




Colorado
State College
Bulletin



FORT LEWIS BRANCH
CATALOG NUMBER
1939-1940

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THE COLORADO STATE COLLEGE**

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THE ANNUAL CATALOG



Colorado State College

of Agriculture and Mechanic Arts

Fort Lewis Branch



1939-1940

AGRICULTURE HOME ECONOMICS

ENGINEERING EDUCATION

FORESTRY

and

PRE-VETERINARY PRE-LAW

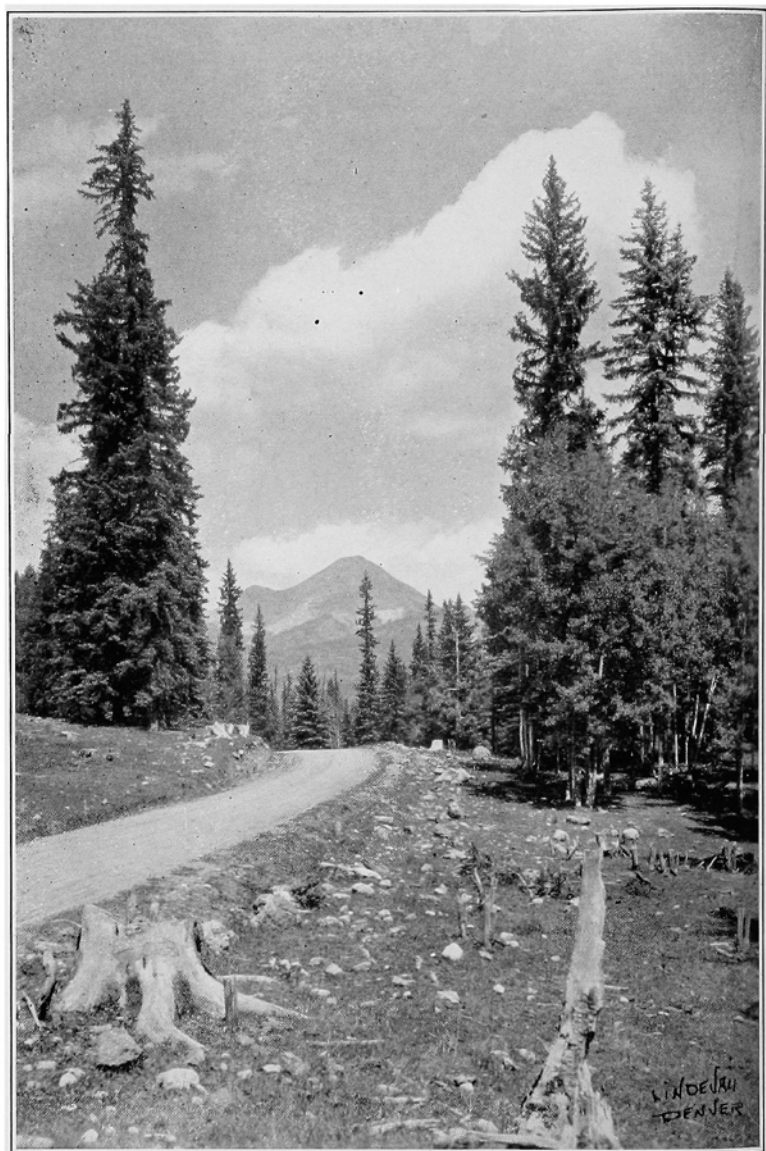
PRE-MEDICAL PRE-DENTAL COURSE

and

Foundation Work for Other Lines of Training

also

Vocational Training in Agriculture



Engineer Mountain, Million Dollar Highway.

COLLEGE CALENDAR

1939

First Semester

Registration.....	Tuesday, September 5
Special examinations for removal of conditions.	
Entrance examinations for those who plan to enter from non-accredited high schools.	
Regular classes begin.....	Wednesday morning, September 6
Colorado Educational Association Meeting in Durango.....	
.....	Friday and Saturday, October 6 and 7
Thanksgiving vacation begins at 3:45 p. m.....	Wednesday, November 29
and ends at 8:00 a. m.....	Monday, December 4
Christmas vacation begins at 3:45 p. m.....	Friday, December 22

1940

Christmas vacation ends at 8:00 a. m.....	Monday, January 8
First semester closes at 3:45 p. m.....	Friday, January 19

Second Semester

Registration.....	Monday forenoon, January 22
Second semester classes begin at 1:00 p. m.....	Monday, January 22
Spring vacation begins at 3:45 p. m.....	Friday, March 22
Spring vacation ends at 8:00 a. m.....	Monday, April 1
San Juan Basin High-School Senior Day.....	Friday, May 3
Second semester closes at 3:45 p. m.....	Wednesday, May 29

Granted to Colorado by the Federal Government with the stipulation that an educational institution should be maintained on this property, Fort Lewis was established as a state school to serve the young people of the San Juan Basin. With such a goal, more and finer opportunities are being offered here each year. To those who desire to grow and improve in knowledge and culture and thus be better prepared to enter upon a life filled with the happy confidence of being trained to do, this college offers much for your favorable consideration. You will enjoy and profit by being a member of a college community where all count it a privilege to work for the individual, mutual and common good.

ERNEST H. BADER, *Dean.*



Mt. Babcock and the Knife Edge. Fort Lewis Lies South
of the Mountains in the La Plata Valley.

THE STATE BOARD OF AGRICULTURE

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- Bader, Ernest H., B.S. (Colorado State College), M.S. (University of Colorado)Dean
- Brown, Marian, B.S. (Colorado State College), Advanced work for M.S. (Colorado State College and Iowa State College).....Home Economics
- Chinburg, Carl H., B.S. (Colorado State College) Advanced work for M.S. (Colorado State College).....Mathematics and Engineering
- Good, Margaret, A.B. (University of Denver), Advanced work for M.A. (Northwestern University, Denver University, University of Colorado, and Colorado State College).....
.....House Mother at Snyder Hall and Physical Education
- Hard, Harry O., B.S. (Colorado State College), M.A. (Colorado State College of Education).....Vocational Agriculture
- Hayman, George C., (Oklahoma A. and M. College) (Western State)....
.....Vocational Agriculture
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- Koonce, Dwight, B.S. (Colorado State College), M.S. (Utah State College of Agriculture).....Agronomy
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.....Vice-Dean and Coach
- Moinat, Arthur D., B.S. (Colorado State College), M.S. (Oregon State College), Ph.D. (University of Illinois), Graduate study (University of Chicago).....Botany and Agriculture
- O'Brien, Irene, B.S. (State Teachers' College, Maryville, Missouri), M.A. (University of Missouri), Advanced work for Ph.D. (Peabody College for Teachers, Nashville).....Education, Dean of Women
- Pollock, Floyd A., B.A. (Baker University, Missouri), M.S. (Colorado State College), Graduate study for Ph.D. (University of Southern California).....Social Science
- Smith, Raymond R., B.S., M.S. (University of Colorado), Graduate study for Ph.D. (Denver University, University of Michigan, University of Southern California).....Mathematics and Engineering
- Trimble, Martha, B.S. (Colorado State College), Advanced work for M.A. (University of Colorado).....English, Literature, and Dramatics
.....Librarian

COLORADO STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS

Fort Lewis Branch

The Fort Lewis College is a part of the land-grant college system of Colorado, established through the grant of 6,318 acres of the former Fort Lewis Military Reservation and Indian School lands with all buildings and fixed equipment, to Colorado, by act of Congress approved April 4, 1910. The provisions of this act were accepted by the Eighteenth General Assembly of the state, in an act approved January 25, 1911.

The "Fort Lewis School" was opened to students in October, 1911, offering secondary courses in Agriculture, Home Economics and Mechanics. Rural teacher-training courses were added in 1915. These secondary courses were discontinued in 1935.

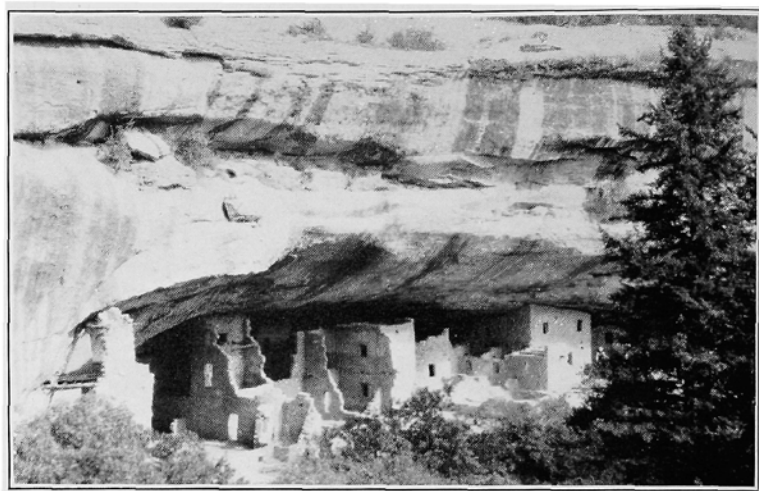
In the fall of 1927, college work was first offered, and twenty-seven freshmen enrolled—the first of hundreds of young people of the Southwest to receive collegiate training at the Ft. Lewis Branch of Colorado State College.

Credits earned at the Fort Lewis Branch are placed on file with the registrar of the home institution at Fort Collins and may be used there or may be transferred from there to the institution of the student's choice.

The college has sent many students to the senior colleges of Colorado and of other states for their last two years of college work. These students have demonstrated their ability to carry their work with credit and have won recognition of the high standard of scholarship maintained at Fort Lewis.

A student who does not change his major course and who carries a full two years load at Fort Lewis, while maintaining a "C" average experiences no difficulty in completing his college work in four years when that major course is later pursued in some other institution.

Campus—Buildings and Equipment.—With fifteen major buildings and a greater number of residences and smaller structures, Fort Lewis Branch of Colorado State College is equipped to take care of all of the needs of the students with modern and standard facilities commensurate with provisions for superior quality of collegiate training. The new library building, which will be fully equipped for the next college term, is the latest building addition. It is the first of a series of new structures which are being planned for the ten-year building program, and represents a step forward in architecture, construction and finish. It more nearly reflects the policy which has been followed in improving and equipping the dormitories, the laboratories, classrooms and recreational facilities of the college to give the young people of the San Juan region the best opportunities possible. Visitors are always welcome.



Cities of the Past. Fort Lewis Lies Within the Richest Archaeological Region of the West.

REQUIREMENTS FOR ADMISSION

The application for admission, which includes a transcript of the high-school record, must be submitted before the time of registration, and should be on file not later than September 1. These blanks are available at the high school principal's office and should be sent in as soon as possible after high-school graduation. In every case the application should reach the registrar's office in time for the applicant to be notified whether his credentials are sufficient for entrance. Applications for admission from those who are graduates of unaccredited high schools will be passed upon according to the merits of each individual case.

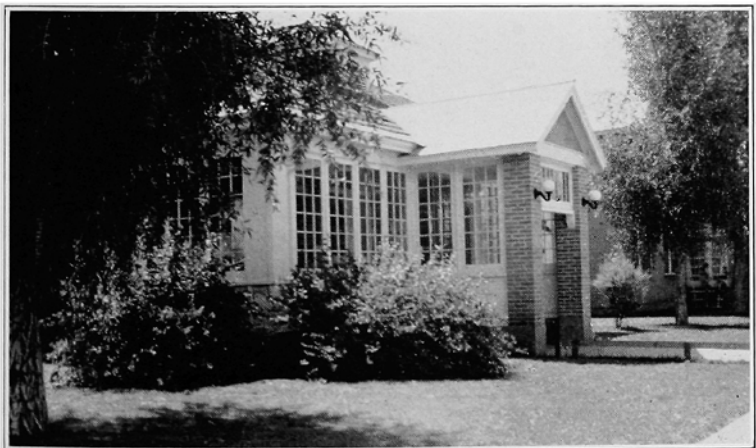
Any person who has been graduated from an accredited Colorado high school will be eligible to register here, provided the following prescribed units have been included in his high-school course of study:

	All divisions except Engineering	Engineering*
English	3	3
Mathematics		
*Algebra	1	1½
Geometry	1	1
*Solid Geometry		½
Science		
Physics		1
Physical or biological.....		2
Electives	10	6
	—	—
	15	15

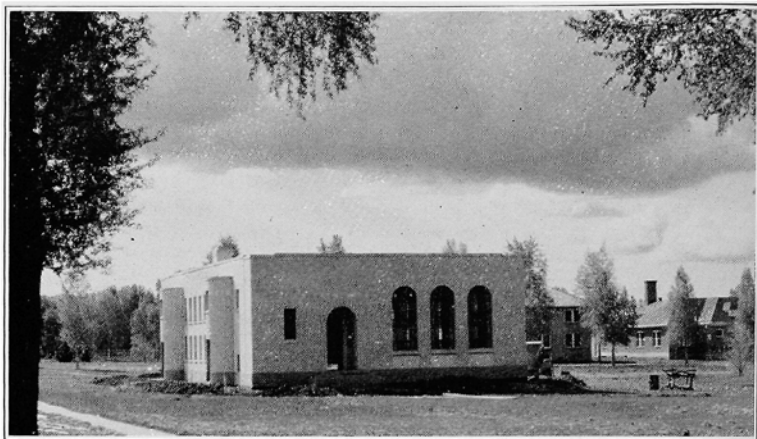
*For those not having the advanced algebra and the $\frac{1}{2}$ unit of solid geometry, provision will be made for them to take these subjects without credit during the first semester of their freshman year. Such students in order to clear the deficiency in mathematics will not be able to complete the required second semester's work in English Composition during the freshman year. This must be cleared during the first semester of the sophomore year.

Non-residents of Colorado, in addition to the above requirements, must be eligible for admission to the land-grant institution in the state where the high-school work was done.

It is recommended that students, in their high-school work, include 2 years of history, and 2 years 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 Executive Committee of the faculty, who will consider each application upon its merits. Students over 25 years of age may be granted conditional entrance to college. Students from unaccredited high schools may be required to pass one of the standard college-entrance tests. Students entering college without work in history will be expected to take such in college.



The Administration Building. The Business and Administrative Affairs of the College Are Transacted Here.



The Library. This Handsome Building Is the Latest Addition to the Campus and the First Unit of a Ten-Year Building Program.

OPPORTUNITIES FOR GRADUATES

The Fort Lewis Branch of the Colorado State College gives students the opportunity of pursuing for two years most of the major courses offered at the home institution. In addition to these is offered a course in Education and preliminary training in other majors such as medicine, dentistry, arts, science, journalism and business.

Colorado State College is proud of the records of its graduates in securing jobs in fields for which they have prepared themselves. Almost 100 percent of the graduates of the past few years have found attractive employment.

Here are some of the vocational opportunities which are opened up by degrees in the major fields of the college:

Agriculture.—Graduates in agriculture have been finding employment as teachers of vocational agriculture, in extension work, agricultural journalism, dairying, scientific research, and private industries associated with agriculture such as sugar companies, farm implement companies, fruit companies, railroads, and farm and ranch management. Many graduates become farmers and stockmen.

Forestry.—Most forestry graduates seek employment either in the Federal Forest Service or the National Park Service. Such positions are secured through competitive federal civil service examinations. Some graduates secure positions in nurseries, as city foresters, or in such government work as soil conservation and agricultural extension.

Engineering.—Many civil and irrigation engineering graduates find positions with the United States Bureau of Reclamation. Some become highway engineers. Many mechanical and electrical engineers secure positions with large corporations in the electrical manufacturing or the utilities fields. Graduates from all three courses are engaged in general governmental services and private business related to engineering. Graduates of the general and industrial arts engineering courses are equipped to teach industrial arts courses in the public schools or for employment with industrial or commercial firms needing men with engineering training.

Home Economics.—Home economics graduates find positions in hospitals and commercial dietetics; institutional management in the hotel, cafe, and cafeteria fields; home economics teaching; extension work, interior decoration, demonstration work for industrial concerns, various types of store work, and home economics journalism. Seniors may choose six different course schedules, according to their specific interests.

Science.—Botany and chemistry majors are equipped for scientific investigation and research, both in government service and in private industry. Many are now teaching in high schools and colleges. Many botany majors are employed by the United States Department of Agriculture and other state and federal agencies.

Economics and Sociology.—Graduates are equipped for the fields of agricultural economics, social service work, and teaching.

Physical Education.—Men who major in physical education are equipped for athletic coaching or for the general supervision of athletic, recreational and play programs.

Veterinary Medicine.—One year of college work is now required for admission to the veterinary course. This year of work may be taken at Fort Lewis. Graduates of veterinary medicine find employment in municipal regulatory work, in the army veterinary corps, with the Federal Bureau of Animal Industry, with meat packing concerns, or in private practice.

Education.—Graduates of the two and the three-year courses find many opportunities in the schools of the San Juan Basin.

There is an ever increasing demand for those who have prepared to teach in our rural schools. Many of the Fort Lewis graduates have established such fine teaching standards in the Basin schools that it has been impossible to supply enough candidates to meet the demand. The opportunities are good for those who are sincere in their desires and efforts to prepare adequately to teach in the public schools.

Assemblies

Student body assemblies are held each week. Student organizations furnish part of the programs, and outside speakers are secured for the others. Quality points are awarded for regular attendance.

EXTRA-CURRICULAR ACTIVITIES

As a student at Fort Lewis you will have the privilege of taking part in a variety of well-equipped and supervised extra-curricular activities.

Each student is encouraged to participate in at least one of these activities as they undoubtedly supplement the work of the classroom and the laboratory in a constructive way.

Student Activities

Following is an outline of the student organizations and activities on the Fort Lewis campus:

Associated Students

(Student self government)

Student Council

(Student executive committee)

Student Publications

Fort Lewis Collegian (Newspaper)
Cadet (Yearbook)

Clubs

Dramatic club
Camera club
"A" club

Men's Athletics

Football
Basketball
Track
Baseball
Tennis
Tumbling

Women's Athletics

Basketball
Tennis
Softball
Volleyball
Dancing

Musical Organizations

Band
Orchestra
Men's glee club
Women's glee club

General

Senior Day (entertainment of high-school seniors)
Student dances
Student parties



"Please Pass the ——." The Dining Hall Is a Busy Place Three Times Each Day.

College Expenses

First Semester

*Board and room—2 in room, per month.....	\$26.00
Non-resident fee, no refund.....	12.50
Tuition, no refund.....	25.00
Registration fee, no refund.....	5.00
Fees for laboratory courses:	
Applied Design	1.00
Botany	1.00
Chemistry	5.00
Clothing II	2.00
Elementary Arts and Handicraft.....	2.00
Field Work	2.00
Introduction to Biology.....	1.00
Pattern Making	3.00
Physics	3.00
General Methods and Management.....	2.00
Zoology	2.00
Deposits:	
Breakage deposit	5.00
Key deposit	1.00
Property deposit	5.00

Student Fees:

Athletic	3.00
Class75
Dormitory	5.00
Individual use of radio per month.....	1.00
Student Activity	2.00
Student Publication75

Other Fees:

Change in registration.....	1.00
Failure to pay fees when due.....	2.00
Late registration	5.00

Second Semester

*Board and room—2 in room, per month.....	\$26.00
Non-resident fee, no refund.....	12.50
Tuition, no refund.....	25.00
Registration fee, no refund.....	5.00

Fees for laboratory courses:

Botany	1.00
Chemistry	5.00
Clothing	2.00
Farm and Home Mechanics.....	2.00
Forge and Welding.....	4.00
Observation and Student Teaching.....	2.00
Physics	3.00
Plant Physiology	2.00
Quantitative Analyses	6.00
Selection and Preparation of Foods.....	5.00
Soils	3.00

Student Fees:

Annual	3.00
Athletic	3.00
Class75
Dormitory50
Individual use of radio per month.....	1.00
Student Activity	2.00
Student publication75

Other Fees:

Change in registration.....	1.00
Failure to pay fees when due.....	2.00
Late registration	5.00

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

A ruling of the State Board of Agriculture requires that all fees and other indebtedness to the institution must be paid before a student may take the final examinations for any semester. If a student fails to meet these requirements and petitions to take his examinations after the time regularly scheduled, there will be an additional charge of \$1.00 per semester credit for each such late examination.

Living Accommodations

Lory Hall for Women.—Lory Hall for Women, a two-story building, is located at the south end of the Campus, and faces the La Plata Mountains. There are thirty rooms, twenty-six of which are double. Each room is equipped with bedsteads, springs and mattresses, in alcoves that may be closed from the room by sliding doors. Each room also contains a study table, dresser, chairs, curtain rods and extension light cords.

A large living room with fireplace and furnished with overstuffed furniture, lamps, piano, and radio is open for residents and their guests. A recreation hour for dancing is reserved here each week.

The residents of the Hall are also permitted to use the gas-equipped kitchenette, and the living room in the Dean of Women's apartment where newspapers and current magazines are kept.

Snyder Hall for Men.—The large recreation room is a source of pleasure to all residents. A piano and radio, leather couch, comfortable rockers, sturdy wooden chairs and library tables comprise the furnishings in the room. For entertainment, there are games, daily newspapers and magazines. This clubroom, with its low-beamed ceiling, its rugged fireplace and pictures of athletic heroes, is a popular place for recreation.

The bedrooms are decorated in cream and tan. Each double bedroom has two sleeping alcoves and is furnished with dresser, study tables and chairs.

The large hall is used as a lounge. The large south window makes a sunny pleasant place to sit and talk. In this hall also are flowering plants, which add to the homelike atmosphere of the dormitory.



Living Room of Faculty Women's Quarters.

Scholarships—Employment—Loans

Scholarships.—The following regulations, governing the award of scholarships, were adopted by the six Colorado State Institutions of Higher Learning:

1. Scholarships are to be awarded by the faculty or a committee of the faculty of each accredited high school in Colorado on the following basis:

(a) 1 to 25 graduates.....	1 scholarship
26 to 50 graduates.....	2 scholarships
51 to 75 graduates.....	3 scholarships
76 to 100 graduates.....	4 scholarships
Over 100 graduates.....	5 scholarships

- (b) The students to receive the scholarships must rank in the upper 10 percent of their graduating classes in scholarship.
- (c) Election shall be made primarily upon the basis of scholastic achievement and promise of collegiate success.
- (d) The length of attendance at the respective high school need not be a determining factor in the award of the scholarships.

2. Scholarships may be used in any of the six state institutions of higher learning in Colorado. (They do not include student association fees, laboratory, library and health fees for certain state institutions, nor will they be honored in the professional schools of Law, Medicine, and Nursing of the University of Colorado.)

3. Each scholarship is awarded for one year only. To keep the scholarship in force the student must maintain a "C" average during each term of the freshman year. He must be in the upper 25 percent of the freshman class to be awarded the scholarship for the sophomore year. He must rank in the upper 25 percent of his class during each term of the sophomore year to retain the scholarship for that year.

4. Each state institution of higher learning will set up each year beginning in 1938 a number of scholarships open to competition for all students above the sophomore year.

5. A scholarship student may transfer from one state institution to another in the usual manner and use the scholarship as long as he meets all other conditions.

6. Scholarships are not valid during summer sessions.

7. A scholarship, to be honored must be used the fall term next following its issuance.

8. In a County High School System, a graduate of a branch school is entitled to a Joint Honor Scholarship within these regulations.

Note: The Certificate of Scholarship is the property of the student to whom issued, but must be presented at the institution of his choice on or before the day of registration. It will be kept on file there until returned to the student upon written request, which request may be kept on file in lieu of Certificate of Scholarship.

Recognition of Merit Scholarships.—The State Board of Agriculture authorizes the award of a limited number of Recognition of Merit Scholarships. In order to qualify for such scholarships, the student must have a record for good scholarship, for general activities, and hold promise of good college work and leadership. In scholastic standing he must be in the upper third of his high-school class. This scholarship has the same value as the Joint Honor Scholarship.

This Recognition of Merit Scholarship is good for one year, but can be extended for another year if the student has maintained a scholastic standard that places him in the upper third of his class, and if he is recommended for continuation for another year by the committee on scholarships.

Employment.—A few students find employment on the campus. New students with training for which there is a demand, may find employment to reduce living expense. Application with statement of training and needs should be filed with the Dean.

It is the policy of those in charge to favor students whenever service is needed. The best qualified and most willing have the preference.

The National Youth Administration has also been assisting a good many students with part-time work.

Loan Funds.—Two funds have been established to give assistance to needy students, the Snyder Memorial Loan Fund and the Marie Ochsner Memorial Loan Fund. Money may be borrowed after the completion of one semester's work by worthy students. Formal application must be made to the loan fund committee. Notes for all approved loans must be signed by the student and parent, and are drawn for one year or less.



Keepers of the Campus. At Fort Lewis a Number of Students May Earn a Portion of Their Expenses.



The Gymnasium. "All Work and No Play" Is Not the Rule at Fort Lewis.



Cagers. Basketball Is Popular at Fort Lewis.

Credits, Grades and Quality Points

A Credit Defined.—One credit is given for 1 hour of lecture or recitation work a week; or 2 hours in the laboratory. In a few instances, 3 hours of laboratory are required for 1 credit. Credit is also given for physical education on the basis of one-half credit a semester.

Grades.—The lowest passing grade is D. All students who make a standing of F will be considered failed, and must take such subjects 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 his average is below E at the end of a semester he will be dropped from the class.

There is also a grade of I—Incomplete—a temporary grade for work of satisfactory quality, but not completed because of unavoidable absences, with same conditions for clearing as for E.

An "incomplete" or "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 examination, 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 a student takes, but the grades 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 learn more but they will receive recognition for the same in quality points.

The grades and quality points given therefore are as follows:

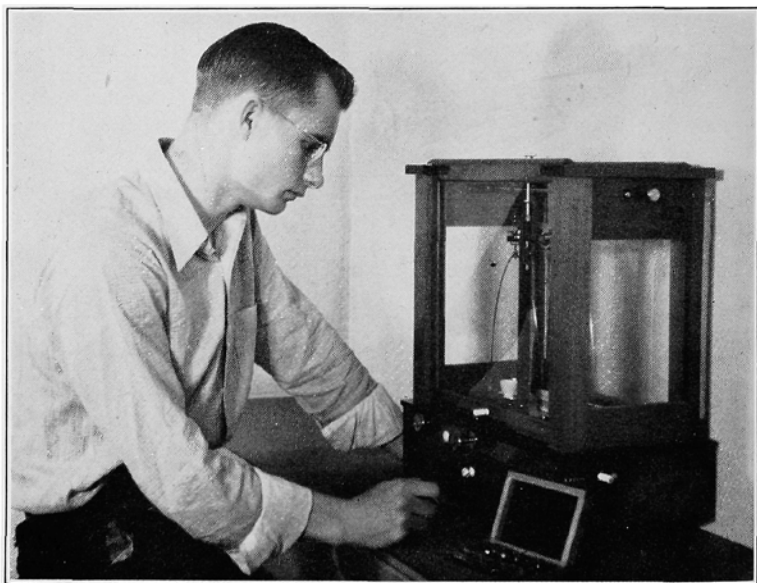
- A—Excellent (93 to 100)—3 quality points for each semester credit.
- B—Good (85 to 92)—2 quality points for each semester credit.
- C—Lowest satisfactory grade (77 to 84)—1 quality point for each semester credit.
- D—Passing (70 to 76)—No quality points.
- E—Condition or incomplete (temporary grade) (60 to 69)—minus $\frac{1}{2}$ quality point for each semester credit.
- F—Failure (below 60)—minus 1 quality point for each semester credit.

Certification—Graduation

Certificates.—At the end of two years work in which not less than 70 semester credits have been earned, a certificate of accomplishment is awarded at the Final Convocation.

Teacher's Certificate.—Graduates of the Education department who at the end of two years have completed the required courses are eligible to receive a certificate entitling them to teach in the rural schools of Colorado for one year. At the end of the three-year course they may receive a five-year certificate.

Graduation.—One hundred and forty credits and one hundred and forty quality points are required for graduation in all courses offered at Colorado State College, except veterinary medicine. Fort Lewis students may earn half of the credits required for graduation at "Colorado State" in the two years of work offered at this branch institution.



Precision! Excellent Laboratory Equipment Is the Rule at Fort Lewis.



Future Champions. Vocational Students Conduct Experiments in Livestock Feeding.

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	
E2	English Composition..... 3	E3	English Composition 3
C1	Inorganic Chemistry 3	C3	Inorganic Chemistry 3
C2	Inorganic Chemistry Laboratory 2	C4	Inorganic Chemistry Laboratory 2
B1	General Botany..... 2	B3	General Botany 2
B2	General Botany Laboratory 1	B4	General Botany Laboratory 1
M2	Algebra 5	M3	Plane Trigonometry..... 2
PE1	Physical Education 0.5	H1	General Horticulture..... 3
		ME3	Forge and Welding..... 1
		PE2	Physical Education 0.5

Sophomore Year

First Semester		Second Semester	
E51	Life in Literature..... 2	C7	Organic Chemistry..... 3
C5	Organic Chemistry..... 3	C8	Organic Chemistry Laboratory 2
C6	Organic Chemistry Laboratory 2	AG2	Soils 3
EZ11	Zoology 3	AG4	Soils Laboratory..... 2
EZ12	Zoology Laboratory..... 2	EZ4	Economic Entomology 3
B16	Plant Classification 3	E25	Public Speaking 2
AG31	Principles of Genetics..... 2	ES3	Economics 3
PE3	Physical Education 0.5	PE4	Physical Education 0.5



A Portion of the Biological Laboratory. Fort Lewis Is Excellently Equipped for Study of the Life Sciences.

Course in Forestry

Freshman Year

First Semester		Second Semester	
E2	English Composition..... 3	B13	Plant Anatomy..... 3
C1	Inorganic Chemistry..... 3	E3	English Composition..... 3
C2	Inorganic Chemistry Laboratory..... 2	C3	Inorganic Chemistry..... 3
B1	General Botany..... 2	C4	Inorganic Chemistry Laboratory..... 2
B2	General Botany Laboratory..... 1	B3	General Botany..... 2
M2	Algebra..... 5	B4	General Botany Laboratory..... 1
PE1	Physical Education..... 0.5	M3	Plane Trigonometry..... 2
		PE2	Physical Education..... 0.5

Sophomore Year

First Semester		Second Semester	
C5	Organic Chemistry..... 3	E25	Public Speaking..... 2
C6	Organic Chemistry Laboratory..... 2	AG2	Soils..... 3
B16	Plant Classification..... 3	AG4	Soils Laboratory..... 2
CE1	Elementary Surveying..... 3	ES3	Economics..... 3
CE2	Surveying Field Work..... 1	E52	Life in Literature..... 2
EZ11	Zoology..... 3	Ph7	Physics..... 5
EZ12	Zoology Laboratory..... 2	PE4	Physical Education..... 0.5
PE3	Physical Education..... 0.5		

Course in Civil, Electrical, and Mechanical Engineering

Freshman Year

First Semester		Second Semester	
E2	English Composition..... 3	E2	English Composition..... 3
C1	Inorganic Chemistry..... 3	C3	Inorganic Chemistry..... 3
C2	Inorganic Chemistry Laboratory..... 2	C4	Inorganic Chemistry Laboratory..... 2
M4	Mathematics for Engi- neers..... 5	M5	Mathematics for Engi- neers..... 5
ME20	Mechanical Drawing..... 3	ME21	Mechanical Drawing..... 1
PE1	Physical Education..... 0.5	ME4	Forge and Welding..... 1
		E25	Public Speaking..... 2
		PE2	Physical Education..... 0.5

Sophomore Year

First Semester		Second Semester	
M21	Mathematics for Engi- neers..... 4	M26	Mathematics for Engi- neers..... 4
Ph5	Physics..... 3	Ph9	Physics..... 3
Ph6	Physics Laboratory..... 2	Ph10	Physics Laboratory..... 2
ME22	Descriptive Geometry..... 2	ME28	Theoretical Mechanics..... 3
CE1	Elementary Surveying..... 3	CE13	Higher Surveying..... 3
CE2	Surveying Field Work..... 1	CE14	Surveying Field Work..... 2
E26	Public Discussion..... 2	PE4	Physical Education..... 0.5
PE3	Physical Education..... 0.5		



The Machine Age. Fort Lewis Offers Two Years of Work Leading to Degrees in Electrical, Mechanical, Civil, and Irrigation Engineering.



Dormitory Life Is the "Norm" at Fort Lewis.



Christmas at Lory Hall. Social Affairs at Fort Lewis Are Numerous and Varied.



What Shall I Wear? Home Economics Is One of the Major Courses Offered at Fort Lewis.

Home Economics

Freshman Year

First Semester		Second Semester			
E2	English Composition	3	E3	English Composition	3
C1	Inorganic Chemistry.....	3	C3	Inorganic Chemistry.....	3
C2	Inorganic Chemistry Laboratory	2	C4	Inorganic Chemistry Laboratory	2
HE1	Color and Design.....	2	HE16	Textiles and Clothing.....	3
HE01	Orientation	2	VP22	Human Anatomy and Physiology	5
M1	Mathematical Analysis.....	5	PE52	Physical Education	0.5
	or				
M2	Algebra	5			
PE51	Physical Education	0.5			

Sophomore Year

First Semester		Second Semester			
C5	Organic Chemistry.....	3	Ph1	Physics	3
C6	Organic Chemistry Laboratory	2	Ph2	Physics Laboratory	2
L1	French	5	L2	French	5
B1	General Botany.....	2	HE2	Advanced Design	2
B2	General Botany Laboratory	1	HE30	Food Selection and Preparation	5
HE17	Costume Design and Construction	5	PE54	Physical Education	0.5
PE53	Physical Education	0.5			

Course in Education

First Year

First Semester		Second Semester		
E2	English Composition	3	E3 English Composition	3
Sc1	Introduction to Biological Science	3	ES90 Government	3
Mu1	Music Fundamentals.....	2	MuT63 Sight Singing and Ear Training	2
Ed4	Introduction to Education	3	PE50 Personal and Community Health	3
Ed10	General Psychology.....	3	ES86 World History.....	3
ES85	World History.....	3	PE52 Physical Education	0.5
PE51	Physical Education	0.5	Ag1 General Agriculture for Teachers	3

Second Year

First Semester		Second Semester		
Ed9	General Methods and Management	5	Ed19 Observation and Student Teaching	5
Sc2	Introduction to Physical Science	4	Ed8 Teaching the Fine Arts....	3
ES83	American History.....	3	ES84 American History.....	3
PE53	Physical Education	0.5	PE54 Physical Education	0.5
Ed105	Educational Psychology....	3	Ed12 Teaching Health and Physical Education	2
Art1	Elementary Arts and Handicraft	2	ME5 Farm and Home Mechanics	2
			Mu2 Music Appreciation	2

Third Year

First Semester		Second Semester		
E51	Life in Literature.....	2	Ed18 Teaching Social Studies....	3
Ed16	Teaching Science	3	E52 Life in Literature.....	2
ES13	World Geography.....	3	ES82 Colorado History, Geogra- phy and School Law.....	3
Ed14	Teaching Language Arts..	3	Art2 Art Appreciation.....	2
HE1	Color and Design or		E25 Public Speaking	2
E26	Public Discussion.....	2	C3 and C4 Inorganic Chemistry or	
C1 and C2	Inorganic Chemistry or		HE19 Dietetics for the Home or	
M2	Algebra or		E7 Functional English and	
ES50	Sociology or		HE16 Textiles and Clothing or	
C51	Elementary Geology and		EZ4 Entomology or	
E8	Journalistic Writing	5	H1 Horticulture	5



Wearers of the "A". A Point System Permits Women to Earn Their "Letters" in a Varied Sports Program.



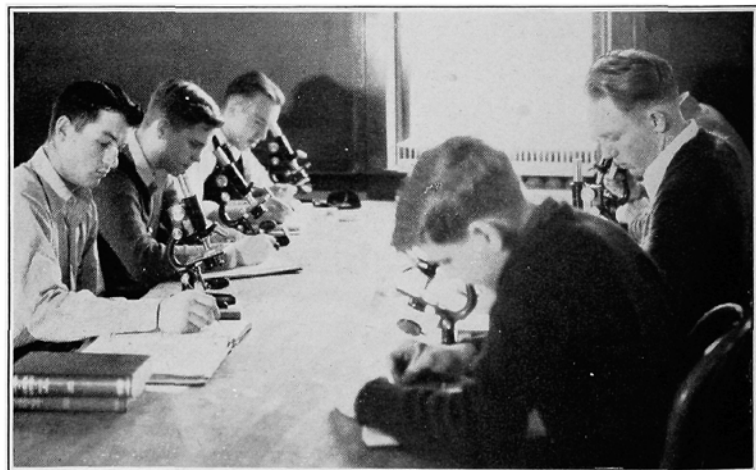
Chemistry. The Best of Equipment Is Provided for Chemistry Which Is a Basic Subject in Several Courses.



"Two Times Two." Education Students Observe and Do Practice Teaching in a Real School.

Special Courses

Because of the wide selection allowed in most Universities in the choice of majors and minors, it is not feasible to list the subjects to be carried by special students. Students in the fields of medicine, dentistry, business administration, journalism, general arts, should arrange their schedules with the registrar. If possible bring the catalog of the school you wish to attend following the completion of the two years of work at Fort Lewis so that your course may be wisely chosen.



New Worlds Unfold. Biology Is a Basic Course in Several Curricula.

Vocational Training

The National Youth Administration and the State Board for Vocational Education are cooperating with the State Board of Agriculture in making vocational training available at the Fort Lewis Branch of the Colorado State College.

Purpose.—This work is organized for making it possible for young men of limited finances, who are interested in agriculture and farm building to receive practical training for their work.

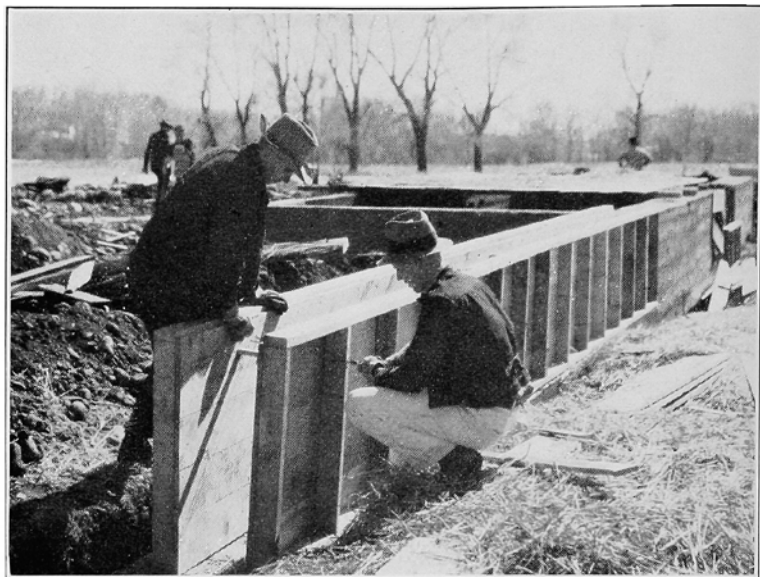
Training.—It is believed that the most effective learning is "learning by doing." It was with this in mind that the requirement was made that each boy perform every job that needs to be performed on a modern farm a sufficient number of times to become proficient in doing that job. Furthermore, as far as possible, the scientific principles involved are discussed at the time the job is performed.

Upon enrolling, students are given tests in English, Arithmetic, Science, Reading and Social Science, and part of the classroom program is planned for the purpose of removing any deficiencies which are found on the part of any student. This instruction is limited to those fundamentals which it is believed are essential for living in a democracy and to efficient service in the vocation chosen.

Another very valuable phase of the training program is the work for pay. This work embraces every phase involved in the construction of a building. An experienced builder is in charge and time is devoted to studying the problems that arise in the building work which is being done.



Builders. In Addition to Its College Courses Fort Lewis Offers Vocational Work.



A Building Takes Form. Vocational Students Demonstrate Their Skill by Building a Dormitory for Themselves.

Costs.—The principle expenses are twenty-two dollars and fifty cents per month for board and room and five dollars each semester for a student activity fee.

Who May Enroll.—Enrollment is open to young men between the ages of eighteen and twenty-five. In order to enroll, a written application must be made on forms which will be furnished upon request.

It is not necessary for applicants to be graduated from high school. Training will vary somewhat to meet the individual's background of school and other experiences. Those who are high-school graduates may take a maximum of five college hours of work for credit by paying the necessary fees.

Enrollment Periods.—Young men may enroll anytime from May to September or during the month of January.

It is advantageous for boys to enroll for a period of at least one year.

Bedding and Clothing.—Students should come prepared with their own work and dress clothes and bedding above the mattress.

Plans for Girls.—Plans are being considered to enlarge the vocational training program to include homemaking training for girls.

Colorado State Institutions of Higher Learning

The University of Colorado.....Boulder
GEORGE E. NORLIN, President

The Colorado State College.....Fort Collins
(Of Agriculture and Mechanic Arts)
CHARLES A. LORY, President

Fort Lewis Branch.....Hesperus
E. H. BADER, Dean

The Colorado School of Mines.....Golden
M. F. COOLBAUGH, President

The Colorado State College of Education.....Greeley
G. W. FRASIER, President

The Western State College.....Gunnison
C. C. CASEY, President

The Adams State Teachers College.....Alamosa
IRA RICHARDSON, President