



# FORT LEWIS A&M COLLEGE

DURANGO, COLORADO

## College Calendar

### 1957

September 8, Sunday	Housing Assignments and Open House at 1:00 p. m.
September 9, Monday	Freshmen Placement Tests.
September 9, Monday	Registration for Sophomores.
September 10, Tuesday	Guidance Conferences.
September 11, Wednesday	Registration for other students.
September 12, Thursday	Classes begin at 8:00 a.m.
September 18, Wednesday	Last day for refund on withdrawal from college.
September 25, Wednesday	Registration closes and last day for schedule changes. Last day for dropping subject without prejudice.
October 2, Wednesday	Last day for one-half refund.
October 16, Thursday	Honors Convocation at 11:00 a.m.
October 24-25, Thurs. and Fri.	C.E.A. Convention.
October 26, Saturday	Homecoming.
October 30, Wednesday	Last day for First-Semester Freshmen to drop subjects without prejudice.
November 11, Monday	Mid-semester grades in Registrar's office at 8:00 a.m.
November 20, Wednesday	Thanksgiving holidays begin at 8:00 a.m.
November 25, Monday	Classes reconvene at 8:00 a.m.
December 20, Friday	Christmas holidays begin at 5:00 p.m.

### 1958

January 6, Monday	Classes reconvene at 8:00 a.m.
January 26-28, Mon. - Wed.	Final examination.
January 28, Wednesday	Last day of semester.
February 3, Monday	Registration—All new students report.
February 4, Tuesday	Classes begin at 8:00 a.m.
February 10, Monday	Last day for refund on withdrawal from college.
February 17, Monday	Registration closes and last day for schedule changes. Last day for dropping courses without penalty.
February 24, Monday	Last day for one-half refund.

April 3, Thursday	Easter Vacation begins at 5:00 p.m. Mid-semester grades due in Registrar's office.
April 8, Tuesday	Classes reconvene at 8:00 a.m.
May 25, Sunday	Baccalaureate Service.
May 29, Thursday	Commencement.

## ART

The Art Department gives the student an opportunity to correlate the art of the past with materials and perspectives of contemporary art.

Courses are so arranged that the student may emerge as a professional in the world of art or as an interested and understanding spectator.

In either case, the courses set forth below are designed to make life fuller and more meaningful for those who are sincere in their studies.

### FRESHMAN YEAR

#### First Semester

A-1	Art Interpretation	(2-2)	3
A-11	Basic Drawing	(3-3)	4
EL-3	Freshman English	(3-0)	3
	*Social Studies	(3-0)	3
	Physical Activity	(0-2)	1
	College Adjustment	(1-0)	1
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#### Second Semester

A-12	Fundamentals of Oil Painting	(2-3)	3
A-22	Ceramics	(0-6)	2
EL-4	Freshman English	(3-0)	3
	*Social Studies	(3-0)	3
	Physical Activity	(0-2)	1
	<sup>2</sup> Elective		4
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### SOPHOMORE YEAR

#### First Semester

A-51	Basic Sculpturing	(0-6)	3
EL-69	<sup>1</sup> Survey of English Literature	(3-0)	3
IA-31	Handicraft	(1-3)	2
	Science with Laboratory	(3-3)	4
	Physical Activity	(0-2)	1
	<sup>2</sup> Elective		4
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#### Second Semester

A-52	Sculpture	(0-6)	3
A-62	Art for Classroom Teachers	(2-2)	3
EL-70	<sup>1</sup> Survey of English Literature	(3-0)	3
	Science with Laboratory	(3-3)	4
	Physical Activity	(0-2)	1
	<sup>2</sup> Elective		4
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\* The following courses will satisfy the social studies requirement: United States History, Government, Intro. to Sociology, or Principles of Economics.

<sup>1</sup> Introduction to Literature may be substituted for Survey of English Literature.

<sup>2</sup> Suggested Elective: Commercial Art, Foreign language.

# DESCRIPTION OF COURSES

## ART

### **A-1 ART INTERPRETATION (2-2)3**

The course proposes to establish favorable attitudes to the arts fundamental to the needs of humanity. It will include the study of great works of art and the mundane as well as the mystic thinking that inspired the great men who produced them. Important periods and styles from prehistoric findings to present day art will be selected for study.

Material for the course includes two-one-hour periods of academic work consisting of lectures, panel discussions and audiovisual aids; and one-two-hour laboratory period devoted to manipulation of art material.

This course is prerequisite to all other art courses except where it is necessary that it run concurrently with other beginning courses.

### **A-11 BASIC DRAWING (3-3)4**

A foundation course in art. Practice in elementary problems in free-hand drawing perspective, color and design, and basics of composition. Prerequisite: A-1 or concurrently, with A-1.

### **A-12 FUNDAMENTALS OF OIL PAINTING (2-3)3**

Students in oil painting will concentrate on drawing from life and still life, posing models and arranging still life drawings for paintings; selecting appropriate subject matter; preliminary sketching in media other than oil. Preliminary instruction in oil painting materials and techniques.

Prerequisite: A-11.

### **A-22 CERAMICS (0-6)2**

Ceramics deals with the treatment of clay bodies and plaster as applied to ceramics. The fundamental course includes practices in hand building, throwing and turning on the potters wheel; making models, casting, and decorating, firing, and glazing ceramic ware.

Prerequisite: A-1.

### **A-51 BASIC SCULPTURE (0-6)3**

A fundamental course in sculpture. The course consists of modeling in plastic materials and carving and shaping more rigid and resistant materials such as wood, metal and stone.

Prerequisites: A-1, A-11.

### **A-52 SCULPTURE (0-6)3**

A continuation of A-51.

Prerequisite A-51.

### **A-62 ART FOR CLASSROOM TEACHERS (2-2)3**

This course is especially designed for the elementary and junior high school teacher with a view toward supplying the artistic needs of the child. The course also provides for the study of the place and purpose of art in the public school and community.

Prerequisite: A-1.

## **APPLIED MUSIC**

Private lessons are available in clarinet, oboe, flute, bassoon, piano, trumpet, trombone, baritone, tuba, french horn, violin, viola, cello, and string bass, to all students at any level of instruction. See pg. 95 of catalog for course no., etc.

## **SOCIAL STUDIES**

### **SS-31 HISTORY OF WESTERN CIVILIZATION (3-0)3**

A course tracing the story of civilization from the most ancient times to the present day. Balanced attention is given to political, social, economic, and cultural developments.

### **SS-4 HISTORY OF WESTERN CIVILIZATION (3-0)3**

A continuation of SS-3.

### **SS-71 WORLD GEOGRAPHY (3-0)3**

An introduction to world geography; physical and cultural regions; development of natural resources.

### **SS-82 GEOMORPHOLOGY (3-2)4**

A systematic study of the physical and biotic environment: world patterns of climate, land forms, natural vegetation, animal life, and mineral resources. Field trip.

# Fort Lewis A & M COLLEGE

DURANGO CAMPUS

DURANGO, COLORADO



## Adult Education Program

First Semester

Second Semester

Fall Registration

Winter Registration

7:00-10:00 P.M.

7:00-10:00 P.M.

September 12, 1957

February 4, 1958

CLASSES BEGIN

6:30 P.M. September 16, 1957 & 6:30 P.M. February 6, 1958

FOR INFORMATION — CALL DURANGO CH 7-3390

Education — General Interest — Commercial — Academic

## **Aim of the Adult Education Program**

The history of the human race has been the history of the individual's drive to excel himself—and his neighbor. We have always lived in a world that changed radically from day to day, yet in a world that always provided centers of higher learning for those who wished to increase the extent of their personal knowledge and ability. For a long time we have known that to cease growing is to die. Now that we have more leisure time in our daily lives we must use it for self-improvement.

The aim of an adult education program is to provide equal educational opportunities for those who feel the need for academic, cultural, recreational, or vocational activities. More and more Fort Lewis A & M College is becoming the center of activities for adults who wish to remain mentally alert and to increase the scope of their intellectual life. No one ever becomes too old to take advantage of our offerings. To continue learning is to live fully.

## **Policy**

Since we are a state institution we consider it our primary duty to serve everyone in the region. Although the history of Fort Lewis A & M College has been the history of such service to the community, we wish to expand our facilities even more than we ever have so that all may profit from our strategic position in the San Juan Basin. If groups of people throughout the Basin can take the initiative and travel together to our Durango campus for the evening classes we offer, the personal gain to everyone concerned will be enormous. Any request made concerning a particular course desired, even if not listed in our bulletin, will receive our immediate consideration. Fort Lewis A & M College is here to serve you.

## **Registration for Adult Classes**

Registration for the first semester **ADULT EVENING CLASSES** will be held in the College Library on the new Durango campus, Thursday evening, September 12, from 7:00 p.m. to 10:00 p.m. First semester evening classes will begin Monday evening, September 16, at 6:30 p.m., or in accordance with the enrollee's particular class schedule. Changes in registration or late registration for classes will be made Monday evening, September 16. **REGISTRATION FOR SATURDAY MORNING CLASSES** will be held in the College Library starting at 8:00 a.m., Saturday, September 21.

## Who May Register for Courses

Any person over 18 years of age who is a high school graduate may register for Adult Education Classes. If, however, the student desires college credit for work under this program, he must meet one of the college admission requirements: (1) He must be a high school graduate with a minimum of 15 units of work, 3 units of which must be in English; (2) He must present a High School Equivalent Certificate; (3) He must have successfully passed the G. E. D. tests. A person desiring college credit should apply for admission and send to the Director of Admissions of this College, prior to registration, evidence of achievement in one of the above classifications.

## Tuition and Costs

All persons registering for Adult Education courses will be required to pay a \$2.00 registration fee. Cost of courses will be at the rate of \$4.00 per non-credit hour, and \$6.00 per credit hour. Certain courses such as Art, Welding, Creative Writing, and Lapidary carry special fees to defray expenses inherent in the course. Costs of courses are given in the back of this bulletin with the course descriptions.

## Class Schedule

The class schedule will be found in the center section of this bulletin. Readjustment of the schedule may be necessary in a few cases to more nearly meet the requirements of certain classes. Such changes must meet the approval of both the class and the instructor.

Hours at which classes will meet are noted in the center section under the schedule. Some classes will meet but once weekly whereas others will meet twice each week. Academic classes have been arranged to conform with the requirements of regular college classes. The semester in which a course will be offered is denoted in the center section by Roman numerals. (I) indicates a first semester course, and (II) indicates the course will be offered during the second semester (February 4-May 29). Since the objective of the Adult Education program is to serve the needs of the residents of the San Juan Basin, courses will be added whenever the need arises.

## Description of Courses

A description of courses to be offered will be found in the back of this bulletin. The description carries the course number, title, fee, semester offered, number of hours of lecture, number of hours of laboratory, and a brief description of what the course will cover.



## **Credit and Non-Credit Courses**

Courses of an academic nature carry college credit, whereas those of a general interest nature do not carry college credit. If a student so elects, any course may be carried on a non-credit basis. Along with course descriptions, notation has been made of courses which carry college credit and those which carry no college credit. The notation "NC" indicates no credit. The notation "credit" indicates that college credit may be received.

## **Instructors**

Instructors in courses will be regular instructors of the Fort Lewis A & M College staff, or other qualified persons who are recognized in the field in which they will teach.

## **Class Requirements**

A minimum registration of 8 people will be required in most classes. Following registration, the College Staff will decide which courses will not be offered because of insufficient registration. Adults registered in a class which will not be offered will be so notified prior to the first class meeting. Such registrants will be permitted to change their registration at the time of first meeting of classes. Fees will be refunded those who do not wish to register for other classes. Limited registration will be permitted in certain courses such as Welding, Woodworking, Lapidary, etc., where there are equipment or space limitations. In these instances, class registration will be closed as soon as the maximum allowable number has registered for the course.

## **Class Loads**

Persons registering for Adult Education Classes will be limited to two courses in any one semester. Persons desiring to register for more than this must secure the approval of the Director of Adult Education Program.

## **Fees**

All class fees due and payable at the time of registration. If a person withdraws from a course during the first week, one-half of the fees will be refunded; after the first week, no refund will be made.

# Class Schedule

COURSE	SEMESTER	DAY	TIME	ROOM
<b>ACADEMIC</b>				
General Geology .....	I	T-Th	7:00-10:00	146
General Geology .....	II	T-Th	7:00-10:00	146
Mineralogy .....	I	M-W	7:00-10:00	104
General Psychology .....	I	T-Th	7:30-10:00	149
Intermediate Algebra .....	I	M-W	8:00- 8:30	123
Trigonometry .....	II	M-W	8:00- 9:30	123
Analytic Geometry .....	I	T-Th	7:30- 9:30	149
Differential Calculus .....	I	T-Th	7:00- 9:30	149
Conversational Spanish ...I & II		M-W	7:00- 8:30	147
Freshman English .....	I	T-Th	7:30- 9:00	145
Elementary Acting .....	I & II	M-W	7:30- 9:00	145
<b>ART</b>				
Art Interpretation .....	I	M-W	6:30- 8:30	105
Basic Drawing .....	I	M-W	8:30-10:30	105
Basic Design .....	II	M-W	6:30- 8:30	105
Ceramics .....	I	T-Th	8:30-10:30	105
China Painting .....	I	T-Th	6:30- 8:30	105
Art for Classroom Teachers ..I		M-W	8:30-10:00	105
Fundamental of Oil Painting ..II		T-Th	6:30- 8:30	105
Commercial Art .....	II	T-Th	8:30-10:30	105
<b>BUSINESS</b>				
Elementary Typewriting .....	I	M-W	6:30- 8:30	138
Advanced Typewriting .....	II	M-W	6:30- 8:30	138
Stenography I .....	I	M-W	8:30-10:30	138
Stenography II .....	II	M-W	8:30-10:30	138
Principles of Accounting I .....	I	T-Th	8:30-10:30	137
Principles of Accounting II .....	II	T-Th	8:30-10:30	137
Intermediate Accounting .....	I	M-W	8:30-10:00	137
Dictation and Transcription ...II		T-Th	7:30- 9:00	144
Business Mathematics .....	I	T-Th	6:30- 8:30	144
Secretarial Procedures .....	I	T-Th	8:30-10:00	138
Stenographic Machines .....	II	T-Th	6:30- 8:30	138
Calculating Machines .....	II	T-Th	8:30-10:30	138
Business Law .....	II	M	6:30- 9:30	144
Insurance and Real Estate .....	II	T	7:30- 9:30	145
<b>EDUCATION</b>				
First Aid .....	I	M	7:00- 9:00	147
Officiating Sports .....	I	W	7:30- 9:30	Gym
Improving Your Reading .....	II	W	7:30- 9:30	Library

# Class Schedule

COURSE	SEMESTER	DAY	TIME	ROOM
<b>HOBBIES AND HANDICRAFTS</b>				
Elementary Woodworking .....	I.....	M .....	6:30- 8:30.....	Shop
Advanced Woodworking .....	II.....	M .....	6:30-10:30.....	Shop
Welding .....	I & II.....	M .....	6:30-10:30.....	Shop
Handicraft .....	I.....	M .....	6:30-10:30.....	Shop
Lapidary Work .....	I.....	W .....	6:30-10:30.....	Shop
Silversmithing .....	II.....	W .....	6:30-10:30.....	Shop
Landscape Design .....	I.....	T .....	7:00-10:00.....	122
Floriculture & Floral Design ..	II.....	T .....	7:00-10:00.....	122
Elements of Photography .....	I.....	T .....	7:00-10:00.....	
<b>HOMEMAKING FOR ADULTS</b>				
Interior Decoration .....	II.....	M-W .....	7:00- 9:00.....	160
Meal Planning and Budgeting ..	I.....	M-W .....	7:00- 9:00.....	160
<b>RECREATION</b>				
Bridge .....	I.....	W .....	8:00-10:00.....	Foyer
Chess .....	II.....	M .....	8:00-10:00.....	Foyer
Hunting in the Southwest .....	I.....	W .....	8:00-10:00.....	104
Trout Fishing - Fly Fishing ..	II.....	W .....	8:00-10:00.....	Gym
<b>SCIENCE</b>				
Introduction to General				
Science .....	I.....	M-W .....	7:00- 9:00.....	123
Aviation Ground School .....	I.....	M .....	7:00-10:00.....	126

# COURSE DESCRIPTION

## Academic

- EL-81 ELEMENTARY ACTING** NC-\$8.00 Credit - \$12.00 I (1-3) 2  
Instruction and practical experience in the various phases of play production. Emphasis is placed upon interpreting intellectual and emotional content to an audience by means of vocal and body expression.
- G-11 GENERAL GEOLOGY** NC-\$16.00 Credit - \$24.00 I (3-3) 4  
A general introduction to physical and historical geology. For students majoring or minoring in geology.
- G-12 GENERAL GEOLOGY** NC-\$16.00 Credit - \$24.00 II (3-3) 4  
A continuation of the first semester course in geology.
- G-51 MINERALOGY** NC-\$12.00 Credit - \$18.00 I (3-0) 3  
A comprehensive course in the fields of mineralogy. The student is introduced to the more important fields of mineralogy, including crystallography, systematic mineralogy, chemical and physical mineralogy. Lectures are supplemented by laboratory determination of minerals by physical and chemical tests, and by study of collections. Prerequisite: General Geology and by permission of instructor.
- Ed-53 GENERAL PSYCHOLOGY** NC-\$12.00 Credit - \$18.00 I (3-0) 3  
Fundamental principles of psychology and their application to life, covering the topics of emotion, intelligence, attention, perception, learning, memory, thinking and motivation.
- M-11 INTERMEDIATE ALGEBRA** NC-\$12.00 Credit - \$18.00 I (3-0) 3  
Review of elementary algebra, linear and quadratic equations, variation, linear systems, exponents, functions and graphs, logarithms, and some statistics.
- M-12 TRIGONOMETRY** NC-\$12.00 Credit - \$18.00 II (3-0) 3  
Trigonometric functions of acute angles, trigonometric functions of the general angle, review of logarithms, solutions of right and oblique triangles, trigonometric functions of two angles, reduction formulas, trigonometric equations. Prerequisite: Intermediate Algebra or its equivalent.
- M-2 SLIDE RULE MATHEMATICS** NC-\$4.00 Credit - \$6.00 II (1-0) 1  
Instruction in the basic principles and use of the slide rule. Open to anyone who in his job or business sees the need for rapid calculation.
- FL-59 CONVERSATIONAL SPANISH** NC-\$8.00 2  
Just having fun learning a language that will enable you to visit Spanish-speaking centers. You should be able to make yourself clear in shopping, ordering food, fishing, or arranging for lodging.

- EL-12 VOCABULARY BUILDING NC-\$8.00 Credit - \$12.00 II (2-0) 2**  
 A study of words, with the object of increasing the vocabulary and gaining more accurate meanings of less common words.
- A-62 ART FOR CLASSROOM TEACHERS NC-\$12.00 Credit - \$18.00 (2-2) 3**  
 This course is especially designed for the elementary and junior high school teacher with a view toward supplying the artistic needs of the child. The course also provides for the study of the place and purpose of art in the public school and community.  
 Prerequisite: A-1.
- A-2 BASIC DESIGN NC-\$8.00 Credit - \$12.00 II (1-3) 2**  
 A beginning course in the creating of decorative art forms. Consideration is given to the elementary theory of design, theory of color, surface pattern, dark and light pattern, and space organization.
- A-7 BASIC DRAWING NC-\$8.00 Credit - \$12.00 I (1-3) 2**  
 A foundation course in art. The course is designed to encourage the student to formulate ideas and to express them suitably in graphic media: pencil, pen, charcoal, and watercolors.
- A-8 INTRODUCTION TO PAINTING NC-\$8.00 Credit - \$12.00 II (1-3) 2**  
 Experiments and investigations in painting with a view toward developing a command of the elements of art in the expression of the student's experience. Media will ordinarily be water color or oil. Both studio work and outside work are included.
- A-60 CHINA PAINTING NC-\$8.00 Credit - \$12.00 (1-3) 2**  
 This is a course planned to give the home doodler the basic processes in a skill that was almost forgotten until recently. Students will be taught sketching, painting, and firing of china. These will make excellent gifts for special occasions.
- A-22 CERAMICS NC-\$8.00 Credit - \$12.00 (1-3) 2**  
 This will be a highly rewarding hobby for the individual who likes to create his own gifts. Basic information will be taught to enable the student to express himself in this medium.

## Business

- B-7 ELEMENTARY TYPEWRITING NC-\$8.00 Credit - \$12.00 I (1-3) 2**  
 A beginning course in typewriting. Speed and accuracy in the operation of the typewriter by the touch system; business letters.
- B-8 ADVANCED TYPEWRITING NC-\$8.00 Credit - \$12.00 II (1-3) 2**  
 Advanced production typewriting, business letters, manuscripts, bibliographies, stencils, and masters.

**B-11 STENOGRAPHY I NC-\$12.00 Credit - \$18.00 I (2-3) 3**

This course comprises a study of the basic principles of Gregg shorthand, dictation, and the building of speed.

<b>B-12</b>	<b>STENOGRAPHY II</b>	<b>NC-\$12.00</b>	<b>Credit - \$18.00</b>	<b>II (2-3) 3</b>
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Shorthand speed building; vocabulary building, and typewritten transcription.

**B-21 PRINCIPLES OF ACCOUNTING NC-\$16.00 Credit - 24.00 I (3-2) 4**

A study of the fundamentals and principles of accounting applicable to business ownership with emphasis on the single proprietorship type of business.

**B-22 PRINCIPLES OF ACCOUNTING NC-\$16.00 Credit - \$24.00 II (3-2) 4**

A continuation of the First Semester course. Emphasis on accounting for partnerships and corporations. Practice Set. Prerequisite: First semester course in Accounting.

**B-51 INTERMEDIATE ACCOUNTING NC-\$14.00 Credit - \$20.00 I (3-0) 3**

**Preparation of statements for corporation, trading and manufacturing concerns, a study of problems of valuation.**  
Prerequisite: B-21 or permission of instructor.

**B-13**      **DICTATION & TRANSCRIPTION NC-\$12.00 Credit - \$18.00 I (3-0) 3**

A dictation and transcription course with continued skill development. Office standards of speed, accuracy, and mailability required. Prerequisite: Two years of high school shorthand and one or two years of high school typewriting, or a proficiency test.

**B-09 BUSINESS MATHEMATICS NC-\$12.00 Credit - \$18.00 I (3-0) 3**

**A course designed to meet the minimum needs of the students of business. Fundamental processes and their application to business are studied.**

**B-011      SECRETARIAL PROCEDURE      NC-\$12.00      Credit - \$18.00      I (3-0) 3**

**Basic secretarial principles and procedures, including filing procedure, handling mail and telegrams, telephone techniques, receiving callers, business etiquette, and transportation and travel problems.**

<b>B-012</b>	<b>STENOGRAPHIC MACHINES</b>	<b>NC-\$12.00</b>	<b>Credit - \$18.00</b>	<b>I (2-2) 3</b>
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Latest developments in use of voicewriting machines, duplicating machines, and electric typewriter to develop production skills.

**B-014      CALCULATING MACHINES      NC-\$8.00    Credit - \$12.00    II (1-2) 2**

Latest developments in the uses of the key-driven, rotary, and listing calculators; and adding machines.

**B-05 BUSINESS LAW NC-\$12.00 Credit - \$18.00 I & II (3-0) 3**

Introduction to the study of business law followed by specific study in the subjects of creditors' powers, business torts, and contracts. Materials used in the course consist of text, cases, statute and business forms.

## Homemaking for Adults

- HE-09 SEWING AND TAILORING NC-\$12.00 Credit - \$18.00 I (1-4) 3**  
The planning and construction of tailored garments such as suits and coats. Attention given to choice of fabrics, patterns and styles.
- HE-03 MEAL PLANNING AND BUDGETING NC-\$12.00 Credit - \$18.00 I (1-3) 3**  
This course is packed with information as to the planning of attractive meals that will be within the budget allowed for food.

## Recreation

- GI-017 BRIDGE NC-\$8.00 I (0-2) 0**  
Instruction in the fundamentals of contract bridge for those wishing to learn bridge and for those desiring to improve their bridge skill with advancement into bidding and playing of duplicate contract bridge.
- GI-018 CHESS NC-\$8.00 I (0-2) 0**  
A fundamental course designed to acquaint the student with the basic skills of the game. A study of the various pieces, types of opening moves, types of attack, strategy, etc.
- GI-021 HUNTING IN THE SOUTHWEST NC - No Charge I (2-0) 0**  
Study of essentials for a successful hunting season. Short course lasting about four weeks will cover a study of big game laws, choice of hunting area, types of guns best suited to particular game, essential equipment, hunting safety, etc.
- GI-022 TROUT FISHING - FLY FISHING NC-\$5.00 II (2-0) 0**  
A course designed to acquaint the amateur with trout fishing. Study of the best streams and lakes of the area. Pack trips, and camping. Choice of lures. Demonstrations and practice in fly casting. Choice and construction of flies.
- GI-039 AVIATION GROUND SCHOOL NC-\$12.00 I (0-2) 0**  
This is the course planned for anyone interested in flying whether it be piloting or just for the trip. Basic fundamentals will be discussed that all individuals should know who use aircraft as a means of transportation.
- Ph-76 INTRODUCTION TO GENERAL SCIENCE NC-\$12.00 Credit - \$18.00 I (1-4) 3**  
This is a course designed to give a background in the general sciences. This is basic information that all individuals should have for occasional reference.

- GI-028 INSURANCE AND REAL ESTATE NC-\$8.00 II (2-0) 0**  
 A course designed for the home owner, or prospective buyer. What to look for and to take into consideration when buying real estate. Values, depreciations, types of buildings, and building materials. Types of insurance and amount which the owner should carry for his protection.

## Education

- PE-24 FIRST AID NC-\$8.00 Credit - \$12.00 I (2-0) 2**  
 Instruction in first-aid techniques leading to the Standard Red Cross Certificate and to the Advanced Certificate for qualified students.
- PE-74 OFFICIATING SPORTS NC-\$8.00 Credit - \$12.00 I (2-0) 2**  
 Discussion and practice of officiating techniques in football, basketball, baseball, wrestling, and track and field.
- GI-02 IMPROVING YOUR READING NC-\$8.00 Credit - \$12.00 II (2-0) 2**  
 A course designed to increase the reading rate of the student and to improve comprehension.

## Engineering

- E-1 MECHANICAL DRAWING NC-\$12.00 Credit \$18.00 I (1-6) 3**  
 Care and use of instruments, applied geometry, isometric and orthographic projections, auxiliary projections, pictorial representations and perspectives, with special emphasis on lettering.
- IA-10 ADVANCED DRAFTING NC-\$12.00 Credit - \$18.00 II (1-6) 3**  
 Practical problems in drafting and planning. Includes pencil tracing, inking, cabinet drawing. Instruction in blueprinting and other methods of duplication.  
 Prerequisite: E-1.

## Forestry

- F-1 FORESTRY AND ALLIED PROFESSIONS I (2-0) 1**  
 Professional responsibilities, advantages, and disadvantages. Job characteristics. Training and education requirements. For a minimum of nine weeks. Instructor and time to be arranged.
- F-2 MAP DRAFTING AND READING II (0-3) 1**  
 Lettering and use of simple drafting equipment. Map interpretation. Instructor and time to be arranged.

## Hobbies and Handicrafts

- IA-1 ELEMENTARY WOODWORKING NC-\$8.00 Credit - \$12.00 I (0-4) 2**  
 Begins with the fundamental processes in hand woodworking and carpentry through the layout and construction of simple projects. Includes the care, use, and maintenance of hand tools.



- IA-2      ADVANCED WOODWORKING      NC-\$8.00    Credit - \$12.00    II (0-4) 2**  
Continuation of Elementary Woodworking. Bench woodworking. The use of hand tools in the construction of more complex projects. Includes the identification of woods, and attention to finishing procedures.
- IA-21      WELDING      NC-\$8.00    Credit - \$12.00    I & II (1-3) 2**  
Involves the fundamental uses and methods of operating oxacetylene weld-equipment.  
Laboratory Fee — \$15.00
- IA-31      HANDICRAFT      NC-\$8.00    Credit - \$12.00    I (1-3) 2**  
Basic processes of handicraft including wood turning, plastics, etc. Basic instructions in the use of hand and power tools.  
Laboratory Fee — \$5.00
- GI-019      LAPIDARY WORK      NC - \$12.00    I (0-4) 0**  
A course in the selection and identification of semi-precious stones; cutting, shaping, and polishing of stones and sets. Rough stones furnished by the students will be made into finished, polished cabachons. Class open to both men and women, but limited to 10. If time permits several field trips will be taken by the class to procure materials for classwork.  
Laboratory Fee — \$10.00
- GI-020      SILVERSMITHING      NC - \$12.00    II (0-4) 0**  
A course in the design and construction of jewelry from silver including a study of Indian silver work. Work will employ the techniques of piercing, forming, soldering, hammering, and polishing.  
Laboratory Fee — \$10.00
- GI-09      LANDSCAPE DESIGN      NC - \$12.00    I (2-1) 0**  
A study of the principles of landscaping composition, adaptability to this region of grasses, annuals, perennials, shrubs, and trees. Attention to individual landscape problems.
- A-60      CHINA PAINTING      NC-\$8.00    Credit - \$12.00    (1-3) 2**  
This is a course planned to give the home doodler the basic processes in a skill that was almost forgotten until recently. Students will be taught sketching, painting, and firing of china. These will make excellent gifts for special occasions.
- A-22      CERAMICS      NC-\$8.00    Credit \$12.00    (1-3) 2**  
This will be a highly rewarding hobby for the individual who likes to create his own gifts. Basic information will be taught to enable the student to express himself in this medium.
- GI-049      ELEMENTS OF PHOTOGRAPHY      NC-\$12.00    I (1-3) 0**  
This course is meant to teach the novice how to use his camera as well as the development and enlargement of pictures. Work will be done in picture composition.