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Summer Session - The School Year 1940

Prairie View State Normal and Industrial College

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PRAIRIE VIEW STATE COLLEGE

BULLETIN

OF THE

PRAIRIE VIEW STATE NORMAL AND

INDUSTRIAL COLLEGE

Vol. 31

February, 1940

No. 2

SUMMER SESSION NUMBER

THE

THIRTIETH SUMMER SESSION

First Term June 7-July 11, 1940

Second Term July 12-August 15, 1940

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PRAIRIE VIEW STATE COLLEGE



Waller County
Prairie View, Texas

Published quarterly by the Prairie View State Normal and Industrial
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PRAIRIE VIEW STATE COLLEGE

Thirtieth Summer Session

First Term Begins June 7—Ends July 11, 1940

Second Term Begins July 12—Ends August 15, 1940

GRADUATE STUDIES

Graduate courses, leading to the Master's degree, are offered in the fields of Agricultural Economics, Agricultural Education, Biology, Chemistry, Economics, General Education, History, Home Economics, Homemaking Education, Industrial Education, Mathematics, Mechanic Arts, Rural Education, Rural Sociology, School Administration and Supervision and Sociology.

A free bulletin of rules, regulations and course offerings in the Graduate Division is sent upon request.

SPECIAL COURSES

Trades and Industries Institute

Short Course for Trade and Industrial Teachers

Coaching School

Football, Basketball, Track, and First Aid

July 15-20

Extension Agents Course

June 7-27

Second Annual Boy Scout Camporal

July 22-27

Farmers' Short Course

August 5-15

PURPOSE AND LENGTH OF SUMMER SCHOOL

The purpose of the Summer School is to provide a program of studies which may satisfy the needs and interests of teachers and other persons. Courses designed to fulfill the requirements of all teaching certificates are offered. The Summer School will consist of two terms of five weeks each.

ADVANTAGES AND OPPORTUNITIES OF THE SUMMER SCHOOL

1. An opportunity to study under the direction of leading university trained specialists from the regular faculty and members of the faculties of other outstanding institutions.
2. An opportunity to secure or extend teaching certificates.
3. An opportunity to pursue graduate study.
4. The advantages of differentiated curricula in providing courses suitable to the professional interests of:
 - a. Principals of Elementary and High Schools
 - b. Teachers of High School subjects
 - c. Teachers of Elementary and Primary grades
 - d. Teachers of Public School Music
 - e. Teachers of Vocational Education in Home Economics, Mechanical Engineering, and Agriculture
 - f. Teachers of Adult Education
 - g. Teachers of Health and Physical Education
 - h. Teachers of Rural Education
(Special courses are offered for teachers in one- and two-teacher schools)
 - i. Jeanes Supervisors
 - j. Librarians
 - k. Coaches of High Schools
 - l. Leaders of Boy Scouts
 - m. County and Home Demonstration Agents

STUDENT LOAD

The average student load will be six (6) semester hours for each term, or twelve (12) semester hours for the session.

EXTRA LOAD

Any credit course taken in addition to the normal program of six semester hours constitutes an extra load. To carry an extra load, the student must obtain written permission from the Classification Committee. The maximum credit hours shall be granted on the basis alone. Maximum credit hours may be granted to students maintaining a scholastic average of "B" or above during the last previous semester in attendance.

Request for permission to carry an extra load should reach the Chairman of the Classification Committee at least 72 hours before a reply is expected. All applications for extra loads must be in the hands of the Classification Committee the day following the official registration date.

Upon receiving written permission from the Classification Committee to carry an extra load, the student should present the letter of authorization together with the subjects to be taken as an extra load to the Registrar and request a CHANGE OF PROGRAM CARD.

EXPENSE

The following fees are required of all students:

Matriculation, per term	\$10.00	
Maintenance, per term	22.50	\$32.50
Matriculation, per two terms	20.00	
Maintenance, per two terms	45.00	65.00

NOTE: 1. Payment of \$10.00 will be due at the beginning of each term.

2. Payment of fees is required before any other part of the registration can be continued.

3. \$5.00 of the Matriculation Fee will be refunded to students withdrawing during the first week of school. No refunds of Matriculation Fees will be made to students withdrawing after the first week of a term.

Graduate Students will pay room rent at the rate of \$10.00 per term.

Music Fees

Piano or Voice, two lessons a week, including the use of piano for practice, \$3.00 per month, payable in advance.

A fee of \$5.00 per month is charged for organ lessons. This fee is payable in advance.

Commercial Studies Fee

A fee of \$1.00 per month is charged for Shorthand or Typewriting. A fee of \$1.75 per month is charged for both when taken at the same time.

Key Deposit Fee

Keys for rooms may be secured by students upon deposit of \$0.50. This amount will be refunded if the key is returned to the Fiscal Office within three days after the close of the period for which it is issued.

Transcript of Records Fee

It is the policy of the institution to issue one transcript to or for a student without charge. A charge of \$1.00, payable in advance, will be made for each subsequent transcript issued to or for a student. Any list of credits bearing the seal of the College constitutes a transcript.

Diploma and Trade Certificate Fees

1. College Diploma is \$5.00 (Optional)
2. Graduate Nursing Diploma is \$7.50 (Optional)
3. Trade Certificate is \$2.00 (Optional)

MODE OF ADMISSION

1. By an official transcript showing a minimum of fifteen units covering four years of accredited high school work.
2. By presentation of a teaching certificate if an extension of the certificate is desired.

No student shall be admitted by means of diploma alone. For proper consideration, all work must be certified on blanks furnished by the Office of the Registrar. Former students should apply early in order to be classified and advised regarding subjects which should be taken. All courses completed elsewhere for which credit is desired must be properly certified in the Office of the Registrar on forms furnished for that purpose.

NOTE: Extension can be made on a certificate only if it is subject to expiration in August, 1940. Six semester hours are necessary for the extension of a certificate.

ADMISSION TO ADVANCED STANDING

The student seeking classification above Freshman level must have

his college send, in addition to his high school record, an official transcript of the college work which he has completed. Until this has been done, no official advanced classification can be given. All transcripts of records should be sent to the Registrar.

GENERAL STATEMENT OF COURSES OFFERED

Courses will be offered in Arts and Sciences, Industrial Education, Mechanical Arts, Home Economics, Agriculture, and other Vocational Studies, and Graduate Field. In fact, the wide diversity of offering makes it possible to meet the needs and interests of the large student group during the Summer Session.

All courses except those in trades and laboratory work will be conducted in periods of sixty minutes each for a week of six days.

All courses listed and described will be continued throughout both terms of the Summer School, in case there is sufficient demand. Where there is sufficient request for certain of the courses as listed and described, those given during the first term will be reported during the second term of the Summer School.

GENERAL INFORMATION

Each student is required to bring pillow, four sheets, two pillow cases, one spread for his bed, and one pair of curtains for windows.

Health: Resident Physician and hospital facilities are open to all the students.

Recreation: Numerous opportunities will be given for participation in games, plays, and other activities for building up the health of the student.

Moving pictures and lectures will be sources of intellectual recreation to the entire student body.

Religious opportunities are abundant. Weekly prayer meetings and regular services for Sunday are given. Vesper services will be held every Sunday evening.

GRADING SYSTEM

The grading symbols are: A (95-100); B (85-94); C (75-84); D (65-74); E (60-64); F (below 60); I (Incomplete). Grads of "I" can become passing grades by completing the work prescribed by the instructor. A grade of "I" means that some relatively small part of the

session's work remains undone because of sickness or other unavoidable reasons. "F" means failure. Credit for a course in which "F" is given can be secured only by repeating the course, or its equivalent. "E" means condition, and may be removed by examination within twelve months. Grades of "E" and "I" not removed in twelve months automatically become "F". "W" is given when a student withdraws from a class by charge or withdrawal card.

The above grading system becomes effective September 1, 1932.

Regular deficiency examinations will be given June 22 and 23, 1940.

REGISTRATION

Registration for the first term will be held June 7, 1940. The order of Registration is as follows:

1. PAYMENT OF FEES AT THE TREASURER'S OFFICE (FIRST FLOOR ACADEMIC BUILDING).

2. Secure permanent room assignment from the Dean of Women or the Dean of Men.

3. Assignment of classes.

NOTE: Students will be unable to secure class assignments until all fees have been paid.

4. Class work for the first term will begin Saturday, June 8, 1940 at 6:45 A. M.

Registration for the second term will be held Friday, July 12, 1940. Class work for the second term will begin Saturday, July 13, 1940 at 6:45 A. M.

DEGREES, DIPLOMAS, CERTIFICATES

DEGREES: To qualify for any degree a student must present at least 128 semester hours of credit and 128 grade points.

1. From the Division of Agriculture, Bachelor of Science.

2. From the Division of Arts and Sciences, Bachelor of Science, Bachelor of Science in Education, and Bachelor of Arts.

3. From the Division of Home Economics, Bachelor of Science.

4. From the Division of Mechanic Arts, Bachelor of Science.

5. From the Division of Nursing Education, Diploma.

SPECIAL NOTICE: After September 1, 1938, all students making application for graduation must qualify according to the new plan and standards set for session 1932-33 and following years.

GENERAL REQUIREMENTS: No degree will be conferred except publicly on Commencement Day. Every candidate is expected to attend the Commencement at which his degree is to be conferred, un-

less absent for a good cause, in which case he shall petition the Principal at least one week in advance.

No degree will be conferred without campus residence equivalent to two semesters comprising thirty-six weeks, or three summer sessions comprising thirty-weeks, and completion in residence of at least thirty semester hours of work counting toward graduation.

No second bachelor's degree will be conferred until the candidate has completed at least thirty semester hours in addition to those counted toward the first bachelor's degree.

Of the courses offered for an undergraduate degree, at least six semester hours in advanced courses in the major subject must be completed in residence at the College.

GRADUATION REQUIREMENTS

Special Requirements: All seniors are required to pass a standard test in English Grammar and a special test in arithmetic before they will be approved for graduation. Drill classes are open to those who fail to pass these tests.

Thesis Requirements: Every Candidate for the Bachelor's degree must write a thesis or an essay on some practical topic or project in the field of the major subject. The thesis or essay must be typewritten, double spaced on plain white bond paper, and must be approved by the Head of the Department (under whose advice it has been written) and two copies, original and first carbon, filed in the Director's Office not later than August 1 of the summer session in which the degree is to be conferred.

Application for a degree: A candidate for a degree should register in the College, and should apply for the degree not later than July 1 of the summer session in which the degree is expected.

Certificates

SOPHOMORE: On completion of the work of the sophomore class, the student is awarded a four-year high school certificate, a six-year elementary certificate, or a permanent elementary certificate, depending upon the curriculum pursued, provided that for permanent elementary certificate the special requirements are met.

NOTE: An elementary certificate of the first class shall be valid only in elementary schools, grades one to seven, inclusive. A two-year high school certificate of the first class is valid in grades one to seven, inclusive, and in third class high schools or unclassified schools:

Special requirements for elementary permanent certificate:

First Year

	Semester Hours (Minimum)
ENGLISH—Comp. and Rhet.	6
EDUCATION—Principles of Elem. Edu.	3
EDUCATION—Intro. to Educ.	3
BIOLOGY	8
ART—Drawing and Construment	2
ART	2
PHYSICAL EDUCATION—Prac. & Meth. for Elem. Grades....	2

Second Year

	Semester Hours (Minimum)
ENGLISH—English	6
EDUCATION—Materials and Methods	3
EDUCATION—Rural Education	3
EDUCATION—Elem. Practice Teaching	3
EDUCATION—School Hygiene	3
MUSIC—Public School Music	3
GEOGRAPHY—Human Geography	3
ART—Drawnig and Construction	2
AMERICAN GOVERNMENT	6
PHYSICAL EDUCATION—Prac. & Meth. for Elem. Grades....	2

A high school certificate of the first class, valid for four years, is valid in any elementary grade or in any high school.

JUNIOR: On completion of the work of the junior class, the student is awarded a high school certificate, valid for six years, provided that all legal requirements are met.

SENIOR: On completion of the work of the senior class, the student with a degree is awarded a high school permanent certificate, provided that he has fulfilled the requirements of the certificate.

ISSUANCE OF CERTIFICATES: All certificates are issued by the State Department of Education and signed by the State Superintendent of Public Instruction.

FEE: If credentials are earned in Texas, submit one dollar; if any part of credentials earned outside the State of Texas, submit two dollars. (Submit fee in form of postal money order payable to State Board of Examiners. Personal checks will not be accepted.)

EXTENSION OF CERTIFICATES: The amended certificate law of Texas provides that the holder of a valid certificate of any kind, class, or grade, may have this certificate extended for a period of one year by taking nine quarter hours of work (six semester hours) during the summer immediately preceding the date of the expiration of the certificate.

A certificate may be extended a second, third, or any number of times until the requirements for a higher certificate are met. Courses pursued for the extension are counted toward graduation.

TRADE CERTIFICATES: Certificates are offered for completing non-collegiate trade courses as follows: Automotive Science, Broom and Mattress Making, Carpentry and Cabinet Making, Electrical Repair shop, Laundering and Dry Cleaning, Machine Shop, Plumbing and Steam-fitting, Printing, Shoemaking, Stationary Engineering, Tailoring, Dressmaking, Cooking, and Commercial work.

Trade Certificates are issued upon payment of \$2.00.

Trade Certificates indicate that certain courses of study have been successfully completed and have no value for purposes of certification.

SUGGESTIONS TO PROSPECTIVE STUDENTS

All students are asked to observe the following suggestions. You will save yourselves much embarrassment and disappointment if the suggestions given below are followed:

1. File your application early.
2. Have all your high school work sent to us on forms which we will send you upon application. We will pass upon them and advise you of the results. **DO THIS AT ONCE.**
3. If you have done college work elsewhere, have a transcript sent to the Registrar so that your Classification may be determined. Students will be notified immediately.

NOTE:—For General Information, Address: The Registrar, Prairie View State College, Prairie View, Texas.

The Academic Program

COURSE OFFERINGS AND DESCRIPTION OF COURSES IN THE DIVISION OF AGRICULTURE

L. A. Potts, M. S., Director

AGRICULTURAL EDUCATION 372. Special Methods of Teaching. Vocational Agriculture in Secondary Schools. Credit 2. I. (See Education Department for description)

AGRICULTURAL EDUCATION 402. Supervised Practice Records Credit 2. (See Education Department for description)

AGRICULTURAL EDUCATION 412. Observation and Practice Teaching in Agriculture. Credit 2. (See Education Department for description)

AGRONOMY 412. Forage Crops. Credit 2. A study of grasses, legumes, and other plants used for forage and pasture. Silage, soiling, and green manures.

AGRONOMY 322. Soil Fertility. Credit 2. General principles of soil formation, soil fertility, including the physical, chemical and bacteriological factors affecting crop production and plant nutrients; depletion, maintenance, and methods of maintaining permanent agriculture.

AGRONOMY 422. Soil Conservation. Credit 2. Fundamental principles in soil conservation and fertility maintenance. Soil-conserving plants and soil building plants in gulley control.

ANIMAL HUSBANDRY 312. Feeds and Feeding. Credit 2. Composition and digestibility of feed stuff, physiology, preparation, feeding standards and calculations of rations.

ANIMAL HUSBANDRY 122. Credit 2. Incubation and Brooding. A study of the care and operation of both small and mammoth incubators for private or commercial use. A thorough study of the modern methods of brooding.

DAIRYING 112. Farm Dairying. Credit 2. A study of the principles of farm dairying. The dairy industry, composition, properties of milk, and methods of improving the quality of milk produced on the farm.

HORTICULTURE 112. General Farm Gardening and Orchardng. Credit 2. A General survey of the field and possibilities offered by the

general farm and orchard, together with a study of varieties, home gardening and canning.

HORTICULTURE 432 Plant Propagation. Credit 2. Special emphasis will be given to definite methods of propagation in the development of community and home nurseries.

HORTICULTURE 442. Home Floriculture Credit 2. Principles and methods of growing house plants and garden flowers, and arrangement of cut flowers in the home.

RURAL EDUCATION 382. Problems in Community Cooperation. Credit 2. Includes coordinatinng all the agencies in a particular community for developing definite programs of work.

RURAL ECONOMICS 322. Farm Management. Credit 2. Special emphasis placed on pactical Farm Management Problems. A study of farm records; choosing a farm, farm labor and equipment, cropping and feeding system, and production costs.

RURAL ENGINEERING 112. Farm Machinery. Credit 2. Care, repair, maintenance, and upkeep of farm machinery on the college farm and the students' home farms.

RURAL ENGINEERING 312. Terracing. Credit 2. The course consists of the engineering principles of laying off terraces, plotting contours and the use of the surveyor's instrument and the Bostrom Farm Level.

RURAL ENGINEERING 312. Advanced Forge Work. Credit 2. Repairs and care of agricultural equipment, sharpening plows, welding, making metal handy farm devices.

RURAL SOCIOLOGY 412. Human Relations. Credit 2. Special emphasis will be given to economic and social forces as they affect the farming classes. Students are prepared to become leaders in general community improvement.

SCIENCE 412. Plant Physiology. Credit 2. Principles of absorption, conduction, transpiration, photosynthesis, respiration, growth, movement and reproduction.

SCIENCE 412. Plant Pathology. Credit 2. The course consists of common diseases of important plants of Texas with control measures.

VETERINARY SCIENCE 312. Anatomy and Physiology. Credit 2. A study of the anatomical and physiological structure, the digestive, respiratory and genito-urinary organs of the horse, ox, sheep, pig, and chicken, and common diseases of farm animals and their prevention.

DIVISION OF ARTS AND SCIENCES
R. P. Perry, M. S., Ph. D., Acting Director

DEPARTMENT OF EDUCATION

G. W. Reeves, M. A., Head

Special features of the Education Department will include:

1. Courses in Elementary Education, Secondary Education, Administration and Supervision, Curriculum Problems, and Jeanes Supervision work offered by instructors especially fitted by training and experience.

2. Courses designed especially for teachers in one and two-teacher rural schools and in small village schools.

3. A demonstration school will be conducted on the campus for the benefit of those taking courses in Education and for others interested in school problems

4. A rural demonstration school will be conducted off-campus for the benefit of those taking Rural Education and for others interested in school problems.

5. A course in Library Science designed especially for persons working in small high school.

6. A curriculum laboratory will be conducted on the campus for the benefit of those making a study of problems in our rapidly changing curriculum.

7. Courses in guidance and personnel will be offered for those who serve as deans of boys and girls in high schools.

8. Greater stress will be placed upon the teaching of special subjects in both elementary and high schools.

principles in soil conservation and fertility maintenance. Soil-conserving plants and soil building plants in gulley control.

EDUCATION 552-1, 552-2. High School Administration. Designed to lay a broad foundation for the work of the Principal and teachers of the small high school, and to provide information on the technique of organizing the high school.

EDUCATION 523-1, 523-2. Administration of Student Personnel. Deals with common personnel problems of administrators, supervisors and class room teachers such as extra-curricula activities, guidance, disciplinary problems marks and promotion, classification, records and reports, and pupil-faculty relationships. Two semester hours credit

EDUCATION 112-1, 112-2. Introduction to Education. Makes available to the students the broad general field of professional education and discusses thoughtfully certain fundamental principles of teaching. Required of Freshmen. Two semester hours credit each term.

EDUCATION 122-1, 122-2. Principles of Elementary School Subjects. Introduces the student to certain principles of psychology, placing

particular emphasis on the teaching of the common branches. Required of Freshmen. Two semester hours credit each term.

EDUCATION 172-1, 172-2. Kindergarten-Primary Methods. Two semester hours credit each term.

EDUCATION 242-1, 242-2. Methods in Rural Education. Special emphasis on teaching technique in Reading, Language, Arithmetic

EDUCATION 222-1, 222-2. Problems of the Rural School Teacher. The problems of daily program, making the class schedule, combining classes, the supervision of health, the teacher's relation to the principal and the community. Two semester hours credit each term.

EDUCATION 202-1, 202-2. Observation and Practice Teaching in the Elementary Grades. Students observe and teach under the supervision of a critic teacher in the Training School. Prerequisites: 123 and 213. Two semester hours credit each term.

EDUCATION 272-1, 272-2. Principles of Art and Penmanship. Special emphasis upon principles of art, paper cutting, clay modeling, handicraft, free hand drawing and penmanship. Two semester hours credit each term.

EDUCATION 232-1, 232-2. Elementary School Methods Materials, methods, and procedures for the teaching of grammar and the intermediate grades. Two semester hours each term.

EDUCATION 312-1, 312-2. Principles of Secondary Education. A study of the dynamic phases of Secondary Education. Two semester hours credit each term.

EDUCATION 2X2-1, 2X2-2. School Hygiene. Problems of School hygiene and health will be taken up and discussed in relation to their practical application. Required for the elementary permanent certificate. Two semester hours credit each term.

EDUCATION 292-1, 292-2. Classroom Management. The problems of classroom organization and control. Two semester hours credit each term.

EDUCATION 342-1, 342-2. Child Psychology. Fundamental principles of child growth and development. Prerequisites: Education 123-2 or equivalent course. Two semester hours credit each term.

EDUCATION 352-1, 352-2. Adolescent Psychology. Open to Juniors and Seniors. A study of the Psychology development of the adolescent boy and girl. Prerequisites: Education 312-2 or an equivalent course. Two semester hours credit each term.

EDUCATION 322-1, 322-2. Modern High School Methods. Designed for the preparation of high school teachers. Will consider the best methods of teaching the high school subjects. Two semester hours credit each term.

EDUCATION 302-1, 302-2. High School Observation and Practice

Teaching. Student teaching and observaton in the high school grades are provided. Two semester hours credit each term.

LIBRARY ECONOMY

O. J. Baker, M. L. S.

LIBRARY ECONOMY 302-1. Organization and Administration. Instruction in simple methods of organizing and administering book collections in small high schools. Includes classification, records, and administration. Lectures and practice work.

LIBRARY ECONOMY 382-2. Children's Literature. Covers briefly the history of children's literature; surveys various types of books for children; emphasizes story telling and the story telling technique. Lectures, reading, and reports.

PHYSICAL EDUCATION

T. S. Russell, A. M., Head

PHYSICAL EDUCATION 111-1, 11-2. Required Practice. Theory and practice in developing the technique of physical education activities in the elementary school. The program of story plays, stunts, relay races, mimetics, rhythmical activities, hunting games, athletic and team games such as dodge ball, volley ball, end ball will be organized on a seasonal basis.

PHYSICAL EDUCATION 211-1, 211-2. Required Practice. A continuation of Physical Education 111-1-2. Theory and practice in developing the techniques of physical education activities in the secondary school. The program will include folk dancing, clog and tap dancing, social dancing, calisthenics, tumbling, stunts, and pyramid building, relay races, track and field events, tennis, softball and other athletic games. Credit for practice classes will be one semester hour for each term.

PHYSICAL EDUCATION 222-1, 222-2. Community Recreation. A brief historical review of the growth of the play movement, organization of community activities, the nature and function of play, the social significance and use of leisure, principles and aims of social and recreational centers; a study of daily and seasonal programs, festivals, exhibitions, tournaments, contests, club work and adult recreational activities. Credit two hours each term.

PHYSICAL EDUCATION 322-1, 322-2. Methods in Physical Education. Qualifications of teachers, techniques, terminology, grading of activities according to sex, age and physical abilities of children and to space and equipment. Aims and objectives: Relation to general education, scope of the program, principles, characteristics of children at various ages. Methods and Materials: Construction of play areas,

class organization and management, special programs, standards of achievements, specific problems. The activities include games, exercises, dances and sports. This course for teachers is designed to meet the requirements of the State Department of Education for all classroom teachers, and is required of all students majoring in Education. Credit two hours each term.

PHYSICAL EDUCATION 332-1, 332-2. First Aid. Purposes of first aid, determining the nature and extent of injury. First aid procedures in cases of accident and sudden illness. Credit two hours each term.

PHYSICAL EDUCATION 342-1, 342-2. Methods in Health Education. Aims and objectives, fundamental principles of health education, scope of the health program, policies of health agencies, organization and the administration of the program in the Public Schools. The health instruction program, the teacher's role, evaluation of health education materials. Methods of teaching health education in the classroom. Lectures, demonstration, and projects will be conducted. Credit two hours each term.

DEPARTMENT OF ENGLISH

Earl L. Sasser, A. M., Ph. D., Head

Prerequisites must be satisfied before a student may pass on to the of another course.

Courses for Freshmen

ENGLISH 112-1, 112-2. Grammar. Study of practical grammar and writing of short themes. Two semester hours credit each term.

ENGLISH 122-1, 222-2. Composition. Study of morals of various types of writing. Emphasis upon expository writing. Two hours credit each term. Prerequisite 112-1, 11-2.2.

Courses for Sophomores

(See also English 312, 372, 412)

Prerequisites for all sophomore courses: Creditable completion of all freshman English.

ENGLISH 202-1, 202-2. Usage Composition and Mechanics. Upon recommendation that the failure was largely because of weakness in mechanics, this course may be substituted for any course above the required Freshman English. Two semester hours each term.

ENGLISH 232-1, 232-2. Public Address. This course places em-

phasis upon the practical work of speech construction, organization, and delivery. Not open for credit to Arts and Sciences students.

ENGLISH 2721, 272-2. The Study of Literature. Study of the standards of literature with a view to the formation of a basis for literary likes and dislikes. Reading from standard classics. Recommended for students in Arts and Sciences. Prerequisite: 113 and 123.

Courses for Upperclassmen

Prerequisites for all upperclassmen courses: Creditable completion of required freshman and sophomore work in English.

ENGLISH 312-1, 312-2. Public Discussion. Public speaking with emphasis upon argumentative composition. Briefing and practical presentation are emphasized. Some attention is given to parliamentary usage and the coaching of high school debating. Not open for credit to Vocational students.

ENGLISH 322-1, 322-2. Victorian Literature. Study of representative selections from the leading poets and prose writers of the period. Two semester hours credit each term.

ENGLISH 352-1, 352-2. The English Language. Study of the essential features in the growth and development of the language. Considerable attention is given to phonetics. Two semester hours credit each term. For credit towards a "major" or "minor" in English this course must be taken while the student is a resident in this college.

ENGLISH 362-1, 362-2. American Literature. A survey course. Study of historical influences and literary tendencies through representative selections from chief American writers. Some attention is given to literature by Negro writers.

ENGLISH 372-1, 372-2. Advanced Grammar. Intensive study of practical grammar. The course is open to sophomores and is recommended especially for those students who plan to teach in the public schools. The course may be substituted for any sophomore course upon recommendation. Two semester hours credit each term.

ENGLISH 400-1, 400-2. Clinic. Composition and exercises in the rudiments of English usage. For upperclassmen. No credit. See graduation requirements.

ENGLISH 412-1, 412-2. The Novel. Study of the relations between literature and social and economic conditions as revealed in outstanding examples in the field of the Novel. Prerequisite: eighteen hours of English. This is especially designed for "majors" and "minors" in the field.

ENGLISH 442-1, 442-2. The Drama. Brief study of origin and development through representative selections from Greek period to

the present. Some attention is given to dramatics in the form of practice in play production. The course carries one laboratory period. Two semester hours credit each term.

ENGLISH 482-1, 482-2. The Teaching of English. Students who elect this course should have the credit recorded as work in education. Special method course. For credit towards a "major" or "minor" in English this must be taken while the student is in residence at this college. Prerequisite: eighteen hours of English.

DEPARTMENT OF ROMANCE LANGUAGES

C. E. Carpenter, M. L., Head

FRENCH 122-1, 122-2. Elementary French. This course is a study of the linguistic foundations of French including the mastery of the peculiar French phonetic usage and verb drill. Two semester hours credit each term.

SPANISH 112-1, 112-2. Elementary Spanish. Mastery of the principles of pronunciation of the language. Methods: (a) learning rules governing accent of Spanish words, (b) practice in the division of syllables and accent of selected words arranged in definite lists, (c) reading for thought and conversation. Two semester hours credit 212-2.

SPANISH 212-1, 212-2. Advanced Spanish. Mastery of the conjugation of the twelve cases of orthographic changing verbs, the five cases of irregular verbs, a continuation of the study of idiomatic usage as found in our reading text, and practice in reading as literature. Methods: (a) A grammar is used to explain all language principles involved in reading, and for verb drill, (b) reading text four times per week, (c) memorization and conversation twice per week. Prerequisite: Spanish 122 or its equivalent. Two semester hours credit each term.

SPANISH 222-1, 222-2. Advanced Spanish. A continuation of Spanish 212. Methods: special drill on reflexive verbs, subjunctive moods, and expressions governing literary writing and speaking. Two semester hours credit each term.

DEPARTMENT OF MATHEMATICS

A. W. Randall, A. M., Head

MATHEMATICS 100. Senior Drill. An intense study of common and decimal fractions, denominate numbers, and practical topics of business arithmetic in general. No credit.

MATHEMATICS 112-1, 112-2. College Algebra. A thorough drill in solving linear and quadratic equations, with special stress on graphing; the binomial theorem; the progressions and determinants. Prerequisites: Two units of high school algebra; one unit of plane geometry. Two semester hours credit each term.

MATHEMATICS 122-1, 122-2. Trigonometry. A standard course in plane trigonometry, with an introduction to spherical trigonometry. Prerequisites: Same as for Mathematics 112-1. Two semester hours credit each term.

MATHEMATICS 172-1, 172-2. Mathematical Analysis. A standard course in Mathematical Analysis for Home Economics and Agricultural students, also, students who desire the elementary teacher's certificate. Prerequisite: Same as for Mathematics 112-1. Two semester hours each term.

MATHEMATICS 182-1, 182-2. Mathematical Analysis. A continuation of Mathematics 172-2. Two semester hours credit each term.

MATHEMATICS 362-1, 362-2. College Geometry. A course closely related to plane Geometry, but more advanced. It is the geometry of the straight line, the circle, and the triangle. Two semester hours credit each term.

MATHEMATICS 212-1, 212-2. Plane Analysis Geometry. A study of the point, the straight line, transformation of rectangular coordinates, the conics, exponential functions and their inverses. Prerequisites: Mathematics 112-1, 112-2, 122-1, 122-2. Two semester hours each term.

MATHEMATICS 222-1, 222-2. Differential Calculus. A thorough drill in the development and the application of various formulas of differentiation to practical problems. Prerequisites: Mathematics 212-1, 212-2.

MATHEMATICS 312-1, 312-2. Integral Calculus. An intensive study of many types of integrals and their applications to special problems. Prerequisites: MATHEMATICS 222-1, 222-2.

MATHEMATICS 442-1, 442-2. The Teaching of Elementary and Secondary Mathematics. This is a method's course in the teaching of elementary and high school mathematics, and embraces some of the more recent researches in the the field. Much attention is given to the criticism of textbooks.

DEPARTMENT OF MUSIC

O. Anderson Fuller, A. M., Head

Courses in the Department of Music bearing credit toward graduation are offered to the following: (1) students who desire to com-

plete the course leading to the degree of Bachelor of Arts with a Music Major in school music, piano, voice or violin; (2) students who desire to complete the course leading to the degree of Bachelor of Music with special emphasis on school music, piano, voice or violin; students preparing for music supervision; students of other divisions who elect music courses for credit; for students who elect music as a minor with emphasis on piano, organ, voice, violin, or school music.

Courses in applied music (piano, voice, violin and other instruments) are offered to all students but credit is granted only to Music Majors and Minors.

DISCRIPTION OF COURSES

Theory Courses

Introductory and School Music

MUSIC 012-1, 012-2. Introduction to Music. Credit: two hours each term. A course in fundamentals and elementary theory, notation, sight singing and ear training for those beginning the collegiate study of Music, and as a prerequisite for public school music.

MUSIC 152-1, 152-2; 162-1, 162-2. Harmony. Credit: two hours each term. A study of scales, intervals, chords, and their progressions, and general harmonizations.

MUSIC 172-1, 172-2. School Music Methods and Materials for the Grades. Credit: two hours each term. A course for students preparing to teach or supervise music in the first six grades of the public schools. Songs, materials and problems, and appreciation pertaining to these grades. Prerequisite: 012-1, 012-2.

MUSIC 272-1, 272-2. Instrumental Music Education. Credit: two hours each term. School band and orchestra problems, organization and instrumentation. Prerequisites: Harmony and elementary piano.

MUSIC 342-1, 342-2. School Chorus Problems. Credit: two hours each term. Problems relating to the organization, direction, selection of materials, selection and classification of voices for school choruses, glee clubs, and vocal ensembles.

MUSIC 332-1, 332-2. Conducting. Credit: two hours each term. A course dealing with the technique and problems of choral and instrumental conducting. Practice is offered through the various choral and instrumental organizations. This course is open to a limited number of advanced students.

MUSIC 372-1, 372-2. Methods and Materials for High School Music. Credit: two hours each term. Problems in the philosophy and

psychology of music training for the prospective high school music teachers and supervisor. The administration of junior and senior school music, tests and measurements in music. Prerequisites in general psychology and high school methods.

MUSIC 500. Band and Orchestral Clinic. Credit in connection with Music 272, 252. A course in band and orchestral playing emphasizing facility in performance, with the various instruments of these organizations. This course is designed for prospective band and orchestral leaders.

MUSIC 600. Ensemble. (String, brass and woodwind). A course band and orchestral instruments. Credit in connection with applied course.

Appreciation

MUSIC 032-1, 032-2; 042-1, 042-2. Music Appreciation. Credit: two hours each term. A course in general music appreciation intended to serve as a means of introducing to and extending knowledge concerning music and offering a background for intelligent listening to music. No previous music knowledge or study is required. This course is open to all students.

Applied Music

MUSIC 052-1, 052-2. Elementary Organ. Preparatory Manual Exercise and Pedal Technique; the playing of Trois (two manuals and pedals); study and performance of Chorales and Preludes, and short work for the Organ. Note: Organ students must demonstrate ability in preparatory piano before admittance to organ classes.

MUSIC 192-1, 192-2. Elementary Violin. Credit: two hours each term. The fundamentals of violin playing.

MUSIC 112-1, 112-2. Elementary Piano. Credit: two hours each term. Studies, exercises, and compositions for development of technique and interpretation.

MUSIC 132-1, 132-2 Elementary Voice. Credit: two hours each term. Tone production, breathing, flexibility and phrasing. Songs chosen from the best simple song literature.

MUSIC 212-1, 212-2. Intermediate Piano. Credit: two hours each term. A continuation of exercise for technique and interpretation.

MUSIC 232-1, 232-2. Intermediate Voice. Credit: two hours each term. Further development of tone production quality and quantity, and vocal embellishments. Songs of moderate difficulty.

MUSIC 318-1, 318-2. Advanced Piano. Credit: two hours each term. Piano repertory, with emphasis on more difficult classic and modern piano literature.

MUSIC 338-1, 338-2. Advanced Voice. Credit: two hours each term. Vocal repertory, arias and from oratorios, operas, and cantatas, songs of increasing difficulty and in foreign languages.

NOTE: More advanced courses in applied music (piano, voice, or instruments) will be offered upon application.

Choral Music

MUSIC 110- $\frac{1}{2}$, 420- $\frac{1}{2}$. Choral Music. One-half hour each term. Study and performance of sacred and secular choral music, cantatas, and oratorios for mixed voices.

DEPARTMENT OF NATURAL SCIENCES

R. P. Perry, M. S., Ph. D., Head

Biology

BIOLOGY 142-1, 142-2. General Botany. A survey of the plant kingdom emphasizing the structural differences, life cycles, methods of identification, collecting, and preserving representatives of each group. Two credit hours each term.

BIOLOGY 312-1, 312-2. Human Physiology. This course is concerned with the anatomy and physiology of the skeletal, muscular, and nervous system. Prerequisite: Chemistry 122-2. Two credit hours each term.

BIOLOGY 322-1, 322-2. Human Physiology. A continuation of Biology 312-2. The anatomy and physiology of the circulatory, respiratory, digestive, reproductive, and endocrine systems are considered in detail. Prerequisite: Biology 312-2. Two hours credit each term.

BIOLOGY 33-1, 33-2. Bacteriology. Embraces bacteriological technique, bacteriology of foodstuffs, canned and fresh vegetables. Bacteria, yeast, molds, and other fungi are considered in detail. Four lectures and four hours of laboratory work per week. Two semester hours credit each term. Prerequisite: Chemistry 122-2.

CHEMISTRY 112-1, 112-2. General Inorganic Chemistry. The course embraces an extensive introduction to the fundamentals of beginning chemistry. The lectures, demonstrations, and laboratory work includes practical application to everyday life. Four lectures and four hours of laboratory work per week. Two semester hours credit each term.

CHEMISTRY 122-1, 122-2. General Inorganic Chemistry. A continuation of Chemistry 112-2. Four lectures and four hours of laboratory work per week. Two semester hours credit each term.

CHEMISTRY 232-1, 232-2. Elementary Organic Chemistry. The fundamental principles of organic chemistry for students of Home Economics. Special emphasis is placed upon the use of organic chemistry in the home and in everyday life. Prerequisite: Chemistry 122-2. Two semester hours credit each term.

CHEMISTRY 242-1, 242-2. Elementary Physiological Chemistry. The course is designed for students of Home Economics and deals with the chemistry of foods and animal nutrition. Prerequisite: Chemistry 232-2. Two semester hours credit each term.

CHEMISTRY 252-1, 252-2. Agricultural Chemistry. The course deals with the important applications of chemistry to agriculture and covers the study and analyses of soils, fertilizers, and agricultural products. Considerable attention is given to the chemistry of soil conservation, animal feeding, preparation of insecticides, and the utilization of agricultural wastes. Prerequisite: Chemistry 122-2. Two semester hours credit each term.

Physics

PHYSICS 122-1, 122-2. General College Physics. An introductory course in mechanics, heat, and sound. Lectures, demonstrations, and laboratory work. Prerequisites $2\frac{1}{2}$ entrance units in mathematics or its equivalent. Two semester hours credit each term.

PHYSICS 312-1, 312-2. Elementary Photography. Credit 2 each term. A laboratory and lecture course involving the theories of light and lenses, evolution of the "f" and U. S. systems of lens speed nomenclature, camera nomenclature, photographic emulsions, technique of exposure and of the photographic darkroom. Prerequisite: College Algebra.

General Science

GENERAL SCIENCE 112-1, 112-2. Survey of the Natural Sciences. A survey course dealing with natural science phenomena of the world in which we live. The course has been arranged to meet the needs of elementary science teachers and covers the organization and presentation of the subject-matter of high school general science. Special emphasis is placed upon the teaching of elementary science in rural high schools. Lectures, demonstrations, and motion pictures. Two semester hours credit each term.

DEPARTMENTS OF SOCIAL SCIENCES AND COMMERCIAL
STUDIES

S. E. Warren, M. A., Head

During the summer instruction will be offered on both the graduate as well as undergraduate level. See the regular catalogues for major and minor requirements as well as prerequisites and sequences.

Business Administration

BUSINESS ADMINISTRATION 12-1, 12-2. Elementary and Intermediate Typewriting. Credit: two semester hours each term. A one-year complete course for beginners based on the High Frequency of developing the fundamental skills of typewriting.

BUSINESS ADMINISTRATION 22-1, 22-2. Elementary and Intermediate Shorthand (Gregg or Pitman). Credit: two semester hours each term. In this course shorthand is presented to the beginner through the Direct-Method Approach. After mastering the 600 most commonly used words, a transition is made from the "Direct Practice Unit" to the Shorthand Manual.

BUSINESS ADMINISTRATION 132-1, 132-2. Advanced Shorthand and Typewriting. Credit: two semester hours each term. The student encounters advanced shorthand and typewriting in which emphasis is placed upon dictation and transcription of modern graded letters.

BUSINESS ADMINISTRATION 142-1, 132-2. Secretarial Activities. Credit: two semester hours each term. To familiarize potential secretaries with routine office duties, such as: interviewing callers, answering telephone, mailing and banking, etc.

BUSINESS ADMINISTRATION 252-1, 252-2. Elementary Principles and Practices of Accounting and Bookkeeping. Credit: two semester hours each term. Introductory course designed to give the student the basic principles involved in bookkeeping and accounting and to show their function and importance in present day business. Also to familiarize him with the terminology and applications to home as well as business management among Negroes.

BUSINESS ADMINISTRATION 272-1, 272-2. Filing and Record Keeping. Credit: two semester hours each term. This course is planned to give practice in various systems of keeping office and business records and filing correspondence, etc.

BUSINESS ADMINISTRATION 472-1, 472-2. Social Legislation in the United States. Credit: two semester hours each term. Survey

of extent of sickness, accidents, unemployment, invalidity and poverty among various classes of our population and the degree of social maladjustment incident thereto. Study of both federal and state laws framed to meet these needs and to achieve some degree of social security. Methods and problems of administration. Other attempts to attain social and economic well-being. Prerequisites: Twelve hours distributed among Sociology, Political Science and History. (Given also as Political Science and Sociology.

Economics

ECONOMICS 202-1, 202-2. Survey of Economics. Credit 2. Principles and processes of producing goods and services to satisfy needs and wants of human beings. Scales and standards of living, rural and urban. Problems of the consumer and legislation to meet his needs. Mainly for students in Home Economics.

ECONOMICS 222-1, 222-2. Principles of Economics. Credit 2 each semester throughout the year. A general survey of the fundamental economic principles and problems of modern economic society; production and distribution; goods; demand and supply; modern exchange system; value and price. Second semester: Distribution and consumption; money, banking, industrial and agricultural problems; foreign exchange; economic policies of government.

ECONOMICS 342-1, 342-2. Money and Banking. Credit 2. An introduction to kinds and functions of banking institutions and the theories underlying money and credit instruments. Survey of our collective banking experience in matter of personal savings as well as gigantic undertakings. Analysis of monetary systems and exchange ratios and an interpretation of attempts to regulate and control bank and credit operations. Prerequisites: Economics 213, 233. (Given in alternate years).

ECONOMICS 402-1, 402-2. The Teaching of the Social Sciences. Credit 2. See History 402-1 for description.

ECONOMICS 422-1, 422-2. The Negro in American Labor Movements. Credit 2. A research and discussion course in American labor history, emphasizing the status and role of Negroes from indentures service and slavery to progamic but precarious participation in current labor movements. Prerequisites: Economics 212, 222, History 312 and 402, or consent of the instructor.

ECONOMICS 432-1, 432-2. Economic Problems of the Southwest. Credit 2. A research and field course to ascertain and analyze major economic problems of this region in terms of their causes and consequences. Prerequisites: Economics 212, 222, 312 or Rural Economics 212, and consent of the instructor.

ECONOMICS 472-1, 472-2. Social Legislation in the United States. Credit 2. Survey of extent of sickness, accidents, unemployment, invalidity and poverty among various classes of our population and the degree of social maladjustment incident thereto. Study of both federal and state laws framed to meet these needs and to achieve some degree of social security. Methods and problems of administration. Other attempts to attain social and economic well-being. Prerequisites: 12 hours distributed among Sociology, Political Science and History. Given also as Political Science 472 and Sociology 472.

History

HISTORY 182-1, 182-2. History of Western Civilization. Credit 2 hours each term. A survey of the early civilizations which influenced the nature and direction of Western Civilization. Special attention to early cultures of China, India, Egypt, Greece and Rome. Intensive study of Medieval and Modern Civilization of Western Europe and the civilizations of the New World.

HISTORY 482-1, 482-2. The World Since 1914. Credit 2. A survey of world developments since 1914. Open to majors and minors in history and government with sufficient background, and to seniors and graduate students from other departments whose interest and background justify it.

HISTORY 132-1, 132-2. Modern European History, 1300-1914. Credit 2 hours each term. First term: Background of Modern European History: the Renaissance and the Reformation; discovery and exploration. The emergence of the individual, the middle class and the national state. The beginning of constitutional government and the great revolutions (French, American, Industrial and Scientific). Second term: The Napoleonic wars and the remaking of Europe; industrial crises and reform movements. Imperialistic rivalries; the World War; Peace settlements.

HISTORY 212-1, 212-2. English History. Credit 2 each term. Survey course of English History from the earliest time to the present. First term: Geography of the British Isles. Saxons, Danes, etc. Early kingdoms; the Norman invasion. The emergence of a strong national state and beginnings of representative government. Second term: Struggle between the king and parliament; civil war, the Commonwealth and the Protectorate. The Restoration and the rise of cabinet government and political parties. The colonial movements, reform movements; the Great Wars; Peace settlements.

HISTORY 372-1, 372-2. Recent European History, 1918-1939. Credit 2. Seminar course giving post-war developments in European Europe. Some attention to significant political and economic changes

in the colonies of European powers. Prerequisite: History 132, 142 or Political Science 202.

HISTORY 312-1, 312-2. History of the United States. Credit 2 each term. Colonization and revolt. Formation of national government. Manifestation of selectional feeling. The political parties and political issues; foreign relations; civil war and reconstruction. Settlement and development of the West. Big business and government. Immigration. Agricultural problems and farmer movements. Government regulation. World War.

HISTORY 432-1, 432-2. American Foreign Relations, 1775-1939. Credit 2. A study of the United States in its relations with Latin America and the rest of the world. Emphasis upon public opinion and foreign policy and upon the agencies through which that policy has been executed. Prerequisites: History 312, 322, and any course in Political Science.

HISTORY 4X2-1, 4X2-2. History of the Negro in America. Credit 2. A general survey course giving the African background of the American Negro and depicting the Negro as a slave freedman and freeman. Stresses his contributions to American Civilization.

HISTORY 422-1, 422-2. Survival Techniques of American Negroes. Credit 2. An advanced course tracing the status and role of Negroes in various societies and the minority techniques they have evaluated in majority civilizations. An appraisal of historic attempts at interracial adjustment, especially in the United States. Prerequisites: Two History courses or Sociology 222.

HISTORY 352-1, 352-2. Historical Method. Credit 2. Historical bibliography, sources. Criticism of sources. Second term: Historiography Synthesis. Exposition and the preparation of the manuscript. To complete the course, students should prepare an acceptable paper employing historical method. Required of students majoring in History and recommended for students minoring in history.

HISTORY 402-1, 402-2. Teaching the Social Sciences. Credit 2. Required of all Social Science majors and accepted as the three hours of Education mentioned above. An examination of the various principles, methods and devices for teaching history, economics, sociology and political sciences as well as various social studies on the secondary level.

HISTORY 500. Social Science Seminar. No Credit. Conducted by the personnel of the Department and the Social Science majors. Designed to survey the theories and methods and authorities in the six fields of social science instruction. Also to stimulate discussion of latest contributions in the fields and the fertile areas for advanced study. Reports on professional organizations and their activities.

Philosophy

PHILOSOPHY 312-1, 312-2. Introduction to Philosophy. Credit 2. Introduction to the field of philosophy and to the leading philosophers and their doctrines. Applications to present-day problems.

PHILOSOPHY 322-1, 322-2. Ethics. Credit 2. Development of moral ideas and codes. Conflicts of interest and attempts at adjustment. Systems of personal and social ethics. Ethical principles and standards.

PHILOSOPHY 422-1, 422-2. Current Ethical Problems. Credit 2. Seminar in modern problems of conduct both of the individual and of institutions. Analysis and appraisal of proposed solutions for conflicts on the campus, in industry in the state and between countries. Open to juniors, seniors and graduate students.

Political Science

POLITICAL SCIENCE 102-1, 102-2 and 202-1, 202-2. Credit 2 hours each term. American National and State Government. 102-2. These courses are not open to upperclassmen, but first semester juniors may continue with course 202-1 to complete the sequence. Acceptable for the six hours now required by the State of Texas and as a prerequisite for other courses in Political Science.

POLITICAL SCIENCE 212-1, 212-2. Political Parties and Electoral Parties. (3-0) Credit 2. I. The organization and work of political parties, the control and conduct of elections, public opinion, and propaganda methods. Particular attention is paid to the American party system and the Negro in the Southern States. Prerequisites: Political Science 102-2 and 202-2.

POLITICAL SCIENCE 422-1, 422-2. Seminar in Public Administration. Credit 2. An analysis of the American administrative system and the common problems underlying all branches of administration. The course will consist of lectures, individual and group reports on some aspect of Texas administration from time to time. Each member of the class will be required to make a written term report on some phase of public administration. Prerequisites: Nine hours of political science or permission of the instructor. (2 hours credit, offered in conjunction with the graduate school each semester.

POLITICAL SCIENCE 472-1, 472-2. Social Legislation. Credit 2. Compilation, analysis and application of state and federal laws affecting business, industry, agriculture, education professional service, labor and consumers. Prerequisites: basic courses in economics, government, sociology and education, of consent of instructor, or graduate standing.

Sociology

SOCIOLOGY 212-1, 212-2. Introductory Sociology. Credit 2. A systematic study of the underlying principles of human association. Prerequisite: sophomore classification.

SOCIOLOGY 232-1, 232-2. Rural Sociology. Credit 2. Analytical approach to the study of rural society, its nature, structure, people, and institutions. Prerequisite: Sophomore classification. Required of all students majoring in sociology and education.

SOCIOLOGY 323-1, 323-2. The Family. Credit 2. An analysis of the structure of the family, the historical development of the family, factors influencing family change, and processes of family organization and disorganization. Prerequisites: Sociology 212-2 or 232-2, or participation in the Home Economics curriculum.

SOCIOLOGY 402-1, 402-2. Teaching the Social Sciences. Credit 2. A course giving the current principles, methods and devices employed in the teaching of Sociology, History, Political Sciences, Economics, etc. Required of all Social Science majors.

SOCIOLOGY 422-1, 422-2. Community Problems. Credit 2. An analysis of the major problems of American community life and the classification of these problems. Open to graduate students. Prerequisites: Sociology 212-2.

SOCIOLOGY 432-1, 432-2. Modern Health and Social Movements. Credit 2.

SOCIOLOGY 472-1, 472-2. Social Legislation. Credit 2. A survey of the extent of sickness, accidents, unemployment, invalidity and poverty among various classes of your population and the degree of maladjustment incident thereto. A compilation analysis and appraisal of the state and federal laws passed to achieve some measure of social security. Methods and problems of administration. Other attempts to achieve social well-being. Prerequisites: Basic course in Economics, History, Sociology, and Political Science.

DIVISION OF HOME ECONOMICS

E. C. May, M. S., Director

EDUCATION 362-1, 362-2. Home Economics Methods. Standards for good teaching methods and testing. Practice in planning curricula and lessons and observing demonstration teaching. Two semester hours credit each term.

EDUCATION 462-1, 462-2. Organization and Presentation in Home Economics. For graduates who desire additional work or for

advance seniors who care to elect. Two semester hours credit. Offered first and second terms. (See Instructor).

Art 112-1. Art Principles. Thorough understanding of art principles as they may be applied to the home, school, and dress. Offered first term, two semester hours credit.

CLOTHING 222-1, 222-2. Children's Clothing. Problems involved in the selection and construction of garments for children and infants. Two semester hours credit each term.

CLOTHING 312-1, 312-2. Costume Design. Problems in Clothing Design and its relation to clothing. Two semester hours credit, offered each term.

CLOTHING 322-1, 322-2. Advance Garment Construction. Application of the principles of costume design; the development of technique in the construction of various types of garments. Two semester hours credit each term.

CLOTHING 422-1, 422-2. Advanced Problems in Clothing. Problems selected that will demonstrate initiative and independence on the part of the student. Two semester hour credit each term.

HOUSE 312-1, 312-2. Planning and Furnishing and Management. Care of the home for the moderate and low income groups, with emphasis on planning, furnishing, and equipping. Two semester hours credit each term.

HOUSE 413. Practice House. Experiences in group living, and opportunities to develop skills and technique. Three semester hours credit. Offered each term.

PARENTAL EDUCATION 412-1, 412-2. Child Care. A study of the child growth and development. Two semester hours credit each term.

PARENTAL EDUCATION 401-10 Nursery School Observation. Observation and participation in nursery school, offered both terms. One semester hour credit.

FOODS 212-1, 212-2. Elementary Nutrition. Relation between food and health. Etiquette, and various methods of preparing and serving meals are emphasized. Two semester hours credit each term.

FOODS 222-1, 222-2. Foods Problems. Classification, Composition occurrence, general properties of food in the diet. Scientific principles applied to cooking processes and why. Definite standards established for products. One lecture; eight hours laboratory. Two semester hours credit each term.

FOODS 412-1, 412-2. Advanced Nutrition. Principles of normal human nutrition and application made to practical feeding problems of the individual. Prerequisite: A thorough background in natural sciences is desirable. Two semester hours credit each term.

FOODS 422-1, 422-2. Advanced Problems in Nutrition. Aims for individuality and thoroughness by problems method. Two semester hours credit each term.

DIVISION OF MECHANIC ARTS

J. J. Abernethy, M. S., Director

The unexcelled equipment and experience of the teachers in the Division of Mechanic Arts are offered to all students and teachers in the Summer School. Smith-Hughes work will be carried, work in architectural and Mechanical drawing and industrial education will be offered to all college students.

The following industrial courses will be offered: Auto Mechanics and Machine Shop Practice; Cabinet Making and Carpentry; Plumbing and Steam Fitting; Painting and Decorating; Printing and Linotype Operation; Shoe Making and Shooe Repairing; Tailoring and Garment Making; Laundering and Dry Cleaning; Broom and Mattress Making; Electrical Wiring and Repairing; and Stationary Engineering.

MECHANIC ARTS 112-1, 112-2. Engineering Drawing. Selection and use of drawing instruments, construction of geometrical figures, lettering, orthographic projection, etc.

MECHANIC ARTS 312-1, 312-2. Architectural Drawing. A study of architectural conventions and details, building details, special attention to high standards of lettering and draftsmanship. Prerequisite: Descriptive Geometry 122. Preparing working drawings and specifications and other small buildings.

MECHANIC ARTS 212-1, 212-2. Machine Drawing. Parallel conventional representations, details and assembly working drawings, modern drafting room systems. Prerequisites. Descriptive Geometry 112.

INDUSTRIAL EDUCATION 372. Vocational Guidance. Credit 2. A study of the rise and development of the movement and of surveys and their application to the problem. A careful consideration of personnel functions and administration in education, in business, and industry; and the preparation and classification of occupational information for the use in guidance and placement.

INDUSTRIAL EDUCATION 482. Social and Economics Factors Affecting Industrial Education. Credit 2. A study of economic problems affecting industry, including the theories of management, and the problem of rewards to stockholders, managing employees and workmen, production, organization and practices, distribution, consumption, prob-

lems of control and standards of efficiency in industry, with special emphasis on the economic results of efficient industrial education.

NOTE:—Any subject in the Mechanic Arts curriculum will be offered if requested by sufficient number of students, provided the teaching force will permit.

The following trade courses are to be given either term as arranged with the instructors:

Auto Mechanics—Mr. Jones, I. E. Shop
Broom and Mattress Making—Mr. Cleaver, I. E. Shop
Carpentry and Cabinet Making—Mr. Brittain, I. E. Shop
Laundry and Dry Cleaning—Miss Farrell, Laundry
Machine Shop Practice—Mr. Jones, I. E. Shop
Plumbing and Steamfitting—Mr. Muckleroy, I. E. Shop
Printing and Linotype Operation—Mr. Bell, I. E. Shop
Shoemaking—Mr. Johnson, I. E. Shop
Stationary Engineering—Mr. Fry, Power Plant
Tailoring—Mr. J. M. Wilson, I. E. Shop

CONTENT AND TEACHER TRAINING COURSES WILL BE OFFERED TRADE AND INDUSTRIAL TEACHERS AS FOLLOWS:

INDUSTRIAL EDUCATION 342. Methods and Materials of Teaching Laundering. (15-42) Credit 2. First half of the first and second terms. Study of textiles, cleansing agents, stains, and effect of sunshine, heat, soap, acids, and alkalis on fabrics. Various demonstrations will be made through laboratory tests. Methods of teaching laundering including the care and use of equipment will be discussed.

INDUSTRIAL EDUCATION 362. Methods and Materials of Teaching Home Hygiene (15-42) Credit 2. First half of the first and second terms. Methods of developing correct attitudes, appreciation, ability and skill in caring for the sick in the house will be discussed in detail. Emphasis will be placed on rules of sanitation, scientific care, comfort and feeding of the patient through laboratory practices.

INDUSTRIAL EDUCATION 363-1. Methods and Materials of Teaching Meals in the Home I. (20-45) Credit 2. First and second half of each term. Methods of teaching the selection, preparation and serving of foods for the average family through laboratory practices.

INDUSTRIAL EDUCATION 363-2. Methods and Materials of Teaching Meals in the Home 2. (20-45) Credit 3. Second half of first terms. Methods of teaching, the planning of menus, making supply lists, preparing and serving for all occasions, budgeting time and preparing and serving for all occasions, budgeting time and preparing work schedules.

INDUSTRIAL EDUCATION 372. Methods and Materials of Teaching the Care of Children. (15-42) Credit 2. Second half of first and second terms. This course will deal with the general care of children including comfort and feeding. Special emphasis will be placed on correct attitudes and relationship problems.

INDUSTRIAL EDUCATION 302. Methods of Teaching and Class Management. Credit 2. First half of the first term. Organization of equipment and economical ways of securing materials as teaching aids; the teaching steps and procedures, discipline and individual adjustment, grading, records and reports.

INDUSTRIAL EDUCATION 312. Analyses. Credit 2. First half of first term. The student must know a trade which will be divided into its several parts, as units, operations, jobs, science, mathematical content. This course will deal further in breaking specific jobs or type jobs into skills, operating points, and human and mechanical points. Prerequisite: At least two years of trade experience.

INDUSTRIAL EDUCATION 373. Vocational Guidance. Credit 3. First term. A study of the rise and development of the movement and survey and their application to the problem. A careful consideration of personnel functions and administration in education of occupational information for the use in guidance and placement.

INDUSTRIAL EDUCATION 402. Organization of Instructional Materials. Credit 2. Second half of first term. From material obtained from occupational analysis, teachable content is organized. Lesson plans, job sheets, and information sheets are prepared.

INDUSTRIAL EDUCATION 412. Course Making. Credit 2. Second half of first term. Methods of outlining courses of study to meet the needs of the different types of classes. Each student will make a complete course for the subjects in which he has had most experience.

INDUSTRIAL EDUCATION 452. Coordination in Part-Time Education. Credit 2. First half of second term. This course will deal with the problems of coordination where a part-time program is operated in connection with the school and the job.

INDUSTRIAL EDUCATION 462. Aims and Objectives of Vocational Education. Credit 2. First half of second term. A study of the principles underlying vocational education, type of vocational schools and classes, efficiency factors in vocational education, the Smith-Hughes Act, and the Texas State Plan for Vocational Education, with special reference to industrial education.

INDUSTRIAL EDUCATION 482. Social and Economic Factors Affecting Industrial Education. Credit 2. Second term. A study of economic problems affecting industry, including labor unions and fed-

eral, State and municipal laws, regulations and ordinances with special emphasis on as to their affect on Industrial Education.

NOTE:—Principals and teachers, both in service and prospective will be permitted to enter resident classes in Vocational Guidance, Aims and Objectives in Vocational Education, and Social and Economic Factors affecting Industrial Education, for college credit upon the approval of the Director of the division which they are majoring.

There is a regular maintenance fee of \$22.50 for each five weeks, and an enrollment fee of \$10.00. There is also a \$5.00 laboratory fee charged for students taking such courses as "Meals in the Home, I and II," "Laundering" and "Home Hygiene." This, however, provides the necessary practice materials to do effective work.

THIRD ANNUAL BOY SCOUT CAMPORAL

CAMPORAL FOR BOY SCOUTS AND TRAINING COURSE IN TROOP CAMPING LEADERSHIP: These two projects will run simultaneously, July 22 to 27 inclusive, 1940, and will be under the general supervision of James P. Fitch, Regional Scout Executive.

The Camporal will be for patrols and troops of Boy Scouts, under their own adult leaders (no provision being made for taking care of individual Scouts or Scouts who come without adult leadership) and will be directed by Minor Huffman, Deputy Regional Scout Executive. This camporal, which has become an annual activity on the college campus, is in reality a camp, with a full program of camping activities and demonstrations of Scoutcraft.

The Troop Camping Leadership Training Course will be directed by Stanley A. Harris, Director of Interracial Scouting, National Council, Boy Scouts of America, and will be for adult leaders only.

Enrollment for the Camporal and for the Troop Camping Leadership Training Course should be made through the Scout Executive of the Boy Scout Council in which you reside. If you do not have this information, write direct to the Regional Office, Boy Scouts of America, 209 Tower Petroleum Building, Dallas, Texas, to find out the name of your Scout Executive.

Cost of participation, including meals, in the Camporal will be \$2.50 per person, Scout or leader. There will be no extra charge for participation in the leadership training course. Should any man register for the training course only, he will pay the same charge—\$2.50—that is made for participation in the Camporal.