1919
*ARDEN R. BOELLNERJewel	1919 er, 316 North Main Street, Roswell, New Mexico
*GLENN M. FLICKINGER(	1919  er, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California
*GLENN M. FLICKINGER( *EMMETT A. GATLINLife	1919  1919  Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas
*GLENN M. FLICKINGER( *EMMETT A. GATLINLife *RALPH L. GIBSON	1919 er, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas Address Unknown
*GLENN M. FLICKINGER (*EMMETT A. GATLIN Life *RALPH L. GIBSON *WILLIAM RHEA GRAHAM	1919 er, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas  Address Unknown  Undertaker, Box 707, Las Cruces, New Mexico
*GLENN M. FLICKINGER( *EMMETT A. GATLIN Life *RALPH L. GIBSON *WILLIAM RHEA GRAHAM *FRED B. HUMPHREYS	er, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas ————————————————————————————————————
*GLENN M. FLICKINGER( *EMMETT A. GATLIN Life *RALPH L. GIBSON *WILLIAM RHEA GRAHAM *FRED B. HUMPHREYS *OLIVER M. LEE, JR	1919  er, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas ————————————————————————————————————
*GLENN M. FLICKINGER (*EMMETT A. GATLIN Life *RALPH L. GIBSON (*WILLIAM RHEA GRAHAM (*FRED B. HUMPHREYS (*OLIVER M. LEE, JR. (*MALCOLM McGREGOR (**)	1919  der, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas ————————————————————————————————————
*GLENN M. FLICKINGER ( *EMMETT A. GATLIN Life *RALPH L. GIBSON  *WILLIAM RHEA GRAHAM  *FRED B. HUMPHREYS  *OLIVER M. LEE, JR.  *MALCOLM McGREGOR  *ROBERT C. PRIM	er, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas————————————————————————————————————
*GLENN M. FLICKINGER ( *EMMETT A. GATLIN Life *RALPH L. GIBSON  *WILLIAM RHEA GRAHAM  *FRED B. HUMPHREYS  *OLIVER M. LEE, JR.  *MALCOLM McGREGOR  *ROBERT C. PRIM	1919  er, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas ————————————————————————————————————
*GLENN M. FLICKINGER ( *EMMETT A. GATLIN Life *RALPH L. GIBSON   *WILLIAM RHEA GRAHAM   *FRED B. HUMPHREYS   *OLIVER M. LEE, JR.   *MALCOLM MCGREGOR   *ROBERT C. PRIM   *O. P. SELIGMAN Banker, 7   *SANFORD E. SNOW	er, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas Address Unknown —— Undertaker, Box 707, Las Cruces, New Mexico —— 1312 Pomona Avenue, Coronado, California —— Rancher, Alamogordo, New Mexico —— Cotton, 3040 Aurora Street, El Paso, Texas Scott's Store No. 8, Russellville, Arkansas The First National Bank, Santa Fe, New Mexico —— Oil Weil Supply Company, Best, Texas
*GLENN M. FLICKINGER ( *EMMETT A. GATLIN Life *RALPH L. GIBSON   *WILLIAM RHEA GRAHAM   *FRED B. HUMPHREYS   *OLIVER M. LEE, JR.   *MALCOLM MCGREGOR   *ROBERT C. PRIM   *O. P. SELIGMAN Banker, 7   *SANFORD E. SNOW	er, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas ————————————————————————————————————
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*GLENN M. FLICKINGER  *EMMETT A. GATLIN Life  *RALPH L. GIBSON  *WILLIAM RHEA GRAHAM  *FRED B. HUMPHREYS  *OLIVER M. LEE, JR  *MALCOLM McGREGOR  *ROBERT C. PRIM  *O. P. SELIGMANBanker, T  *SANFORD E. SNOW  *WOODSON S. SPURLOCK Atto  DEAN F. STAHMANN  *CLINTON SIDNEY WHARTON	ier, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas ————————————————————————————————————
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*GLENN M. FLICKINGER ( *EMMETT A. GATLIN Life *RALPH L. GIBSON   *WILLIAM RHEA GRAHAM   *FRED B. HUMPHREYS   *OLIVER M. LEE, JR.   *MALCOLM McGREGOR   *ROBERT C. PRIM   *O. P. SELIGMAN Banker, 7   *SANFORD E. SNOW   *WOODSON S. SPURLOCK Attack DEAN F. STAHMANN   *CLINTON SIDNEY WHARTON    *WILLIAM H. ALDRIDGE, JR.   *WILLIAM H. ALDRIDGE, JR.   **EMMETT A. GATLINGER    *WILLIAM H. ALDRIDGE, JR.   **EMMETT A. GATLINGER    **WILLIAM H. ALDRIDGE, JR.   ***EMMETT A. GATLINGER    **WILLIAM H. ALDRIDGE, JR.    ***EMMETT A. GATLIN    ***EMMETT A. GATLIN    **CLINTON SIDNEY WHARTON    ***WILLIAM H. ALDRIDGE, JR.    ***WILLIAM H. ALDRIDGE, JR.    **********************************	er, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas ————————————————————————————————————
*GLENN M. FLICKINGER	1919  Ter, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas ————————————————————————————————————
*GLENN M. FLICKINGER  *EMMETT A. GATLIN Life *RALPH L. GIBSON *WILLIAM RHEA GRAHAM *FRED B. HUMPHREYS *OLIVER M. LEE, JR *MALCOLM MGGREGOR *ROBERT C. PRIM *O. P. SELIGMAN Banker, 7 *SANFORD E. SNOW *WOODSON S. SPURLOCK Atto  DEAN F. STAHMANN *CLINTON SIDNEY WHARTON  *WILLIAM H. ALDRIDGE, JR WILLIAM ROBERT ARMSTRONG *JOHN WALDEN BASSETTPU	1919  Ter, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas ————————————————————————————————————
*GLENN M. FLICKINGER  *EMMETT A. GATLIN Life *RALPH L. GIBSON *WILLIAM RHEA GRAHAM *FRED B. HUMPHREYS *OLIVER M. LEE, JR *MALCOLM MGGREGOR *ROBERT C. PRIM *O. P. SELIGMAN Banker, 7 *SANFORD E. SNOW *WOODSON S. SPURLOCK Atto  DEAN F. STAHMANN *CLINTON SIDNEY WHARTON  *WILLIAM H. ALDRIDGE, JR WILLIAM ROBERT ARMSTRONG *JOHN WALDEN BASSETTPU	1919  Ter, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas ————————————————————————————————————
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*GLENN M. FLICKINGER  *EMMETT A. GATLIN Life  *RALPH L. GIBSON  *WILLIAM RHEA GRAHAM  *FRED B. HUMPHREYS  *OLIVER M. LEE, JR  *MALCOLM McGREGOR  *ROBERT C. PRIM Banker, The control of the control	1919  Ter, 316 North Main Street, Roswell, New Mexico Chemist, 1258 Gulf Ave., Wilmington, California Insurance, 205 Leader Building, Lubbock, Texas ————————————————————————————————————
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1920—CONTINUED
PHINEAS H. INGALLSEngineer, c/o Dr. H. A. Ingalls, Roswell, New Mexico
SYLVESTER P. JOHNSON, JRBox 407, Roswell, New Mexico
SYLVESTER P. JOHNSON, JRBox 407, Roswell, New Mexico GEORGE L. REESE, JRAttorney-at-Law, Lovington, New Mexico
*J. S. ROBINSONAddress Unknown
*J. B. RUNYAN
*W. N. WELLSc/o Dixie Gas & Fuel Company, Longview, Texas
*FRANCIS SID WESTAuto Salesman, Herring Hotel, Amarillo, Texas
ARTHUR J. WHITTAKER425 Cherry Street, Springfield, Missouri
1921
*WILLIAM T. BRADBURY, JRMerchant, Cleburne, Texas
*DENTON M. DOLSONFerry Post Office, San Francisco, California
HOMER F. DONALDSONApt. 13, Potosi Mining Company, Chihuahua, Chih., Mexico
MAYNARD LEE DURHAM3121 Coleridge Road, Cleveland Heights, Ohio
DONALD M. DUSONAttorney-at-Law, El Campo, Texas
AUBREY F. LEEUniversity Club, Seattle, Washington
JAMES H. McCLURKIN1100 West 20th Street, Amarillo, Texas
WILLIAM C. McMAHANOil Man, Box 606, Okemah, Oklahoma
*LOUIS B. RAPPFirst Lieutenant, Cavalry, 14th Cavalry, Fort Sheridan, Illinois
CHARLES LOUIS RUHRUPToyah, Texas
WILLIAM GRAVES SMITH, JRLas Cruces, New Mexico
JOSEPH GORDON SPENCEWholesale Grocery, Cotulia, Texas
RICHARD S. B. WASHINGTONClerk, c/o Douglas Hardware Co., Douglas, Arizona
1922
CHARLES CURTIS BAKER, JR., D.D.S
ROBERT PRESTON BOONEU. S. Forestry Service, Mimbres, New Mexico
JOHN LOCKWOOD BURNSIDE, JREnsign, U. S. N., Highland Apartments,
Washington, D. C.
THEODORE O. CARTER1804 Cloverlane Street, Fort Worth, Texas
JESS WILLIAMS CORNRancher, 509 North Kentucky, Roswell, New Mexico
ALBERT PETER EBRIGHT4001 West Venice Boulevard, Los Angeles, California
MAYER H. HALFFRichardson, Texas
HARRIS BREEDING HENNING4224 Olive Street, St. Louis, Missouri
CLARENCE EMMETT HINKLEAttorney-at-Law, Box 614, Roswell, New Mexico
R. S. LEHMANN167 Du Page Street, Elgin, Illinois
EARL G. LEWISc /o V. G. Lewis, Box 66, Allen, Oklahoma
ROBERT K. McDONOUGHLieutenant, Corps of Engineers, Schofield Barracks,
Territory of Hawaii
SAMUEL H. MOOREBanker, Estelline, Texas
FRANCIS W. POOLSalesman, 510 West Cypress Street, Phoenix, Arizona
WILLIAM W. PORTERMerchant, Box 22, Momence, Illinois
LOUIS MORRIS PRAGERExporter, United Fruit Co., Port Limon, Costa Rica
HERMAN H. UHLI315 Pinos Altos Street, Silver City, New Mexico
WALTER DAVID WILFLEYKilgore, Texas
1923
SAMUEL C. ANDRESSUniversity Club, 105 Fir Street, Akron, Ohio
HARRY D. BLAKEInstructor, N. M. M. I., Roswell, New Mexico
EARL S. BULLOCK, JR101 Lawton Boulevard, Toronto, Ontario, Canada
THEODORE R. BULLOCK 62 Adams Ave., West, Detroit, Michigan
DURWARD BELLMONT CLARKEc/o Mr. W. E. Clarke, Gallup, New Mexico
PERRY DAVISCivil Engineer, 6703 Lakewood, Dallas, Texas
ROBERT H. ERSKINE1704 Calhoun Street, New Orleans, Louisiana
ABE GOLDSMITH Box 472, Walsenburg, Colorado
FREDERICK LESLIE HARDISON1019 Hales Building, Oklahoma City, Oklahoma

JACK T. LOGAN	Auto Salesman, 1528 Broadway, Fresno, California
	Address Unknown
	Instructor, N. M. M. I., Roswell, New Mexico
J. BRIAN STRATION	Box 794, Baytown, Texas Language Box 794, Baytown, Texas Language Box 794, Baytown, Texas
GEORGE W. EVERGO	500 Fifth Avenue, R. 1724, New York City
CHARLES S. WISE	Salesman, 124 Potrero Avenue, Nogales, Arizona
	1924
	1613 Sixth Street, Corpus Christi, Texas
	228 West Washington, McAlester, Oklahoma
WILLIAM LOUIS BELL	c/o Edward Bell, Oak Creek, Colorado
KENNETH L. BOLLER	Deceased
	Instructor, N. M. M. I., Roswell, New Mexico
	Box 1354, Hurley, New Mexico
	E, JR1219 West Colorado Ave., Colorado Springs, Colorado
LOLA T. GODFREY	Instructor, N. M. M. I., Roswell, New Mexico
A. JAMES GORDON	Box 58, McAlester, Oklahoma
ROBERT BOND GRIFFIN	605 Cottonwood St., Burkburnett, Texas
	c /o New Bismark Hotel, Chicago, Illinois
	Wisconsin Methodist Hospital, Madison, Wisconsin
	319 Grande Avenue, Clovis, New Mexico
	Banker, Hotel Biltmore, Los Angeles, California
	1619 Tyler Street, Amarillo, Texas
	2nd Lieutenant, U. S. Flying Squadron,
	Marine Corps, San Diego, California19412 Winslow Road, Shaker Heights,
	Cleveland, Ohio
MYRON SIDNEY PRAGER	Bookkeeper, Box 527, Roswell, New Mexico
LEWIS KENNETH RHODES	2018 Greenleaf Avenue, Chicago, Illinois
HENRY W. RIGGS	Marine Barracks, Bremerton, Washington
	c/o Evans Wallower Company, East St. Louis, Missouri
DAN C. SIMPSON	c/o Mrs. J. A. Simpson, Corona, New Mexico
FREDERICK EMMETT SMITH	750 Jackson Road, Baton Rouge, Louisiana
JAMES F. SMITH, JR.	419 Bernhardt Building, Monroe, Louisiana
WAYNE BERGEY WAGER	3-B Gibson Terrace, Cambridge, Massachusetts
WILLIAM BARNES WOODS, JR.	Box 215, Holbrook, Arizona
	1925
WALTER ROBERTSON AGEE	First Lieutenant, Air Corps,
THOUGH AT BRIGHT AND THE	Chanute Field, Rantoul, Illinois
	472 Auburn Avenue, Buffalo, New York
MATTHEW CARTWRIGHT	2nd Lt., F. A., Ft. Stotsenberg, Philippine Islands Box 33, Terrell, Texas
THOMAS SHELBY CHAPMAN, JR.	601 South Second, McAlester, Oklahoma
JOHN SODERSTROM CLARK	Valedon, New Mexico
	135 East 14th Street, Fond du Lac, Wisconsin
	JRSuperior, Arizona
	General Delivery, Aransas Pass, Texas
	Bisbee, Arizona
JAMES F. GARDENHIRE	7118 El Prado Street, Riverside, California
ROBERT JAMES LANDES	218 West Washington, McAlester, Oklahoma
	Chemist, 1620 Neches, Beaumont, Texas
PAUL LITTLESalesman	a, 5314 1-2 Sunset Blvd., Los Angeles, California
SEBRE MILTON LOWELL	710 College Avenue, Tempe, Arizona

1929—CONTINUED
PAUL M. McDONALDc/o A. B. McDonald, 511 North Fourth, Albuquerque, N. M.
PERRY CONNOLLY MAXWELL Hamilton, Texas
JUDD MILLER1215 Third Street, Corpus Christi, Texas
JOHN MINTONBox 768, Roswell, New Mexico
FRANK WALTER NEAL2701 Louisiana, El Paso, Texas
BAILEY HAYDEN NEWLEE, JRBox 931, Taft, California
W. RUSSELL NUNNELEE431 East Twelfth Street, Bonham, Texas
ROY ARTHUR PAYNE728 East Miami, McAlester, Oklahoma
WILLIAM DRUMMOND RADCLIFFE, JRBelen, New Mexico
JOHN PERCIVAL SEARLSc/o Mrs. J. W. Searls, Athens, Texas
FLOYD P. SHAWBox 1728, Pampa, Texas
FREDERICK CROCKER SMITH, JR2230 Tangley Road, Houston, Texas
FRANCIS T. SOMERVILLE1740 Leyden Street, Denver, Colorado
HAROLD E. STRICKLER844 North Jackson Street, Casper, Wyoming
TRAVIE WILSON STRICKLIN, JRBox 82, Clovis, New Mexico
ELTON W. TINKLE Box 494, Corsicana, Texas
ALFRED CARVER TORBERT3401 Avenue O, Galveston, Texas
EUGENE HORTON WHITEInstructor, Stephen F. Austin State Teachers
College, Nacogdoches, Texas
ROSS G. WILDER, JR2380 Liberty Avenue, Beaumont, Texas
1926
GRANT SHERMAN ANDERSON406 North Sunset Boulevard, Tujunga, California JOHN WELLS ATWOOD, JR3820 Miramar Avenue, Dallas, Texas
EUGENE BELL BACA142 West Santa Fe Ave., Santa Fe, New Mexico
GEORGE GORDON BAIN
WILLIS USSERY BARNESCamargo, Oklahoma
HUGH LOWRY BASS
WILLIAM FREDERICK CARVELL, JR
WILDIAM FREDERICK CARVELIA, JR
2325 West 18th St., Wilmington, Delaware BURT WALTON CHRISTIAN, JR519 North Morton, Okmulgee, Oklahoma
GEORGE ROBERTSON CLARK, JRState National Bank, Corpus Christi, Texas
WHICH WILL OHICKEY CLARY
HUGH WILLOUGHBY CLARY208 West Eighth, Los Angeles, California
THOMAS VESTAL COFFIN, JRHope, New Mexico THOMAS RULAND DALY713 Heights Boulevard, Houston, Texas
ROBERT EDWARD DAUGHTRYBox 802, Roswell, New Mexico
ELWOOD GARLAND DeYOE416 South Jefferson, Wellington, Kansas
WILLIAM EARLY DOWNINGNo. 11 York Court, Baltimore, Maryland
ELMER FRANCIS EGUESTON
ELMER FRANCIS EGLESTONc/o Presbyterian Hospital, Chicago, Illinois ALAN McGARY GILLESPIE, JR555 Crawford Street, Nogales, Arizona
ROBERT ALFRED HARRIS926 Ash Street, Waukegan, Illinois
HARRY GORDON HEANEY5558 Kimbark, Chicago, Illinois
CHARLES E. JACOBS411 South Pennsylvania Avenue, Mangum, Oklahoma
ROBERT LEE KNIGHT, JR331 B, Indiana Avenue, Venice, California
LEWIS EDWARD LEONARDBox 174, Miranda City, Texas
JAMES GUNN LUMPKIN1100 Tyler Street, Amarillo, Texas
ELLSWORTH WARREN McROBERTS560 Blue Lakes Blvd., Twin Falls, Idaho
GEORGE MARTIN MEGICA828 North Lafayette Park Place, Los Angeles, Calif.
HENRY MAX MILLEREngineer, 919 Grand Street, Clovis, New Mexico
THOMAS L. MULLICANLevelland, Texas
WALTER ANDREWS NICHOLAS, JRc/o Mr. Lindsey Smith,
Rural Route No. 2, Kansas City, Kansas
EDWARD HARRISON POST, JRBox 1335, Stanford University, California
DONALD WOODRUFF ROSERancher, 322 East Live Oak St., San Gabriel, Calif.
HAROLD BENJAMIN SNELL801 North Second, Albuquerque, New Mexico

FRANK HILL STONE	Panhandle, Texas
WILLIAM HOMER STONEROOK	c/o Mr T N Savola Garner Towns
ALRERT W Von NYVENHEIM	Deceased
	216 Ardis Building, Shreveport, Louisiana
CLYDE JEFFERSON WATTS	
WILLIAM D WILLIAMS	Delta Tau Delta House, Norman, Oklahoma 5590 Pershing Drive, St. Louis, Missouri
DENIAMINE WITTE ID	D F Wills 200 Males Ct Die Craine Torres
I ADOLDE WILCOM	B. F. Wills, 200 Nolan St., Big Spring, Texas 112 West Second Street, Roswell, New Mexico
J. ADOLFH WILSON	112 West perond Street, Moswell, New Mexico
19	927
JOHN SMITH BELL	c /o N. M. M. L. Roswell. New Mexico
WILLIAM NATHANIEL BODE	c/o N. M. M. I., Roswell, New Mexico Route 2, Whitehall, Michigan
WALTER M. BREATH	1213 25th Street, Galveston, Texas
EPPES WAYLES BROWNE, JR.	Student Harvard School of Rusiness
Mello	n C 37, Soldiers Field, Boston, Massachusetts
	1770 Lombard St., San Francisco, California
	70 Riverside Drive, Berea, Ohio
GLEN C CHOATE II S Dont of I	abor, Immigration Service, Phoenix, Arizona
ROBERT MANTON COOPER	Olney, Texas
WILLIAM TAMES CODMACK 91	4 South Williams Street, El Reno, Oklahoma
	University of Mississippi, Oxford, Mississippi
	214 East Gaud, McAlester, Oklahoma
VARIANT DISCAM CONTRACTIANS	Abbott Laboratories, North Chicago, Illinois
NET CON ET DED DANIER CON	Abbott Laboratories, North Unicago, Illinois
TAMES DAKED DATISTING	c/o Mr. N. F. Danielson, Boone, Colorado
DUNI LEE DAVIG	Route 2, Corpus Christi, Texas
	Deceased
	Mt. Hope Avenue, Providence, Rhode Island
	_922 Eighth Street, Las Vegas, New Mexico
BUILDING REMARKS	Judson School for Boys, Phoenix, Arizona
KILLI KENNETH EDWARDS	211 South High, Albuquerque, New Mexico
	Federal Trade Commission, Washington, D. C.
DALBY D. GARRESON	Box 773, Roswell, New Mexico
RALPH B. GARRETSON	Teacher, Alamogordo, New Mexico
SYDNEY JUSEPH GRAHAM	3317 Harrison, Oakland, California
WILLIAM EARL HARPERc/o Hum	ble Oil & Refining Company, Houston, Texas
JAMES EDWARD HENDERSON, III	6 Walter Hastings, Cambridge, Massachusetts
HARRY H. HITCH	475 Beverly Drive, Beverly Hills, California
PHIL HOWARD HOAG	Box 965, Jennings, Louisiana
	Deceased
WILLIAM GRIFFITH JOHNSON	
TACK THE DESIGN TAKEN TO	S. A. E. House, Norman, Oklahoma  Box 776, St. Francis, Arkansas
MADION TANK ID	Box 776, St. Francis, Arkansas
MARIUN LAW, JR.	806 Ellendale Place, Los Angeles, California
W. MYRON MCCORMICK	Maryland Theatre, Baltimore, Maryland
JOHN ALEXANDER McDOUGALL	
DICHADD IN MATADDY	Malin, Oregon 3517 Drexel Drive, Dallas, Texas
HADMON DEDNIADD MANNING	
A DATE MITTED	Box 318, Taos, New Mexico300 West 27th Street, Austin, Texas
EDNIEGO TADALD MILLS	
DONALD E MONDOE	c/o Mr. E. A. Mills, Bristow, Oklahoma
CHORGE E MONDOE	1601 East Court Street, Beatrice, Nebraska 1601 East Court Street, Beatrice, Nebraska
TARKI SWITZER NUYES	1342 Phillips Ave., Dayton, Ohio
L. BERNARD O'CUNNUR	723 Elm, Beverly Hills, California
KUBERT CLARK OLIVER	1413 Fourth Street, Corpus Christi, Texas

1921—CONTINUED
JOHN CHARLES ROLLANDc/o Mr. F. C. Rolland, Alamogordo, New Mexico
JAMES H. ROTHROCK, JRLieutenant, Air Corps Reserve, France Field,
Canal Zone, Panama
EUGENE CALDWELL SAUNDERSc/o Southwestern Public Service
Company, Roswell, New Mexico
MOYERS SIDNEY SHOREc/o Mrs. Florence Shore, San Jon, New Mexico
ELTON BROWN SHORTLEY3620 Ingersoll Avenue, Des Moines, Iowa
J. BERRY STAPPBox 676, Las Vegas, New Mexico
FOSTER C. TOWNSENDLieutenant, Air Corps Reserve,
910 South Orange Grove Ave., Los Angeles, California
FRANCIS E, WEAVERc/o Mr. E. H. Weaver, Carlsbad, New Mexico
910 South Orange Grove Ave., Los Angeles, California FRANCIS E. WEAVERc/o Mr. E. H. Weaver, Carlsbad, New Mexico GEORGE P. WILLISEl Campo, Texas
1928
AUGUSTUS EMIL ANDERSON, JR472 Auburn Avenue, Buffalo, New York
WILLIAM ISIDORO ARMIJO217 Santa Fe Ave. Santa Fe New Mexico
WILLIAM MARTIN ARMSTRONG205 Emerson Street, Palo Alto, California
JOHN BERRY ATWOOD A07 Pile Clovic New Marian
JOHN EDWARD BEEMANElida, New Mexico
RHEA KEITH BLAKELYFrench, New Mexico
F. BOYNTON BUTLER, JR9 State Street, New York City
CFORCE HOWARD CARDINE
GEORGE HOWARD CARDIFF302 Mohawk Drive, Scotia, New York
ROBERT LIONEL CARDIFF22 Wood Street, Santa Cruz, California
PETER MARSHALL CHASEBox E, Lordsburg, New Mexico
WILLIAM LAWRENCE COOK, JR238 Hathaway Avenue, Houston, Texas
HAROLD ATWOOD COPPEDGE211 North Washington, Roswell, New Mexico
GORDON THEODORE DAUN125 Portage Avenue, Sault Ste. Marie, Michigan
THOMAS WILLIAM DAVENPORTBox 308, Bastrop, Louisiana
BRYON EMMETT DERINGTON Hunnewell, Kansas
FRANCIS ARCHIBALD DOUGLASS, JR848 West 36th St., Los Angeles, Calif.
DONOVAN WILEY GEORGEBox 241, Shreveport, Louisiana
FRANK COLBY GUTHRIE601 West Twenty-fourth, Austin, Texas
WILLIAM JENNINGS B. HECKBox 396, Cimarron, New Mexico
ROBERT LOUIS HIGINBOTHAM
WILLIAM MACAULAY HILL Hannan Branch Y. M. C. A., East
Jefferson, Detroit, Michigan
THOMAS JACKSON HUBBARDStudent, New Mexico A. & M. College,
State College, New Mexico
JOHN HAISLIP HUDSPETH3612 Wesley Street, Greenville, Texas
ROBERT PHILIP ISAACSR. W. Isaacs Hardware Co., Clayton, New Mexico
NORMAN D. JARRELL523 Tenth Street, Galveston, Texas
JOE JUSTIN JOHNSON Deceased
HAROLD LEE JONESProduce Business, 5410 Roscoe Street, Dallas, Texas
LOYLE EUGENE KLINGER ROY 897 Odesse Toyles
BRUCE MILLER KNOXClark's Dollar Store, 215 North Brand, Glendale, Calif.
JOHN CHARLES LEYYreka, California
JOHN SEBASTIAN LITTLEMcAlester, Oklahoma
TIONET CRANT M.CDAY
LIONEL GRANT McCRAY Shiprock, New Mexico
MELVIN CURTIS McGEE729 West 22nd Street, Oklahoma City, Oklahoma
JOHN RONALD MacLEAN306 West Sixteenth Street, Pueblo, Colorado
PHILIP MANTOR1118 Seventh Street, Taylor, Texas
CHARLES PATRICK MARTIN IR Widlend Towns
HORACE MOSES, JR. Gamero New Mexico
LERUY CLARK MOUNDAYTokay. New Mexico
PAUL WENDELL MURRAY 205 Emerson Street Pala Alto California
JOHN ST. CLAIR PEARSON
GROSS ARNOLD PELZERBox 998, Tucumcari, New Mexico
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1928—Continued
WILLIAM WILSON PHILLIPS, JRStudent, University of Kansas,
1201 West Compus Pand Lawrence Vanges
AUSTIN PORTER Box No. 7. Morriston, Florida
CHARLES FRANKLIN PURDYBox 1067, Raton, New Mexico
JAMES KNEELAND RICHARDSONStudent, Missouri School of Mines.
Rolla, Missouri
HARRY BOON SCHUBECK4300 Walker Street, Houston, Texas
WALTER GRAYDON SCOTTLawyer, Idabel, Oklahoma
THOMAS MATHES SEAY8 Enfield Road, Austin, Texas
FREDERICK JOHNSTON STEVENSON3040 Wheeling Street, El Paso, Texas
SAMUEL ARTHUR SUTTONMagnolia Apartments, Brawley, California
BENJAMIN ELLIS TERRYStudent, Colorado School of Mines, Golden, Colorado
PATRICIO EDUARDO TRUJILLO Hill, New Mexico
WILLIAM ALBERT von UNWERTH402 South 13th Street, Muskogee, Oklahoma
JAMES MAXWELL WALKER301 South Grand Avenue, Gainesville, Texas
LOUIS HENRY WATERSRoy. New Mexico
GEORGE THOMAS WATTSLawyer, 306 South Kentucky, Roswell, New Mexico
GEORGE ESTEP WEBSTERStudent, Stanford University, California
ERASMUS WILSON WILLIAMS Hope New Mexico
WILLIAM PAGE WILSON208 North Missouri, Roswell, New Mexico
WILLIS GUS WINTERBox 498, Roswell, New Mexico
J. R. WOODFILL, III601 Cascade Avenue, Boulder, Colorado
1929
SAMUEL ALDRIDGEStudent, University of Texas, Delta Theta
Phi House, Austin, Texas
HERMAN MAY ANDREAS, JR105 North Stanton, El Paso, Texas
HARRY ROBERT ARCHERBox 30, Corpus Christi, Texas
ROBIE BEAN14 Pine Place, Santa Cruz, California
RICHARD ALFRED BEARMANBox 164. Cisco. Texas
RUFFIN SANSING BIARDBox 1067, Plainview, Texas
OSCAR LAFAYETTE BOCOCK1135 Broadway, Boulder, Colorado
JACK ROBERT BOTTERILLStudent, University of Colorado,
1400 Broadway Roulder Coloredo
LYLE EUGENE BRADSHAW4407 North Military, Oklahoma City, Oklahoma
GUY REED BRAINARD, JRStudent, Louisiana State University,
P. O. Box 601. Baton Rouge, Louisiana
FREDERIC WILDER BROOKS, JRStudent, U. S. Naval Academy, Annapolis, Md.
WILLIAM EDWIN BUSH920 First Street, Woodland, California
PHILIP DOW COOLEY320 Hinkle Street, Clovis, New Mexico
GIBSON BARNES COOPERStudent, Iowa State University,
2322 Lincoln Way, Ames, Iowa
JAMES SCREVEN COOPERGeneral Delivery, Carlsbad, New Mexico
WILLIAM LAUSEN COX Box 863, Orange, Texas
MILES HENRY CURETONWilliams, Arizona
GEORGE ALLEN DAVISSON, JRN. M. M. I., Roswell, New Mexico
WILLIAM FREDERICK DIXON220 Avondale Avenue, Houston, Texas
JACKSON DOUGHERTY340 Hotel Alameda, Alameda, California
HARRY RICHARD DOUGLASDexter, New Mexico
WILLIAM MONTE DRITTStudent, University of Arizona,
843 East Third Street, Tucson, Arizona
JAMES PERRY EARICKSON, JR409 North Pennsylvania, Roswell, New Mexico
DONALD BUFORD EDWARDSStudent, Rice Institute, 304 West Hall,
Houston, Texas
ROBERT ALDEN GLINES 21 Riverview, Beverly, Massachusetts
EDWARD FREDERICK GREER1025 Kenwood Avenue, Houston, Texas
HUBERT SLOCUM HARVEY224 Hathaway Avenue, Houston, Texas

1)2) 3311111122
FRANK McCARTHY HEWSON, JR912 Gladstone Blvd., Shreveport, Louisiana
OKEY KENNETH HICKMAN757 Kirby Place, Shreveport, Louisiana
EDWARD WADE HOFFMANStudent, Southern Methodist University,
3615 Asbury, Dallas, Texas GEORGE LESLIE HORSMANSulphur, Oklahoma
GEORGE LESLIE HORSMANSulphur, Oklahoma
KENNETH HENRY HUMPHREY3121/2 West 84th Place, Los Angeles, California
CARL HOPKINS HUNT3828 Mockingbird Lane, Dallas, Texas
GEORGE THOMAS INGE, JRGarden City, Kansas
ALFRED HILL JOHNSON, JR. N. M. M. I., Roswell, New Mexico
HOWARD EDWIN JOHNSTON, JR757 S. New Hampshire, Apt. No. 402,
Leon D. Kattache727 Main, Houston, Texas
HOBART LEWIS KIRKPATRICKStudent, Louisiana State University,
Box 601, Baton Rouge, La.
WILLIAM NOBLE KIRKPATRICK4011 Pershing Drive, El Paso, Texas
ANTHONY FRANK KLEITZ, JRU. S. Military Academy, West Point, New York
ROY IRVING LOCHHEAD, JRStudent, University of New Mexico,
Albuquerque, New Mexico
JAMES LOWNDES100 West University Parkway, Baltimore, Maryland
JOE BRAXTON McKINLEYStudent, University of Oklahoma,
640 Elm, Norman, Oklahoma
ALLEN McREYNOLDS, JRc/o Hendricks-Laws Sanitorium, El Paso, Texas
GEORGE IRWIN MacWHORTER220 West Yandell, No. 6, El Paso, Texas
LOREN COLEMAN MATTHEWSStudent, University of New Mexico,
Boys Dormitory, Albuquerque, New Mexico
CULLUS MORGAN MAYESSpavinaw, Oklahoma
ARCHIBALD de NORVILL MEYERBox 1487, Carmel, California
HENRY de NORVILL MEYER
CECIL A. NICHOLS, JR
JEROME BEASEAU O'CONNOR723 Elm, Beverly Hills, California
WILLIAM LOUIS PARKERStudent, University of Texas, Austin, Texas
EDWARD PATTERSON PAUL406 San Francisco St., Santa Fe, New Mexico
DANIEL CECIL PEARSON, JRLieutenant, Air Corps Reserve,
5242 Magnolia Street, Riverside, California
EDWARD PARKER PENFIELDN. M. M. I., Roswell, New Mexico
HORACE A. T. PORTERApache Creek, New Mexico
JOSEPH ALBERT POSZ518 Santa Fe Avenue, La Junta, Colorado
JOHN A. RAKESTRAWStudent, University of Texas, S. A. E.
Fraternity House, Austin, Texas
Fraternity House, Austin, Texas OLIVER CLEVE SEITZMiami, Texas
RALPH JOHN SELLMEYERCarlsbad, New Mexico
DOUGLAS BEASLEY STONE1114 Guaranty Bldg., Hollywood, California
ROGER WAYNE THOMPSONPlano, Texas
ALFRED WASHINGTON TOLLESONEufaula, Oklahoma
WILLIAM EDWIN WALLACE, JR717 Kirby Place, Shreveport, Louisiana
GEORGE LITTLEFIELD WHITE200 North Lea Avenue, Roswell, New Mexico
PEYTON HENRY WHITEc/o Mississippi Power Company, Laurel, Mississippi
THOMAS DAVID WHITEc/o Ball & White, Roswell, New Mexico
DOUGLAS RUSSELL WISERRoute 1, Box 1155, Downey, California
JOSEPH WOODALLColfax, Louisiana
1930
DAVID MANNING ACKERMANBox 708, Roswell, New Mexico
GEORGE SHERWOOD BAKER, JR3341 Rowena Ave., Los Angeles, California
GEORGE HENRY BATESBox 81, Amarillo, Texas
GLENN GLADSTONE BEBB1227 Fifteenth Street, Douglas, Arizona
CI ENIN CIDCON DODDITT

1900 CONTINUED
ROBERT DAWSON BURNETTEAltavista: 32, San Angel, Mexico, D. F.
STANLEY ROGER CARPERArtesia, New Mexico
DONALD FREDERICK CHAMPIONBox 986, Ranger, Texas
PLATT HERRICK CLINE1816 Palmeroft Drive, Phoenix, Arizona
TALIAFERRO WARE COLLINSChanning, Texas
WILLIAM A. COLLINS, JR2919 Grant, El Paso, Texas
HARRY W. COOPERBox 505, Carlsbad, New Mexico
CHESTER EUGENE CORDELL412 North Hinckley, Holdenville, Oklahoma
POE W. CORNStudent, University of New Mexico,
c/o Kappa Sigma House, Albuquerque, New Mexico
WILLIAM JOSEPH COURCHESNEBox 200, El Paso, Texas
JOSEPH WILLIAM CROMWELLBox 1215, Muskogee, Oklahoma
WILLIAM FRANK CURRANStudent, Washington University, St. Louis, Missouri
MAX FLOYD DERINGTON Hunnewell, Kansas
ALTON JOSEPH DEUTSER338 Bay State Road, Boston, Massachusetts
JOHN BENTON DUDLEY, JR224 West 19th, Oklahoma City, Oklahoma
THOMAS JOSEPH DUGAN, JRc/o Shoreham Investment Company,
Shoreham Building, Washington, D. C.
LEE FRANK FERRELLStudent, University of Arizona, Tucson, Arizona
WILLIAM NELSON FINK, JR4207 Chester Ave., Apt. 204, Philadelphia, Penn.
MILTON FRERK 3655 North Harding Avenue, Chicago, Illinois
LESLIE HORACE GEISINGER 6102 Carpenter St., Philadelphia, Pennsylvania
FRANK GILCHRISTStudent, University of Colorado,
MILLS GILLESPIE
Cuidad Obregon,, Sonora, Mexico CHARLES ANDREW GRISSOMLevelland, Texas
NED HOWELL HANAWALDStudent, University of Colorado,
1505 University, Boulder, Colorado
ROBERT KERMIT HILLStudent, University of New Mexico, Albuquerque, N. M.
WALTER WILLIAM HUNZICKER, JR Student, Washington & Lee University,
Box 84, Lexington, Virginia
CHARLES JEPHTHAH JEFFUSCadet, U. S. Military Academy,
West Point, New York
FRANK JAMES KELLETT4227 La Luz Street, El Paso, Texas
DONALD ANDERSON KELLY Box 805, Palo Alto, California
RICHARD DANIELS KELLYBox 805, Palo Alto, California
FRANK CASPER KUGLER, JRRoute 2, Box 284, San Bernardino, California
RAYMOND CHARLES LACKLANDc/o Lone Star Motor Company, El Paso, Texas
LOWELL JOHN WILLIAM LAMMERSStudent, Massachusetts Institute
of Technology, Cambridge, Massachusetts
JOE JAMES LANE, JR312 North Missouri, Roswell, New Mexico
DONALD NICHOLSON LEMMONBox 1342, Tucumcari, New Mexico
CLARENCE RALPH LETTEER, JRStudent, University of Texas,
2204 Nueces Street, Austin, Texas
WILLIAM SHELBY LIVINGSTONStudent, University of Oklahoma,
Delta Chi House, Norman, Oklahoma
WILLIAM EDWARD LOBITBox 25, Dickinson, Galveston County, Texas
CLYDE ARTHUR MARTIN, JRStudent, University of Oklahoma,
818 Monnett Avenue, Norman, Oklahoma
RICHARD WILLIS MARTINDurango, Colorado
RUSSELL ELLSWORTH MAY403 North Volustia Avenue, Wichita, Kansas
THOMAS ELDRIDGE MEARS, JRStudent, Washington & Lee University,
Box 311, Lexington, Virginia
JOHN AUGUSTUS MEHLHOPStudent, New Mexico A. & M. College,
State College, New Mexico ERVIN WILLIAM MITCHELL, JR700 South Kentucky, Roswell, New Mexico

FRANKLIN ELLIS MOOREStudent, Louisiana State University,
Box 601, Baton Rouge, Louisiana
HERBERT GODFREY MORRISONStudent, University of Oklahoma,
731 De Barr Street, Norman, Oklahoma
RICHARD EARL MORRISONWest Plains, Missouri
HORACE ALLEN NAILBox 850, Clarksdale, Mississippi
PHILIP ASHTON NORRIS, JRAda, Oklahoma
PAUL DAVID PUGHStudent, Louisiana State University, 913
Monrovia Avenue, Baton Rouge, Louisiana
WALTER WARRINER REED, JR348 Kinnear Place, Seattle, Washington
DANIEL FRANKLIN CARTER REEVES, JR208 Public Square, Nashville, Tennessee
RAYMOND EDWARDS RHODESGraham, Texas
THOMAS MERIWETHER RICHARDSON, III3119 Classen, Oklahoma City, Okla.
MARION MANSFIELD ROLANDStudent, University of Oklahoma,
Kappa Sigma House, Norman, Oklahoma
MARION SANSOM, IIIBox 163, Route 6, North Fort Worth, Texas
HAROLD E. SCOFIELD97 North University St., Peoria, Illinois
COURTNY SLACK318 First National Bank Building, Albuquerque, N. M.
LEONARD EMMETT SMITHStudent, University of Arizona,
S. A. E. House, Tucson, Arizona
NED STARKEY1307 Loraine, Austin, Texas
WILLIAM ALFRED STATON1910 Austin Avenue, Waco, Texas
ROBERT YOUNG TALIAFERRO, JRStudent, University of Kansas,
Lawrence, Kansas
LUTHER ALLEN TILLOTSONStudent, University of Colorado,
620 Twelfth Street, Boulder, Colorado
RICHARD WILDE WALKER, IV2717 Quarry Road, N. W. Washington, D. C.
WILLIAM HAYFORD WARRENStudent, University of Oklahoma,
Kappa Alpha House, Norman, Oklahoma
ROBERT CHAPIN WATERMAN725 53rd Street, Des Moines, Iowa
DESHLER WHITING341 Brahan Boulevard, San Antonio, Texas
EUGENE WILKINSONHouston Oil Company of Texas,
P. O. Box 1779, Houston, Texas
CARL HENRY WILLMAN3405 Park Boulevard, San Diego, California
JACK MILLER WOODALL 4221 Versailles Avenue, Dallas, Texas

# CONDUCTED BY

NEW MEXICO MILITARY INSTITUTE

# CARRIZO CAMP AND SUMMER SCHOOL

Lt. Colonel E. L. Lusk, Director

IN THE WHITE MOUNTAINS NEAR ROSWELL, NEW MEXICO

# Carrizo Camp and Summer School

#### Location

New Mexico Military Institute maintains a camp and summer school in the White Mountains about eighty miles west of Roswell. It is situated in a broad, wooded ravine beside Carrizo Creek, a branch of the Ruidoso. Near the camp are the Mescalero Indian Reservation and the Lincoln National Forest.

### Living Conditions

A more healthful summer camp could scarcely be found. The elevation of seven thousand feet, sunshiny days and cool nights, combine to produce an invigorating climate. The water supply comes from one of the largest springs in New Mexico and never varies in purity or volume. Water is piped from the spring to the camp and flows entirely by gravity, the fall being sufficient to give high pressure in the building. The spring water is also the source of the water supply for the swimming pool.

Good, substantial food is prepared under the direction of one of the regular Institute cooks. Plenty of milk and an abundance of fresh fruit and vegetables are secured from the surrounding mountain farms.

The camp is located about three miles from the Ruidoso summer colony, where medical attention is easily and quickly available if needed.

The main building is very substantial and practically fireproof. The first story is constructed of rock and the second of stucco; the inner walls are plastered. On the first floor are located the large dining room, the kitchen and the showers. Upstairs are the dormitories. Here also is the large, attractive living room, where many happy hours are spent. The building is supplied with hot and cold running water, heated by a hot air furnace, and lighted by electricity.

Near the main building is a classroom building of similar construction containing eight rooms. Its general equipment is adequate for the needs of the courses offered.

### Academic Work

Each boy is allowed to do academic work in one subject, although there is no requirement that he do so. With the exception of laboratory sciences, classes in the customary high school subjects are offered. Special arrangements may be made for tutoring in grammar school studies in preparation for high school entrance. Since there are thirty-six weeks in the academic year, it is possible in an eight-weeks' course to take work in only one subject or in two half subjects. As classes meet eighty-eight times during the eight-weeks' period, the student is able to do work that compares favorably with that done in the ninety recitations of an ordinary high school semester. High School units earned at Carrizo Camp are accepted by New Mexico Military Institute.

#### Instructors

The teachers are chosen from the staff of the New Mexico Military Institute. In addition to his academic duties, each instructor directs and supervises some athletic or recreational activity. Some instructors take groups on special trips to points of interest, while others organize and direct games at the camp. In this way, the instructors act both as teachers and counselors and are able to lead and supervise both work and play. Instructors are chosen who are interested in boys and in the out-of-doors.

#### Activities

Each afternoon is devoted to healthful outdoor exercises. Boxing, basketball, volley-ball and swimming are popular sports.

Horses are provided for those who wish to secure skill in horse-manship or to enjoy an afternoon gallop. Trips to the twelve-thousand-foot summit of Baldy are thoroughly enjoyable; a horse-back trail runs from Camp to the summit. Angling enthusiasts may find ample opportunity to exercise their skill in the challenging mountain streams. Special trips are arranged to nearby points of interest.

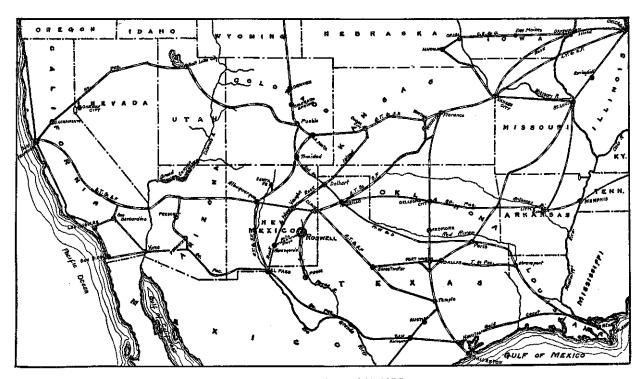
Social life outside the camp is available at the summer colony on the Ruidoso, three miles away. Here, upon special leave, boys may be allowed, if conduct warrants, to join in various social activities.

## Requirements for Admission

Applicants for admission to Carrizo Camp must be at least ten years of age, of good moral character, and free from infectious disease. The school reserves the right to reject any applicant, or to request the withdrawal of any boy who does not conform to the rules and requirements of the camp.

# Carrizo Camp Catalog

A bulletin giving more detailed information in regard to the camp, the daily schedule, a list of articles to be brought to camp, as well as other facts of interest to anyone selecting a camp or summer school, may be secured from New Mexico Military Institute, Roswell, New Mexico.



HOW TO REACH ROSWELL

The principal railroad connections for Roswell are indicated on page twenty of this catalog.

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Note: A book of views giving a general idea of the grounds, buildings and student activities will be mailed upon request.

# HEADQUARTERS, NEW MEXICO MILITARY INSTITUTE Roswell, New Mexico

July 1, 1932

#### Memorandum to Patrons:

The Board of Regents of New Mexico Military Institute has authorized a reduction of \$50 on the fixed charge for the session of 1932-33. This, together with the decrease in the price of uniforms, clothing, and other personal equipment, will make a total reduction of at least \$100 for the session of 1932-33, as compared with the costs for the session of 1931-32.

I am making this announcement now rather than at the opening of school because I think this information will assist you in making financial arrangements for your son for the coming session.

> D. C. Pearson, Superintendent