



Colorado  
Agricultural  
College  
Bulletin



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FORT LEWIS SCHOOL  
CATALOG NUMBER  
1932-1933

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# The Fort Lewis School

OF THE

## Colorado Agricultural College

CATALOG 1932-1933



La Plata Valley

## IMPORTANT EVENTS AT FORT LEWIS

July 1, 1932, to July 1, 1933

Opening of First Semester.....	Tuesday, September 6
Thanksgiving Vacation.....	November 23 to 28
Christmas Vacation.....	December 16 to January 2
Close of First Semester.....	January 20
Opening of Second Semester.....	January 23
Spring Vacation.....	March 24 to April 3
Picnic for San Juan Basin High-School Seniors.....	May 12
Close of Second Semester.....	June 2

## FORT LEWIS FACULTY

Lory, Chas. A.—Ped.B., B.S., M.S., LLD., D.Sc.....	.....
.....	President, Fort Collins, Colorado
Snyder, G. F.—M.S.....	Dean, Hesperus, Colorado
Bader, E. H.—B.S.....	Vice Dean and Science
McLain, C. W.—B.S., M.A.....	High School Principal, Physics
Alden, C. N.—B.A., B.Ed.....	Language and History
Dorsey, R. M.—B.S., M.A., Ph.D.....	Social Science
Dorsey, Mrs. R. M.—B.A., M.A., Ph.D.....	.....
.....	Dean of Women, Mathematics and Music
Farrow, M. L.—B.S.....	Chemistry
Hecker, Lena B.—A.B., M.A.....	Education
Madison, Leslie—B.S.....	High-School Mathematics
McFadden, Margaret—B.S.....	Typewriting and English
Walker, Ruth Ann—B.A., M.A.....	English and History
Wiest, Elizabeth—B.A., M.A.....	English and Language



Flowers Add Their Beauty

## FORT LEWIS SCHOOL OF THE COLORADO AGRICULTURAL COLLEGE

The Fort Lewis School is a part of the land grant college system of Colorado established thru the grant of 6300 acres of land of the former Fort Lewis Military Reservation and Indian School with all buildings and fixed equipment, by act of Congress, approved April 4, 1910. This act was accepted by the Eighteenth General Assembly of the state, and provisions made for the establishment of a School of Agriculture, Mechanic Arts and Household Arts in an act approved January 25, 1911, which provides that the "lands, buildings and equipment shall become and be a part of the Agricultural College system of the state, and shall be controlled and managed under the same laws, rules and regulations, by the State Board of Agriculture, as the Agricultural College at Fort Collins."

### School Located in Region Rich in Historical Interest

Fort Lewis is located in Southwestern Colorado in the beautifully wooded valley of the La Plata River at the foot of the La Plata mountains, 14 miles west of the city of Durango, the county seat of La Plata county. The School is within easy driving distance of Mesa Verde National Park and of the Aztec National Monument.

Fort Lewis is a high-class, co-educational boarding school, offering two years of college work in the arts and sciences basic for further study in Agriculture, Engineering, Home Economics and Education.

In cooperation with the Hesperus school district, a training school embracing work from the first-grade thru high school is maintained.



In the Library

Dormitories, dining hall, gymnasium, shops and buildings for instruction are modern, with steam heat and electric lights. The campus is spacious with beautiful lawns, flowers, trees and drives. Conditions for study and fine student and faculty relations are excellent.

The roads are good and the school accessible at all times. The bus that carries students from Hesperus to Fort Lewis has not missed a trip in four years and has never caused a student to be tardy.

Laboratories are well equipped, and supplied with all that the students need for good work.

#### Library, Auditorium and Gymnasium

The library is designed to serve the needs of faculty and students and is well supplied with the best reference works and well-selected books.

The stage in the auditorium is a real help to those interested in dramatics.

A modern gymnasium provides opportunity and incentive for every student to secure physical recreation to counteract the undesirable effects of sedentary life; and develop bodily vigor and vitality.

The miniature golf course, two concrete tennis courts, skating pond, ski and toboggan courses, baseball diamond and football field offer a variety of sports for all.

A bus is used for transporting football, basketball and baseball teams, and the orchestra and glee club.

The total cost of board, room, textbooks, stationery and fees is \$300 to \$350 a year, depending upon the course selected—this, for accommodations and equipment above the average and for instruction that is thorough, complete, individual and of high merit.

Moving pictures, parties, dances, plays, picnics and mountain trips provide wholesome recreation. Many students are members of the band, orchestra, glee club, dramatic club or other organizations while taking regular college work.

There is work for students, particularly in the fall and spring, and a number earn a considerable part of their expenses.

The Fort Lewis School offers two years of college work in Agriculture, Forestry, Engineering, Home Economics and Teacher Training.

### Registration

Tuesday, September 6, 1932, will be devoted to examination and registration. Students who fail to register on the dates set for registration may be charged an additional registration fee of \$5.00. Students may not register later than two weeks after the opening of college. A fee of \$1.00 is charged for changes requested by the student after registration.

### Requirements for Admission

Students are admitted either upon certificate from an accredited high school or upon examination. Certificates from schools not accredited will be considered as the merits of each case may warrant.

A transcript of the high-school record must be submitted before the time of registration. It is to the student's advantage to send this record as soon after high-school graduation as possible. In every case the record should be sent in early enough for the student to be notified as to whether his credentials are sufficient.

A Number of the Buildings as Seen from the Northeast





South End of Campus

Fifteen units are required for admission. A unit course of study is defined as a course covering a school year of not less than 35 weeks, with 4 or 5 (preferably 5) periods of at least 40 or 45 minutes each, a week. The 15 units for entrance are divided as follows:

Mathematics (Algebra, Geometry).....	2
English .....	3
Electives .....	10

It is recommended that students in their high-school work include 2 years of history and 2 of science. Of the 10 elective units permitted, not more than 6 may be presented in vocational subjects. Any student whose high-school preparation does not meet the above requirements may make a special application to the Committee on Admissions, which will consider each application upon its merits. Students over 25 years of age will be granted conditional entrance to college. Students from unaccredited high schools also may be required to pass one of the standard college-entrance tests. Students entering college without work in history will be expected to take additional work in college.

**A Credit Defined.**—One credit is given for one hour of lecture or recitation work a week, or two hours in a laboratory during one semester. Credit is also given for physical education on the basis of one credit a semester.

Fort Lewis is a branch of the State Agricultural College system. All credits for college work done at Fort Lewis are issued from the registrar's office at the State Agricultural College, Fort Collins, Colorado. From there



they may be transferred to other institutions. The State Agricultural College is a member of the North Central Association of Colleges and Secondary Schools.

### Scholarships at State Institutions of Higher Learning

Scholarships granted by the high-school authorities under the conditions approved by the state institutions of higher learning are honored by the Fort Lewis School.

### Grades

The lowest passing grade is D. All students who make a standing of F will be considered failed, and will have to take such subjects over again in class. Those making a standing of E will be considered conditioned and will be allowed one special examination before the subject is taught again, in which they may try for a passing grade. In cases of studies extending over more than one semester, the student, if he has a grade of E, may be allowed to continue with his class, but finally must make a grade of D in one special examination in each semester's work. If he falls below E in average at the end of a semester, he will be dropped from the class.

An "incomplete" or a "condition" not cleared before the subject is taught again will automatically become a "failure" and the subject must be repeated in class.

Any student who shall have a semester standing of "A" may be exempted from final examinations, and in that case his class standing shall be his semester average.

### Quality Points

In order to encourage students to do the best work of which they are capable with a limited number of credit hours, rather than undertake to carry a larger number of credit hours with a lower grade, the faculty considers not only the number of hours the student takes, but the grade received in the different subjects.

In order to do entire justice to the needs of the students, instruction is adapted to the students of average ability. Those who will devote their best efforts and do superior work will not only get more, but they will receive recognition for the same in quality points.

The grades and quality points given therefor are as follows:

A—Excellent (93 to 100)—3 quality points for each semester credit.

B—Good (85 to 92)—2 quality points for each semester credit.

C—Lowest satisfactory grade (77 to 84)—1 quality point for each semester credit.

D—Passing (70 to 76)—No quality points.

E—Condition or Incomplete (60 to 69)—Minus  $\frac{1}{2}$  quality point for each semester credit.

F—Failure (Below 60)—Minus 1 quality point.

### Absences and Excuses

Students are expected to attend all classes for which they are regularly registered. All work missed by students shall be made up at the option of the instructor. Unexcused absences will be counted as zero for the work missed. Excuses ordinarily will be granted only in cases of protracted ill-



Senior Day at Fort Lewis

ness or extended trips on strictly college activities. Excuses will be considered only upon petition on blanks provided by the dean. Said petitions must be filed with the dean within 2 days after the absence. The student and instructor will be notified of the action taken within 5 days after the petition has been filed. All other absences will be counted as unexcused.

Three tardinesses shall be counted as an absence. Tardiness of more than 15 minutes shall be counted as an absence.

Students who have been absent for more than 20 percent of the exercises in any one class are dropped from the class by the dean.

### General Regulations

Resident students are not permitted the use of automobiles, fire-arms, phonograph or radio sets on the campus. High-school students are not allowed to leave the campus without permission.

Transportation is provided at cost to and from Durango, Hesperus and other points.

Board, fees and tuition must be paid in advance. Board is paid one month in advance. Fees and other expenses are paid one semester in advance. Medical services and nursing are not supplied by the school except in emergency cases.

## College Expenses

*Board and room—2 in a room—for 9 months—\$25.00 a month each.....	\$225.00
Room without board—2 in a room—per month each.....	6.50
Change in room after first week.....	2.00
Evening study in own room instead of study hall, extra per month for lights .....	1.00
Athletic fees, each semester—no refund.....	2.50
Property deposit required of all.....	5.00
Key deposit.....	\$1.00 to 5.00
Laboratory breakage deposit in Physics and Chemistry.....	5.00
Textbooks—per year.....	from \$12.00 to 30.00
Non-resident fee, each semester, no refund.....	12.50
Registration fee, each semester, no refund.....	5.00
Tuition, each semester, no refund.....	15.00
Laboratory fees stated in write-up of each laboratory subject .....	\$1.00 to 5.00
Late registration.....	5.00
Failure to pay fees and board when due .....	2.00
Change in registration.....	1.00

None of the fees cover transportation, hospital services, medicines, bandages, extra lights, power, laundry, use of typewriters, etc.

The tuition fee authorized by the State Board of Agriculture takes the place of the former student activity fees.

Students desiring to prepare for registering in Veterinary Medicine at the Colorado Agricultural College may take their pre-veterinary college year at Fort Lewis by satisfactorily completing the first year work either in Agriculture or Forestry.

\*There is no reduction in board for an absence of fewer than four days. Board, room and other charges are due on the first day of each month. Prices of board, as given above, may be returned to last year's level in January 1933, if prices of meat, dairy and other products raise to the 1930-31 level.

The Office, Men's Dormitory, Dining Hall, Science Hall



### Course in Agriculture

The number before a subject refers to its description; the number after it refers to credits.

#### Freshman Year

First Semester		Second Semester			
EH2	English .....	3	EH3	English .....	3
C1	Inorganic Chemistry.....	3	C3	Inorganic Chemistry.....	3
C2	Inorganic Laboratory.....	3	C4	Inorganic Laboratory.....	2
B1	General Botany.....	2	B3	General Botany.....	2
B2	General Botany Laboratory	2	B4	General Botany Laboratory	2
PE1	Physical Education .....	1	PE2	Physical Education .....	1
M10	College Algebra.....	5	EZ1	Physiology .....	3
EH25	Public Speaking.....	2	M11	Plane Trigonometry .....	2
		<u>21</u>	AH1	Judging Market Types.....	2
					<u>20</u>

#### Sophomore Year

First Semester		Second Semester			
EH51	Literature .....	2	EH26	Argumentation .....	2
C5	Organic Chemistry .....	3	C21	Organic and Biochemistry..	3
C6	Organic Laboratory .....	2	C22	Organic Laboratory .....	2
PE3	Physical Education .....	1	PE4	Physical Education .....	1
EZ11	Zoology .....	3	Ag2	Soils .....	3
EZ12	Zoology Laboratory .....	2	H1	General Horticulture .....	3
Ag1	Crop Production .....	3	AH2	Judging Purebred Livestock	3
ES1	Elementary Economics.....	4	B104	Plant Physiology .....	3
		<u>20</u>			<u>20</u>

### Course in Forestry

The number before a subject refers to its description; the number after it refers to credits.

#### Freshman Year

First Semester		Second Semester			
EH2	English .....	3	EH3	English .....	3
C1	Inorganic Chemistry .....	3	C3	Inorganic Chemistry .....	3
C2	Inorganic Laboratory .....	2	C4	Inorganic Laboratory .....	2
B1	General Botany .....	2	B3	General Botany .....	2
B2	General Botany Laboratory	2	B4	General Botany Laboratory	2
PE1	Physical Education .....	1	PE2	Physical Education .....	1
M10	College Algebra .....	5	EZ1	Physiology .....	3
EH25	Public Speaking .....	2	F1	Elements of Forestry.....	2
		<u>20</u>	M11	Plane Trigonometry .....	2
					<u>20</u>

## Sophomore Year

First Semester		Second Semester			
EH51	Literature .....	2	EH26	Argumentation .....	2
Ph5	Physics .....	3	Ph9	Physics .....	3
Ph6	Physics Laboratory .....	2	Ph10	Physics Laboratory .....	2
PE3	Physical Education .....	1	PE4	Physical Education .....	1
EZ11	Zoology .....	3	CE1	Surveying .....	3
EZ12	Zoology Laboratory .....	2	CE2	Field Work .....	1
EH77	Citizenship .....	3	Ag2	Soils .....	3
ES1	Elementary Economics .....	4	H1	General Horticulture .....	3
		20	B104	Plant Physiology .....	3
					21

## Course in Civil, Irrigation, Electrical and Mechanical Engineering

The number before a subject refers to its description; the number after it refers to credits.

## Freshman Year

First Semester		Second Semester			
EH2	English .....	3	EH3	English .....	3
C1	Inorganic Chemistry .....	3	C3	Inorganic Chemistry .....	3
C2	Inorganic Laboratory .....	2	C4	Inorganic Laboratory .....	2
PE1	Physical Education .....	1	PE2	Physical Education .....	1
ME20	Mechanical Drawing .....	2	ME21	Mechanical Drawing .....	2
M10	College Algebra .....	5	M12	Analytic Geometry .....	5
M11	Plane Trigonometry .....	2	CE1	Surveying .....	3
EH25	Public Speaking .....	2	CE2	Field Work .....	1
		20			20

## Sophomore Year

First Semester		Second Semester			
EH51	Literature .....	2	EH26	Argumentation .....	2
M20	Differential Calculus .....	5	M21	Integral Calculus .....	5
Ph5	Physics .....	3	Ph9	Physics .....	3
Ph6	Physics Laboratory .....	2	Ph10	Physics Laboratory .....	2
PE3	Physical Education .....	1	PE4	Physical Education .....	1
ME22	Descriptive Geometry .....	2	Ph20	Applied Mechanics .....	3
ME23	Descriptive Geometry .....	1	ES50	General Sociology .....	4
	(Drawing)				20
ES1	Elementary Economics .....	4			
		20			

### Course in Home Economics

The number before a subject refers to its description; the number after it refers to credits.

#### Freshman Year

First Semester		Second Semester			
EH2	English .....	3	EH3	English .....	3
C1	Inorganic Chemistry .....	3	C3	Inorganic Chemistry .....	3
C2	Inorganic Laboratory .....	2	C4	Inorganic Laboratory .....	2
PE51	Physical Education .....	1	PE52	Physical Education .....	1
B1	General Botany .....	2	B3	General Botany .....	2
B2	General Botany Laboratory .....	2	B4	General Botany Laboratory .....	2
M10	College Algebra .....	5	EZ1	Physiology .....	3
HE2	Applied Design .....	2	HE16	Clothing I.....	2
		—	HE50	Home Hygiene and Home	
		20		Care of the Sick.....	2
					—
					20

#### Sophomore Year

First Semester		Second Semester			
EH51	Literature .....	2	HE30	Selection and Preparation	
C5	Organic Chemistry .....	3		of Foods .....	4
C6	Organic Laboratory .....	2	C21	Organic and Biochemistry..	3
L1 or			C22	Organic Laboratory .....	2
L15	French or German.....	5	L2 or		
PE53	Physical Education .....	1	L16	French or German.....	5
Ph5	Physics .....	3	PE54	Physical Education .....	1
Ph6	Physics Laboratory .....	2	Ph9	Physics .....	3
HE17	Clothing II.....	2	Ph10	Physics Laboratory .....	2
		—			—
		20			20

Beside the La Plata River at Fort Lewis



## Course in Education

## First Year

First Semester		Second Semester			
EdE1F	English .....	5	EdE2W	English .....	5
Ed1F	Contemporary Civilization	5	Ed2W	Contemporary Civilization	5
EdBiF1	Biological Aspects of Education .....	4	Ed3W	Psychology .....	5
EH77F	Citizenship .....	3	Ed4W	Introduction to Education	2
Mu1F	Music .....	2	Mu2W	Music .....	2
PE1F			PE2W		
PE51F	Physical Education .....	1	PE52W	Physical Education .....	1
					20
		20			

## Second Year

First Semester		Second Semester			
Ed5F	Introduction to Educational Procedure .....	4	Ed6W	Colorado History and Geography .....	3
GSc1F	General Science (including Nature Study) .....	4	Ed7W	Colorado School Systems	2
Ed8F	Literature for the Elementary School .....	4	GSc2	General Science (including Public Health) .....	5
Mu3F	Music Education .....	2	A1W	Agriculture for Rural Teachers .....	4
Ed9F	School Training .....	5	Ed10W	School Training	
PE3F or			a. Student teaching		
PE53F	Physical Education .....	1	b. Subject matter— matter for teacher .....	5	
					20
		20	PE4W or		
			PE54W	Physical Education .....	1
					20

## Women's Dormitory



## Courses

### AGRICULTURE

**A1.—Agriculture for Rural Teachers.**—The significant facts of the field of agriculture that are of especial importance to the rural child and which serve to make him a better rural citizen. Involves economic and social relationships. Four hours attendance, four credits.

#### Agronomy

**Ag1-f.—Crop Production.**—Three hours attendance, three credits, sophomore year. Study of crops grown in Colorado, under dry farming, irrigation and in high altitudes. Most of the time is spent on a study of Colorado crops and cropping conditions. But crops entering into world markets are given some attention. A text will be used, supplemented by library reference reading. Certain phases of the course will be worked out by the problem method of attack.

**Ag2-w.—Soils.**—Three hours attendance, three credits, sophomore year. A study of the principles which underlie the origin of soils, their physics, chemistry and biology; the relation of soil texture, structure and organic matter to moisture, tillage and fertility; relation of the physical and chemical properties to cultural and irrigation practices; alkali soils and their correction; soil colloids and organic matter; soil micro-organisms; the relation of these factors of soil science to crop production and practical management in arid and semi-arid climates.

#### Animal Husbandry

**AH1-w.—Judging Market Types.**—Six hours attendance, three credits, freshman year. Scorecard and ring judging of various grades of commercial livestock.

**AH2-w.—Judging Purebred Livestock.**—Six hours attendance, three credits, sophomore year. Text: "Livestock Judging and Selection," Curtis. Prerequisite AH1. Comparative judging of purebred cattle, horses, sheep and swine.

#### Horticulture

**H1-w.—General Horticulture.**—Three hours attendance, three credits, sophomore year. Designed to meet the needs of students looking forward to general horticulture, county agent work, instruction in secondary or consolidated schools, etc. Subjects considered: Plant propagation, the principles underlying the culture and marketing of horticultural crops. Laboratory work in propagation of plants, making and care of hotbeds and cold frames.

#### Forestry

**F1-w.—Elements of Forestry.**—Two hours attendance, two credits. Text: "Elements of Forestry," Moon and Brown. A general survey of forestry simply presented in order that the forestry student may coordinate the succeeding courses, and that other students may elect the course to gain a general knowledge of the subject.



## EDUCATION

**Ed1-f.—Contemporary Civilization.**—Fundamental facts and principles underlying and influencing population groupings and the development of our current civilization with the characteristics of form and structure of contemporary social institutions. Five hours attendance, five credits.

**Ed2-w.—Contemporary Civilization.**—Insistant problems of contemporary life—economic, political and social—with attention to historical origins and settings. Five hours attendance, five credits.

**Ed3-w.—Psychology.**—A study of stimulus and response mechanisms—structure, function and characteristics. Laws and principles of reaction. Influence of environment—principles of selection, organization and presentation of stimuli. The learning process. Five hours attendance, five credits.

**Ed4-w.—Introduction to Education.**—An introductory course acquainting the student with the essential principles and facts underlying educational activity. Includes studies in the aim and scope of education; background of education; present program; organization and administration of teaching activity; financial support; agencies concerned with education. Two hours attendance, two credits.

**Ed5-f.—Introduction to Educational Procedure.**—Practices relating to pupil registration, accounting, grouping, measuring and recording. A study of tests and measurements—their type, form, significance and use. Four hours attendance, four credits.

**Ed6-w.—Colorado History and Geography.**—The development of significant movements and activities and the cultural contribution of the original inhabitants of the southwest territory of the United States. A study of the geographic areas of Colorado in relation to industry and recreation. Three hours attendance, three credits.

**Ed7-w.—Colorado School Systems.**—A study of the public-school system and school laws of Colorado. Two hours attendance, two credits.

**Ed8-f.—Literature for the Elementary School.**—A survey of literature appropriate for the elementary school. Practice in presentation of type units. Principles governing choice of literature for these grades. Four hours attendance, four credits.

**Ed9-f.—School Training.**—This course includes a brief survey of the development of elementary and secondary schools; a discussion of objectives, health, citizenship, worthy home membership, vocational efficiency, recreation, spiritual or moral development. Much attention is given to guiding principles of schoolroom teaching and discipline. Five hours attendance, five credits.

**Ed10.—School Training.**—A study is made of the best methods of teaching reading, English, arithmetic, geography and other grade-school subjects and of teaching classes in the grades under the direction of the regular grade teachers and the supervision of practice work following lesson plans previously submitted to and approved by the supervisor. Five hours attendance, five credits.

## ENGINEERING

**CE1-w.—Surveying.**—Three hours attendance, three credits, freshman year. Prerequisite, trigonometry. Text by Hosmer and Breed, volume I. This course deals with the principles underlying the practice of surveying. It takes up the use of chain, level and compass, their adjustment and operation. The student deals with the measurement of angles and distances and balancing of surveys.

**CE2-w.—Field Work.**—Three hours attendance, one credit, freshman year. Taken with CE1. Fee, \$2.00. The student receives practice in the use of compass and level. He takes up practical problems in land surveying and mapping.

**ME20-f.—Mechanical Drawing.**—Six hours attendance, two credits, freshman year. Text by French. Selection, care and use of instruments, free-hand lettering; orthographic projection; isometric drawing and other pictorial representations; intersection and development of surfaces.

**ME21-w.—Mechanical Drawing.**—Three hours attendance, one credit, freshman year. Prerequisite, ME20. Free-hand sketching of machine parts and assemblies; making detailed working drawings and assembly drawings, tracings and blue prints; study of blue-printing machines and other modern methods of reproduction; commercial practice.

**ME22-f.—Descriptive Geometry.**—Two hours attendance, two credits, sophomore year. Must be taken with ME23. Text by Smith. The principles of projection, intersection, etc., as applied to engineering practice.

**ME23-f.—Descriptive Geometry.**—Two hours attendance, one credit, sophomore year. Must be taken with ME22. Text by Smith. A variety of problems drawn from engineering practice are accurately worked out on the drawing board. These problems illustrate the principles studied in ME22.

## ENGLISH

**EdE1-f.—English.**—Five hours attendance, five credits, freshman year. The taking of notes and the making of outlines, abstracts, summaries of discussion, bibliographies. Study of the word with emphasis on derivation and selection. Sentence structure. Thought development in the paragraph. Exposition a form of discourse. Letter writing. Short papers.

**EdE2-w.—English.**—Continuation of EH2. Five hours attendance, five credits. Argument, description and narration as forms of discourse. Briefs. Work in parliamentary law and extemporaneous address. The principles of rhetoric as used by Masters of English. Short themes. A narrative required.

**EH2-f.—English.**—Three hours attendance, three credits. Required of freshmen in Agriculture, Engineering, Home Economics and Science. Study of the principles of rhetoric. Elements of effective writing in prose based upon the study of selected authors. Analysis of modern prose. Much time is devoted to composition, written and oral.

**EH3-w.—English.**—Continuation of EH2. Three hours attendance, three credits.

**EH25-f.—Public Speaking.**—Two hours attendance, two credits, sophomore year. Prerequisites, EH2 and EH3. Text: Phillips' "Effective Speaking." A course in the fundamentals of public speaking. A minimum of theory with as much practical experience as can be given.

**EH26-w.—Argumentation.**—Two hours attendance, two credits, sophomore year. Prerequisites, EH2 and EH3. Text: "Public Discussion and Debate," Baird. Practice in argumentation and debate.

**EH51-f.—Literature.**—Two hours attendance, two credits. Types of newspaper material—the news story, the feature story, the editorial; the short story; the tale, including fables, Oriental tales, fairy and folk tales, myths, legends; the early prose romance; the novel.

**EH52-w.—Literature.**—Two hours attendance, two credits. The allegory; the essay and informational narrative; personal literature, including biographies, autobiographies, letters and diaries; the oration; the drama.

**EH75-f.—American History.**—Three hours attendance, three credits, sophomore year. This course is to meet the requirements of students who expect to teach. A general course in American History from the discovery of America down to the present. Quite a large part of the time is spent upon recent events.

**EH77-f.—Citizenship.**—Three hours attendance, three credits. The events and causes which led to the formation of the national government as it exists today. Operation of the federal, state and local governments, and the study of the privileges and obligations of the citizen.

**EH79-w.—Industrial History.**—Three hours attendance, three credits. Text: "Economic History of the United States," Faulkner, supplemented by library reference work, and first-hand study of some phase of industrial life by each member of the class. A review of industrial conditions in primitive England, of the days of the English manor, followed by the changes which produced the guild organizations, the domestic system of industry in the United States, the changes resulting from the factory system, and the consequent labor conditions.

## HOME ECONOMICS

**HE2-f.—Applied Design.**—Four hours attendance, two credits, freshman year. Fee, \$1.00. The fundamental principles of design and their practical application to everyday problems of decoration in the house and in dress. Study of proportion, harmony, rhythm, repetition, composition and line, light and shade, color and its application. Practical designs worked out and applied to lessons in sewing and art needlework, as well as to the ornamental features of home decoration. Practical work in special problems.

**HE16-w.—Clothing I.**—Four hours attendance, two credits, freshman year. Fee, \$2.00. This course deals with elementary problems in garment construction. The use of commercial patterns and their adaptation to individual needs. Art principles are applied in the selection of clothing.

**HE17-f.—Clothing II.**—Four hours attendance, two credits, sophomore year. Fee, \$2.00. Prerequisites, HE2 and HE16. A study of the development of the costume and its adaptation to present-day styles; the application of the principles of design and color to individual requirements and the appropriateness of dress to occasion; the problems in clothing construction include a hat and gown.

**HE30-w.—Selection and Preparation of Food.**—Eight hours attendance, four credits, sophomore year. Fee, \$5.00. Prerequisites, C1 and C2. Composition of foodstuffs; influence of chemical and physical characteristics; methods and scientific findings; emphasis upon standardization in preparation; cost studies.

**HE50-w.—Home Hygiene and Home Care of the Sick.**—Two hours attendance, two credits, freshman year. Includes the consideration of general care of the sickroom; the care of the sick; what to do in emergencies; prevention of the transmission of communicable diseases; diseases of children; hygiene of maturity; maternity nursing.

### LANGUAGE

**L1-f.—First-year French.**—Five hours attendance, five credits. A course in grammar, prose composition, reading and conversation.

**L2-w.**—Continuation of L1.

**L15-f.—First-year German.**—Five hours attendance, five credits. A course in grammar, pronunciation and reading.

**L16-w.**—Continuation of L15.

### MATHEMATICS

**M10-f.—College Algebra.**—Five hours attendance, five credits, freshman year. Text: "College Algebra," by Harding and Mullins. After a brief review of quadratic equations, the following topics are treated in the order given: Binomial theorem, the progressions, complex numbers and the theory of equations. Graphical representation is frequently used.

**M11-f.w.—Plane Trigonometry.**—Two hours attendance, two credits. Text: "Trigonometry," by Granville. Preference is given to geometric rather than analytic methods in the development of the formulas of this subject. Special attention is given to practical application in surveying, geodesy, astronomy and artillery.

**M12-w.—Analytic Geometry.**—Five hours attendance, five credits, freshman year. Prerequisites, M10 and M11. Text: "Analytical Geometry," by Roberts and Colpits. The following topics are emphasized: Coordinates, fundamental metrical formulas, plane loci and their equations, the straight line, standard equations of the second degree, trigonometric and exponential functions, and the general equation of the second degree.

**M20-f.—Differential Calculus.**—Five hours attendance, five credits, sophomore year. Prerequisites, M11, M12. Text: "Calculus," by Granville, Smith and Langley. The doctrine of limits is here regarded as the foundation of the calculus and as the entrance to higher mathematics. The derivative is rigorously developed and afterwards interpreted as a rate, a slope to a curve, and as the ratio between two differentials. Much time is given to the applications to problems in engineering science and practice.

**M21-w.—Integral Calculus.**—Continuation of M20. Five hours attendance, five credits, sophomore year. Prerequisite M11. The integral is treated first as the inverse of the differential and then as a process of summation. Each problem is regarded as a sort of formula which may be used in the solution of succeeding problems. Special attention is given to length of curves, areas, surfaces, solids, water pressures, averages and center of gravity.

## MUSIC

**M1-f.—Public-School Music I.**—Instruction in the foundation of musical knowledge. The staff, clef, bar, measure, signatures, notation, rests, scales and keys, sightsinging, ear training, expression, enunciation, appreciation, use of pitch pipe. Two hours attendance, two credits.

**M2-w.—Public-School Music II.**—Contemporary types and usage, embodying a study of form, structure and principles with historic background. An intellectual basis for appreciation and for application. Two hours attendance, two credits.

**M3-f.—Public-School Music III.**—Materials and methods for elementary grades. Selection and presentation of rote songs, the child voice in singing; rhythm drills; interval drills; introduction of staff notation and the beginning of music readings; directed listening. Study of music text series. Prerequisite, Music I. Two hours attendance, two credits.

## SCIENCE

**EdBi1-f.—Biology.**—Those aspects of human biology which relate to and condition principles and practices in the field of psychology, sociology and education, including principles and facts relating to life development and life functions and reactions. Four hours attendance, four credits.

### Botany

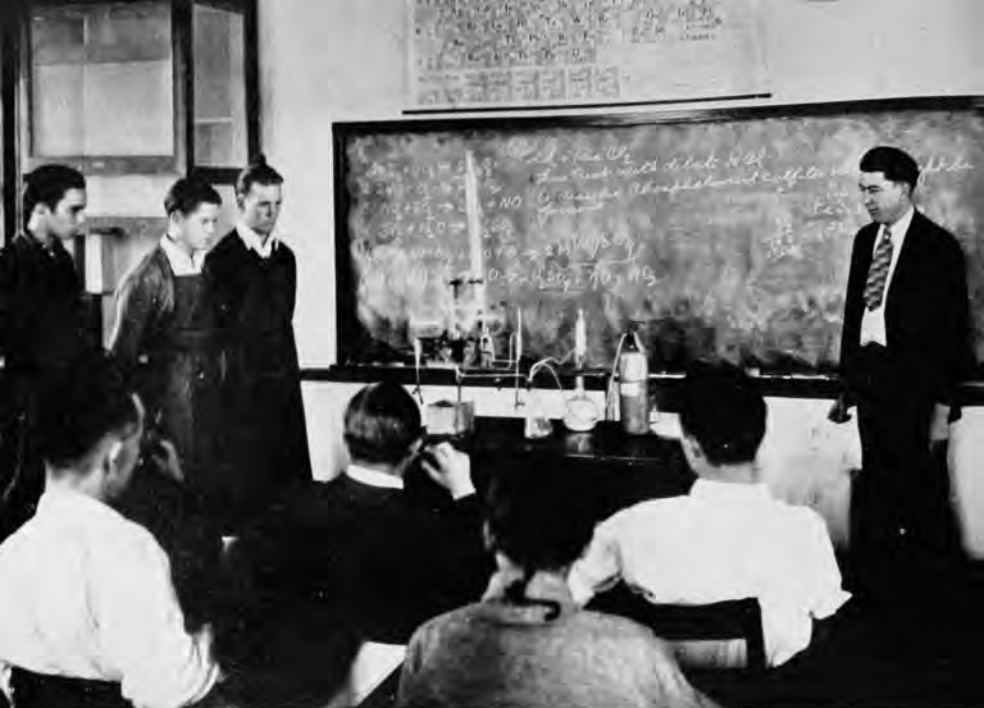
**B1-f.—General Botany.**—Two hours attendance, two credits, freshman year. A study of plant relationships with emphasis placed on the origin and evolution of plants. The development of plant life is traced from the lowest forms of single-celled plants to the highest-developed flowering plants.

**B2-f.—General Botany Laboratory.**—Four hours attendance, two credits, freshman year. Fee, \$1.00. Laboratory work to accompany B1.

**B3-w.—General Botany.**—Two hours attendance, two credits, freshman year. Prerequisite, B1. A study of the structure and life processes of plants, morphology of roots, stems, leaves, flowers, fruits and seeds with the physiology of food production by the plant, botanical keys and plant identifications.

A Science Laboratory





Inorganic Chemistry Laboratory

**B4-w.—General Botany Laboratory.**—Four hours attendance, two credits, freshman year. Laboratory work to accompany B3. Fee, \$1.00.

**B104-w.—Plant Physiology.**—Six hours attendance, three credits, sophomore year. Fee, \$2.00. A study of the activities of plants such as absorption, manufacture of food, growth, etc.

### Chemistry

**C1-f.—Inorganic Chemistry.**—Three hours attendance, three credits, freshman year. Must be accompanied by C2. No previous knowledge of chemistry is required. Lectures, text and reference study of the principles of the science, covering the chemistry of non-metals, their typical and important compounds.

**C2-f.—Inorganic Laboratory.**—Exercises to accompany C1. Four hours attendance, two credits, freshman year. Fee, \$4.00.

**C3-w.—Inorganic Chemistry.**—Three hours attendance, three credits, freshman year. Prerequisite C1. Continuation of C1, covering the chemistry of the metals. Must be accompanied by C4.

**C4-w.—Inorganic Laboratory.**—Exercises to accompany C3. Prerequisites, C1, C2. Four hours attendance, two credits, freshman year. Fee, \$5.00. A study of typical metals, their properties, tests and groupings, preparation, properties and reactions of important compounds, including elementary qualitative analysis.

**C5-f.—Organic Chemistry.**—Three hours attendance, three credits, sophomore year. Must be accompanied by course C6. Prerequisites, C1 to C4, inclusive. Lectures, text and reference study of the aliphatic series. The basic principles of organic chemistry are stressed, and, as far as possible, the relation of the science to biology, agriculture, food, nutrition, etc., is presented.

**C6-f.—Organic Laboratory.**—Accompanies C5. Four hours attendance, two credits, sophomore year. Fee, \$5.00. Exercises to familiarize the student with the preparation, properties and reactions of typical and important compounds, including qualitative tests.

**C21-w.—Organic and Biochemistry.**—Prerequisites, C5 and C6. Must be accompanied by C22. Three hours attendance, three credits, sophomore year. A continuation of C5 including carbohydrates, lipoids, proteins, vitamins, etc., followed by chemistry of digestion, nutrition, metabolism, etc.

**C22-w.—Organic Laboratory.**—Accompanies C21. Four hours attendance, two credits, sophomore year. Fee, \$5.00. Continuation of C6.

#### Economics and Sociology

**ES1-f.—Elementary Economics.**—Four hours attendance, four credits, sophomore year. This study includes an analysis of our present-day economic organization; the methods of production, business organization; the laws of price, money, banking and exchange; problems of government and labor; and reform of the economic system.

**ES50-w.—General Sociology.**—Four hours attendance, four credits, sophomore year. Principles of sociology and application to social problems. Origin, development and functioning of important social institutions, such as the family, school, church, nation and community. Influence of biological, psychological and physiological factors upon society. A course intended to orient the student in the social sciences.

**GSc1-f.—General Science (including Nature Study).**—A general survey of science and nature material in the local environment available for use in the rural school. Six hours attendance, four credits.

**GSc2-w.—General Science (including Public Health).**—A continuation of the first semester's work, including attention to personal and group hygiene, prevention of disease, ventilation, sanitation and emergency measures. Seven hours attendance, five credits.

#### Physics

**Ph5-f.—Physics.**—Three hours attendance, three credits, sophomore year. Prerequisite, college algebra. This is a course of fundamental scientific principles forming the basis for the study of applied science as related to engineering problems.

**Ph6-f.—Physics Laboratory.**—Four hours attendance, two credits, sophomore year. Fee, \$3.00. A course to accompany Ph5. The student obtains first-hand information of physical laws, learns to handle and manipulate apparatus in order that he may be able to arrive at definite and sane results from his measurements.

**Ph9-w.—Physics.**—A continuation of Ph5, three hours attendance, three credits.



West Side of Campus—La Plata Mountains in the Background

**Ph10-w.—Physics Laboratory.**—A continuation of Ph6, four hours attendance, two credits. Fee, \$3.00.

**Ph20-w.—Applied Mechanics.**—Three hours attendance, three credits, sophomore year. Prerequisites, college algebra, trigonometry, calculus (differential and taking integral), and first-semester physics. A lecture and recitation course covering the practical application as well as the theoretical side of the action of forces in the general field of mechanics. The student is familiarized with numerous type problems.

### Physical Education

**PE1-f.—Physical Education.**—Two hours attendance, one credit, freshman year. Health education, postural drills and corrective work; games.

**PE2-w.—Physical Education.**—Two hours attendance, one credit, freshman year. Games, postural drills, corrective work and individual sports.

**PE3-f.—Physical Education.**—Two hours attendance, one credit, sophomore year. Apparatus work, wrestling and boxing.

**PE1-w.—Physical Education.**—Two hours attendance, one credit, sophomore year. Apparatus work, wrestling, leader's classes, track and field sports, baseball.

**PE51-f.—Physical Education.**—Two hours attendance, one credit, freshman year. Hockey, tennis, basketball, tap, clog and folk dancing.

**PE52-w.—Physical Education.**—Two hours attendance, one credit, freshman year. Volleyball, dancing, tennis, baseball and track.



**PE53-f.—Physical Education.**—Two hours attendance, one credit, sophomore year. Hockey, tennis, tap, clog and folk dancing.

**PE54-w.—Physical Education.**—Two hours attendance, one credit, sophomore year. Volleyball, dancing, tennis, baseball and track.

### Physiology

**EZ1-w.—Physiology.**—Three hours attendance, three credits, freshman year. A lecture course dealing with elementary physiology, anatomy and hygiene. Considerable attention is given to application of principles of practical hygiene and common phenomena.

### Zoology

**EZ11-f.—Zoology.**—Three hours attendance, three credits, sophomore year. Text: "Outlines of General Zoology," Curtis and Guthrie. Accompanies EZ12.

**EZ12-f.—Zoology Laboratory.**—Four hours attendance, two credits, sophomore year. Fee, \$2.00. Must accompany EZ11. Stress is laid upon the structure, habits and relationship of the different groups of the animal kingdom. Definiteness and accuracy of observation are emphasized.

Zoology Laboratory



## STUDENT ACTIVITIES

**Hiking Club.**—The object of the Hiking Club is to promote knowledge and enjoyment of the out of doors.

Before each hike, a talk on the objects of study is given by a member of the faculty who is sponsor for the trip.

**The Fort Lewis Camera Club.**—The general interest in cameras and their use resulted in the formation of a Camera Club which organized for the common purpose of cultivating an interest in, and an understanding of, the art and science of photography. This group meets once a month to discuss appropriate topics and to study the pictorial efforts of the members. The school offers splendid opportunities to practice the technique of picture taking, and such dark-room processes as film developing, printing and enlarging.

**Home Economics Club.**—The Home Economics Club, of which any high-school or college girl may become a member, was organized to create an interest in, and to develop knowledge and ability in home activities.

**Dramatic Club.**—The Dramatic Club offers opportunity to develop dramatic talent. Its programs, which are given at least three times during the year, consist of three one-act plays—a plan which allows the greatest possible number of students to participate. Frequently these players make a tour of the San Juan Basin.

**The Free Lances.**—The Fort Lewis Free Lances are a group interested in writing. They publish, at regular intervals, the Free Lance Journal, a magazine encouraging creative writing of many kinds. This group sponsors contests and publishes winning entries from high schools of the Basin.

**The Music Club.**—For those who have a musical interest, the Fort Lewis Music Club furnishes an opportunity for the enjoyment of and occasional participation in musical programs of an informal nature. The club meetings are held monthly and consist of a program and a social hour.

**Glee Clubs.**—There are two glee clubs at Fort Lewis, one for men and one for women. The clubs meet separately once a week and jointly once a week. Their work consists of preparing and presenting a series of public programs given at intervals thruout the year. These programs vary, but usually include concerts, both secular and sacred, an operetta, a minstrel or musical comedy and a spring festival. Students may earn one credit each semester by the work done in a glee club, besides securing the benefits that come from mutual association of musical men and women.

**Athletic Club.**—Membership in the athletic club is unlimited and any who are interested in sports, games and physical development of any kind may attend. Meetings are held once each month, except during basketball season. Programs are planned to promote leadership along athletic lines.

**Band.**—The band is an organization of musicians under the leadership of Mr. W. J. Emery. All members receive one period of group instruction each week in addition to the period of band practice. Considerable talent has been developed by this method of instruction. The band is an organization of which the college is justly proud.

**Science Club.**—Monthly meetings of the Science Club are held at which talks and demonstrations are given by students and faculty members. Frequent use is made of the school's 16 mm. moving picture machine.

**Dances, Parties and Pictures.**—Dances sponsored either by a class or by the school are usually given once a month. A party is given by each class sometime during the year. The college ball for all college students is an annual spring event.

The school has 16 mm. and 35 mm. motion picture machines. Popular movies as well as educational films are shown. Pictures are also used in the classrooms, a projection lantern making it possible to show slides and film strips as well as motion pictures.

### Student Athletics and Sports

**Football.**—Football as a competitive sport was organized this year for the first time. Equipment was purchased by the athletic association and games were scheduled with the high-school teams of the Basin. A very successful season was enjoyed. Enough interest was shown to insure the sport becoming a permanent part of the fall program.

**Basketball.**—Basketball has been an organized sport for a number of years. There are several excellent independent teams in the Basin that offer strong competition. The interest and sportsmanship are good and the competition for places on the team is keen. Whenever conditions warrant, a team is sent to the open tournament held each year in Grand Junction. Fort Lewis boasts of the best basketball court in the Basin.

**Baseball.**—Baseball in the past has been played during the fall and spring when the weather permitted. In the future it will be a spring sport because of the organization of football. A number of community and high-school teams offer strong competition for the team that represents Fort Lewis.

1931 Football Squad



**Tennis.**—Tennis furnishes excellent opportunity for physical exercise and development. Two cement courts are available and during the fall and spring months they are in use every free period from daylight until dark. Each year a tournament is conducted by those who care to enter. This is a sport much enjoyed by students and faculty.

**Skiing, Skating and Tobogganing.**—Fort Lewis is unusually well situated for students to enjoy the thrills that come to those who take part in winter sports. A skating pond near the campus, where the ice may be flooded when necessary is much enjoyed by skating enthusiasts. Snowfall and mountain slopes furnish thrills and spills for those who enjoy tobogganing or skiing.

## FORT LEWIS-HESPERUS HIGH SCHOOL

### High-School Courses

Under cooperative agreement, the Board of Education of the Hesperus School District conducts a three-year high-school course on the campus of the Fort Lewis School. Tuition of \$5.00 a month is charged to non-residents of the district. The fourth year is offered by the Fort Lewis School.

#### Course of Study of the Hesperus High School

##### First Year

##### First Semester

Typewriting  
General History  
Algebra  
\*Latin I  
English I

##### Second Semester

Typewriting  
General History  
Algebra  
\*Latin I  
English I

Skating on Fort Lewis Reservoir



**Second Year**

American History	American History
English II	English II
Biology	Biology
Physical Geography	Commercial Geography
*Latin II and Spanish II	*Latin II and Spanish II

**Third Year**

Geometry	Geometry
Chemistry	Chemistry
English III	English III
Economics	Civics

A fourth or senior high-school year is offered by the Fort Lewis School to permit those who have taken three years' work in the Hesperus High School or elsewhere to complete their high-school work and qualify for college entrance.

**Fourth Year**

Physics	Physics
Psychology	Sociology
Higher Algebra	Solid Geometry
English IV	English IV

\*Latin I and II and Spanish II will be offered in 1932 and 1933.

It will be possible for a student to get either Latin or Spanish during a four-year course, provided he has no conflicts and provided that eight or more elect Spanish.

**High-School Expenses**

*Board and room—2 in a room—for 9 months—\$25.00 a month.....	\$225.00
Room without board—2 in a room—per month.....	6.50
Change in rooms after first week.....	2.00
Athletic fee—charged to all—each semester—no refund.....	2.50
Tuition each month—no rebate for part of a month.....	5.00
Book deposit .....	5.00
Key deposit .....	\$1.00 to 5.00
Laboratory breakage deposit in Physics and Chemistry.....	4.00
Registration and library fee for each 9 months.....	5.00
Property deposit required of all.....	5.00
Laboratory Fees—each semester:	
Shop work .....	2.50
Typewriting .....	2.50
Biology .....	2.00
Chemistry .....	3.00
Physics .....	2.00
Failure to pay fees and board when due.....	2.00

\*Board, room and other charges are due on the first day of each month.

None of the fees cover any transportation, hospital services, medicines, bandages, extra lights, power, laundry, use of typewriters out of typewriting classroom, etc.

The tuition covers book rentals and picture shows, but no games, dramatic or musical entertainments offered by students.

## High-School Students Enrolled 1931-1932

Archuleta, Mary.....	Hesperus, Colorado
Arriza, Bonnie.....	Hesperus, Colorado
Arriza, Mary.....	Hesperus, Colorado
Bader, Ruth Margaret.....	Hesperus, Colorado
Behrman, LaMar.....	Redmesa, Colorado
Berkness, Marion.....	Crown Point, New Mex.
Brady, Elbert W.....	Hesperus, Colorado
Brady, Evelyn.....	Hesperus, Colorado
Brown, Mildred.....	Hesperus, Colorado
Brown, Thelma.....	Hesperus, Colorado
Burnham, Eileen.....	Redmesa, Colorado
Burnham, Wilson.....	Redmesa, Colorado
Chivington, Granville.....	Baggs, Wyoming
Christy, Nell Dolores.....	Hesperus, Colorado
Davies, Hughie Richard.....	Hesperus, Colorado
Dean, Edwin.....	Redmesa, Colorado
Dean, Winifred.....	Redmesa, Colorado
Dickinson, Herbert.....	Shiprock, New Mex.
Hager, Mary Pamela L.....	Crown Point, New Mex.
Hanson, Hattie.....	Hesperus, Colorado
Herrera, John K.....	Crown Point, New Mex.
Hoel, Kenneth.....	Breen, Colorado
Holder, Lester.....	Hesperus, Colorado
Holder, Marion.....	Hesperus, Colorado
Hollemon, Fred.....	Fort Collins, Colorado
Holmes, Byron.....	Hesperus, Colorado
Holt, Melvin.....	Bayfield, Colorado
Irwin, Lucille.....	Durango, Colorado
Kikel, Elizabeth.....	Breen, Colorado
Kimsey, William.....	Hesperus, Colorado
Lockhart, Oliver.....	Silverton, Colorado
Loe, Fred, Jr.....	Shiprock, New Mex.
Marks, Aleen.....	Ignacio, Colorado
McCoach, Thomas.....	Breen, Colorado
Michael, Arthur.....	Hesperus, Colorado
Michael, Evelyn.....	Hesperus, Colorado
Neal, Dorothea.....	Dolores, Colorado
Paulek, Emma.....	Hesperus, Colorado
Pennell, John.....	Ignacio, Colorado
Pitt, Silver.....	Crown Point, New Mex.
Presley, Ruth.....	Crown Point, New Mex.
Puetz, Ruth.....	Hesperus, Colorado
Sanders, John.....	Allison, Colorado
Simms, Richard.....	Dulce, New Mex.
Slade, Ione.....	Redmesa, Colorado
Slade, Ralph.....	Redmesa, Colorado
Steele, Mabel.....	Redmesa, Colorado
Stinson, Ethel.....	Hesperus, Colorado

Thompson, Esther.....	Hesperus, Colorado
Thompson, Thelma.....	Hesperus, Colorado
Tooley, Lovel.....	Redmesa, Colorado
Tooley, Olive.....	Redmesa, Colorado
Walker, Laverne.....	Redmesa, Colorado
Walker, Merle.....	Redmesa, Colorado
Woodbury, Arthur.....	Baggs, Wyoming

### College Students Enrolled 1931-1932

1	Armstrong, Roberta D.....	Education.....	Durango, Colorado
1	Aronod, Steve.....	Agricultural.....	Farmington, New Mex.
1	Aspaas, Carl.....	Unclassified.....	Breen, Colorado
1	Aspaas, Ellanette.....	Educational.....	Breen, Colorado
1	Aspaas, Max.....	Engineering.....	Breen, Colorado
1	Barrett, Robert.....	Engineering.....	Cortez, Colorado
1	Billings, Donald.....	Engineering.....	Durango, Colorado
1	Binder, Doris.....	General Science.....	Bayfield, Colorado
1	Bishop, James.....	Agricultural.....	Dove Creek, Colorado
1	Birkner, Helen.....	Educational.....	Durango, Colorado
1	Boughan, Wanda.....	Educational.....	Hesperus, Colorado
2	Branson, Edgar.....	Engineering.....	Bayfield, Colorado
1	Brennan, Richard.....	Unclassified.....	Durango, Colorado
	Brown, Floyd E.....	Educational.....	Hesperus, Colorado
1	Bunce, Miriam.....	Educational.....	Dolores, Colorado
1	Carson, Mildred.....	Educational.....	Farmington, New Mex.
1	Catchpole, Harvey.....	Unclassified.....	Pagosa Springs, Colorado
2	Christy, Christine.....	Educational.....	Hesperus, Colorado
1	Coombs, Zelma.....	Educational.....	LaJara, Colorado
1	Crumm, Harvey.....	Unclassified.....	Ridgway, Colorado
2	Croonenberghs, Marguerite.....	Educational.....	Durango, Colorado
1	Curtis, Donald.....	Agricultural.....	Jordan, New Mexico
1	Davis, Harold.....	Agricultural.....	Hesperus, Colorado
1	Davies, Charles.....	Engineering.....	Durango, Colorado
1	Decker, Austin Dean.....	Engineering.....	Durango, Colorado
1	Dickinson, Herbert.....	Agricultural.....	Hesperus, Colorado
1	Don, Ida E.....	Educational.....	Durango, Colorado
2	Ellis, Marjorie.....	Educational.....	Aztec, New Mexico
2	Flynt, Allen.....	Engineering.....	Durango, Colorado
2	Foertsch, Ann.....	Educational.....	Pagosa Springs, Colorado
2	Foutz, Robert.....	Engineering.....	Fruitland, New Mex.
1	Gage, Lura.....	Educational.....	Dove Creek, Colorado
1	Garlinghouse, Woodrow.....	Educational.....	Lewis, Colorado
2	Giles, Amelia.....	General Science.....	Mancos, Colorado
1	Gilmore, Mark Allen.....	Unclassified.....	Durango, Colorado
1	Griffith, Elden.....	Unclassified.....	Lewis, Colorado
1	Grimmett, Ruby R.....	Educational.....	Breen, Colorado
1	Halls, G. D.....	Unclassified.....	Hesperus, Colorado
1	Hanson, Mattie.....	Educational.....	Hesperus, Colorado
1	Harrison, James.....	Forestry.....	Marshalltown, Iowa
2	Heflin, Ruben.....	Unclassified.....	Farmington, New Mex.

1	Henry, Lee.....	Educational.....	Hesperus, Colorado
1	Hix, William.....	Educational.....	Grand Junction, Colo.
2	Hoel, Violet.....	Educational.....	Breen, Colorado
2	Hogan, Mary Margaret.....	Educational.....	Durango, Colorado
1	Hunter, Dorothy.....	Educational.....	Durango, Colorado
2	Jarvis, Louise.....	General Science.....	Durango, Colorado
1	Johnson, Dolores.....	Unclassified.....	Bayfield, Colorado
1	Jones, Irma.....	Educational.....	Bayfield, Colorado
2	Kroeger, Marjorie.....	Home Economics.....	Durango, Colorado
1	Lamb, Ruth.....	Educational.....	Cortez, Colorado
1	Livingston, Doris.....	Educational.....	Dove Creek, Colorado
1	McCabe, Archie.....	Forestry.....	Dolores, Colorado
1	McCord, Clara.....	Educational.....	Durango, Colorado
1	McNicholas, Orval.....	Engineering.....	Durango, Colorado
1	McPheters, Munro.....	Unclassified.....	Abington, Mass.
1	Macht, Harry Ray.....	Agricultural.....	Pagosa Springs, Colorado
1	Marks, Theron.....	Engineering.....	Ignacio, Colorado
1	Mumma, Richard.....	Unclassified.....	Farmington, New Mex.
2	Murphy, Charles.....	Engineering.....	Durango, Colorado
1	Oldfield, Mary.....	Educational.....	Redmesa, Colorado
1	Patterson, James H.....	Engineering.....	Cortez, Colorado
1	Roberts, Frankie.....	Educational.....	Kline, Colorado
2	Stagelman, Howard.....	Forestry.....	Allison, Colorado
1	Stagelman, Vera.....	Educational.....	Allison, Colorado
1	Steerman, Wendell.....	Educational.....	Dolores, Colorado
1	Stiles, Lindley.....	Educational.....	Farmington, New Mex.
2	Swank, Nelda.....	Educational.....	Dolores, Colorado
1	Thompson, Coyne.....	Unclassified.....	Farmington, New Mex.
2	Utton, John.....	Unclassified.....	Farmington, New Mex.
2	Walden, Charles.....	Engineering.....	Lake Arthur, New Mex.
1	Walker, J. L.....	Unclassified.....	Redmesa, Colorado
1	Woods, Louise.....	Educational.....	Farmington, New Mex.
2	Wootten, J. B.....	Educational.....	Hesperus, Colorado







## Colorado State Institutions of Higher Learning

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- The University of Colorado.....Boulder  
GEORGE NORLIN, President
- The State Agricultural College.....Fort Collins  
CHAS. A. LORY, President
- The School of Mines.....Golden  
M. F. COOLBAUGH, President
- The State Teachers College.....Greeley  
G. W. FRASIER, President
- The Western State College.....Gunnison  
C. C. CASEY, President
- Fort Lewis School of the State Agricultural College.....Hesperus  
G. F. SNYDER, Dean
- The Adams State Teachers College.....Alamosa  
IRA RICHARDSON, President

