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Southern University and A & M College 1945-May SummerSchool Catalog

Southern University and A&M College

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VOLUME 31

MAY, 1945

NUMBER 4

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Southern University and A & M College

SOUTHERN UNIVERSITY LIBRARY

BULLETIN

SOUTHERN UNIVERSITY
AND
AGRICULTURAL AND MECHANICAL COLLEGE

SUMMER SCHOOL ISSUE

PUBLISHED QUARTERLY BY SOUTHERN UNIVERSITY AND A. & M. COLLEGE
SCOTLANDVILLE, LOUISIANA

Entered as Second Class Matter July 17, 1941 at the Post Office at Scotlandville La.,
Under the Act of August 24, 1912

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SUMMER CALENDAR, 1945

Registration, in the Gymnasium, 8:00 A.M. to 12:00 M., and
 2:00 to 5:00 P.M. Monday, May 28

Regular Classwork begins. Late Registration Tuesday, May 29

Registration ends. No refund is made of tuition or fees nor is registra-
 tion for credit permitted after this date Friday, June 8

Summer Session ends Saturday, August 18

STATE BOARD OF EDUCATION

HON. FRANK A. GODCHAUX, <i>President</i>	Abbeville
MRS. ELEANORE H. MEADE, <i>Vice-President</i>	Gramercy
HON. PARRISH FULLER.....	Oakdale
HON. JOHN P. GRAHAM.....	Ruston
HON. RUFUS C. HARRIS.....	New Orleans
HON. H. H. HOLLOWAY.....	Amite
HON. JACOB H. MORRISON.....	New Orleans
HON. GEORGE T. MADISON.....	Bastrop
HON. ROBERT H. CURRY.....	Haynesville
HON. BRONIER THIBAUT.....	Napoleonville
HON. MORGAN WALKER.....	Alexandria
HON. JOHN E. COXE, <i>Secretary</i>	Baton Rouge

ADMINISTRATIVE OFFICERS

FELTON G. CLARK, A.B., A.M., Ph.D.....	<i>President</i>
J. B. CADE, A.B., A.M.....	<i>Dean of College</i>
MARY C. MEADORS.....	<i>Cashier</i>
G. LEON NETTERVILLE, JR., A.B.....	<i>Business Manager</i>
J. J. HEDGEMON, B.S.....	<i>Registrar</i>
CAMILE STIVERS SHADE, A.B., B.S. in L.S.....	<i>Librarian</i>
MARTIN L. HARVEY, A.B., A.M.....	<i>Dean of Men</i>
E. L. EDWARDS, A.B.....	<i>Acting Dean of Women</i>
RAYMOND M. BARANCO, M.D.....	<i>Director of Department of Health and Health Education</i>
P. O. WAILES.....	<i>Supervisor, Boarding Club</i>
BURNETT A. LITTLE, B.S.....	<i>Auditor</i>

GENERAL INFORMATION

HISTORICAL STATEMENT

In 1879, Honorable P. B. S. Pinchback, Honorable T. T. Allain, and Honorable Henry Dumas stood as sponsors of the movement in the Constitutional Convention of the State of Louisiana which resulted in the settlement of an institution in the city of New Orleans for the education of persons of color to be entitled Southern University, which was chartered by the General Assembly of the State of Louisiana in the city of New Orleans, January, 1880.

In 1886, the State Legislature appropriated \$14,000.00 for the purchase of grounds and erection of building to be located at Magazine and Soniat Streets, New Orleans. Under Federal Acts of 1880 and 1907, known as the Morrill-Nelson Acts, the institution was reorganized by the Federal Government as a Land-Grant College offering definite training in Agricultural and Mechanical education. In 1914, under Act 118 of the General Assembly, the institution was removed from New Orleans to its present site.

LOCATION

Southern University is located at Scotlandville, five miles north of Baton Rouge. It is easily accessible, being near the intersection of the Louisiana and Arkansas and the Yazoo and Mississippi Valley railroads. The college is situated upon a bluff overlooking the Mississippi river, and for natural beauty and climatic conditions is not excelled in the entire Southland. The post office in Scotlandville gives special service to the institution and complete telephone and telegraph service via Baton Rouge is afforded.

CAMPUS AND EQUIPMENT

The grounds of Southern University consist of a tract of 523 acres. The central campus consists of about 70 acres. The campus is planted with trees, hedges and flower gardens which make it especially attractive.

The equipment for the summer session includes the entire plant of the college consisting of the library, laboratories, shops, farms, orchards, livestock, and experimental plots. The equipment for work in agriculture, farm engineering, home economics, industrial arts and sciences, manual training and related subjects is in keeping with the resources of the college.

THE LIBRARY

In the library, special attention has been given to books of references for courses offered. It contains about 25,000 accessioned volumes exclusive of public documents. The books are well chosen to meet the reading needs of students of all departments, and plans are being formulated whereby the collection may be constantly improved by addition and elimination.

RATING OF THE SCHOOL

Southern University, the State college for Negroes, is a standard four-year college-varied curricula leading toward the Bachelor of Arts and Bachelor of Science degrees.

It is accredited as a Class "A" college by the Louisiana State Department of Education and by the Southern Association of Colleges and Secondary Schools. Such accreditation should warrant the admission, without examination, of its graduates to the graduate division of any standard university requiring the Bachelor's degree for admission.

PURPOSE OF THE SUMMER SESSION

The summer session of Southern University, which is supported and authorized by the State Board of Education of Louisiana, is a regular part of the college program and is planned to afford an opportunity for students to shorten the period required for diplomas, degrees and certificates; to encourage and assist teachers in service in keeping abreast of the rapid progress being made in the professional field of education; to enable teachers to renew certificates as required by the State Board of Education; and otherwise to advance the teaching profession whatever ways the institution may cooperate.

SUMMER FACULTY

The faculty for the summer session is composed, for the most part, of persons who belong to the regular staff. These men and women are prepared to give thorough training in the fields which they represent, having been trained in the best universities of the country.

The courses offered in the summer session are of the same calibre and scope as those of the regular session. No differentiation is made between credit for the summer courses and credit for the regular session.

Any course listed in the 1944-45 regular session catalog will be offered upon request of ten or more students.

SPECIAL COURSES

In cooperation with the State Department of Education, special courses are being offered for teachers holding "T" certificates, teacher-librarians, high and large elementary school teachers.

Also, will be offered in the following fields, courses which relate to the war effort and training for the war effort: Agriculture, Business Education, Home Economics, Mechanic Arts, Music, and Physical Education.

WORKSHOP FOR TEACHERS OF EAST BATON ROUGE PARISH

East Baton Rouge Parish Board of Education has completed arrangements providing for a three-week period of study for all teachers in the parish. White teachers will study at Louisiana State University; Negro teachers will study at Southern University. Problems to be studied in the workshop embrace the fields of English, Home Economics, Mathematics, Social Studies and Health and Recreation for high school teachers; and reading and health and recreation for elementary school teachers. Competent and efficient consultants from within and without the Southern faculty will be provided.

Although the workshop is primarily to meet the peculiar needs of East Baton Rouge parish teachers, special arrangements may be made for teachers having same or similar problems to work on them during the same period.

No credit is given for workshop participation. The period of the workshop is June 11-July 2, 1945.

HOUSING ACCOMMODATIONS

Adequate dormitory facilities are provided for men and women who live out of town. The dormitories are modern in construction and equipment and are centrally located which make comfort and convenience possible to students who reside on the campus. Each room is furnished with dressers, chairs, study table, single beds, and mattresses. Students must supply their own sheets, pillow cases, bed coverings, towels and other toilet accessories.

CREDIT TOWARD STATE CERTIFICATION

College courses, when completed and properly certified, are accepted by the State Department of Public Education toward State certificates under the Louisiana School Law and State Board requirements, subject to such regulations as are in effect in that department, governing grants of certificates. Information concerning the requirements

EXPENSES

Entrance fee	\$7.00
This fee covers laboratory dues, infirmary services, use of the library, admission to lectures, concerts, and other lyceum numbers.	
Room and laundry for twelve weeks	\$12.00
Late entrance fee	1.00
Each student of a university dormitory must purchase each month a meal book, price of which is \$20.00.	

GENERAL REGULATIONS

ADMISSION TO COLLEGE

The requirements for admission to courses leading to a degree or diploma is the satisfactory completion of an approved high school course with minimum of 15 units properly distributed. A unit in any subject represents a year of study consisting approximately of a quarter of a full year's work in a high school. The four-year high school course is taken as a basis, and it is assumed to be not less than thirty-two weeks in length, that a recitation is from forty to sixty minutes in length, and that the study is pursued for four or five periods a week.

Graduates of non-accredited high schools, teachers of experience and mature applicants who cannot offer 15 units from an accredited high school, may be admitted to college upon successfully passing college entrance examinations.

Of the 15 units required for entrance, six are prescribed as follows:

English	3
Mathematics	1
History	1
Science	1

Persons who cannot meet the college entrance requirements will not be given collegiate credit for any courses taken during the summer session. Each person seeking a teacher's certificate or an extension or renewal of certificate should file with the regis-

trar before the time of registration a complete transcript of his high school record. This will avoid unnecessary delay in reporting of grades at the close of the summer session to students, and to the State Department of Education for certification purposes.

Transcripts of records must be sent directly to the registrar of the college by the principal or registrar of the school last attended. In no other way will they be accepted and recognized as official.

CREDIT FOR WORK DONE IN OTHER COLLEGES

College credit which students wish to offer for advanced standing will be accepted from colleges that were accredited at the time of the applicant's attendance by the standardizing agency for the territory in which the institution is located. Such credit may be allowed without discount provided that the courses were passed with a grade of "C" or above, and that they are conducted in fulfilling requirements for a degree in Southern University. In no case, however, will any request for work done elsewhere be considered unless presented during the first summer of attendance.

REGISTRATION

Summer School students should present themselves for registration on the day set aside for that purpose, which is Monday, May 28. In registering, the students will follow directions given at the Registrar's office (located in Gymnasium, Monday, only), and will be expected to pay all fees before completing registration.

Inasmuch as registration on the designated day is vital to the successful working of any system of registration, the following regulations will be rigidly enforced during the summer session:

1. Any student who registers after Monday, May 28, will be charged a late registration fee of \$1.00 and then may not be permitted to carry a full schedule during the summer session.
2. No student will be given credit for any course taken in which he has not properly enrolled in the registrar's office.
3. No student will be given credit for any course taken unless notice of enrollment has been sent to the instructor from the Registrar.
4. Under no circumstance is part credit given for part-time attendance or for partial completion of a course.

CHANGE IN REGISTRATION

Registration may be changed within the first five days of the Summer Session. A course dropped with the permission of the Director of Summer Session within the first eight days will not be included in the registration for the session. A course dropped without permission or after the first eight days of the session shall be recorded with a failing grade.

When a student desires to drop or add a course or change from one section of a course to another, he should secure from the Registrar a card especially made for the change. He should then secure the permission for the change from the Director and file the card properly filled, with the Registrar. The penalty of violation of the above regulation is the assignment of the grade "E," failure, in that course.

CLASSIFICATION

Applicants will be classified on the basis of satisfactory records. Classification is absolutely necessary. All persons working for degree or diplomas will pursue studies on the college level based upon satisfactorily meeting entrance requirements. Each applicant not already classified in the Summer Session must have sent to the Registrar of the College a transcript of the credits already earned. These should be properly signed and forwarded by the school in which earned. There can be no definite and permanent classification until such a transcript is received.

BASIS OF CLASSIFICATION

Freshman classification is assigned to those students who present 15 high school units, properly distributed and have not acquired as many as 30 semester hours of college credit. Students who present 15 high school units, but who fail to meet specific entrance requirements in one subject, are classified as conditioned freshmen. Any condition must be removed before the student is given sophomore standing.

Sophomore standing is given to those students who have no entrance condition and have earned at least 30 semester hours of college credit.

Junior classification is given those students who have earned at least 60 semester hours of college credit.

Senior classification is given those students who have earned at least 90 semester hours of college credit.

AMOUNT OF CREDIT

During the Summer Session each course is organized so as to cover in twelve weeks, all the material which the corresponding course covers in eighteen weeks during the regular session. This is accomplished through intensive measures such as daily class periods, double class periods, and carefully checked reports on extensive outside reading. A summer school student is, therefore, permitted to carry only four courses or the equivalent.

During the Summer Session, lecture courses yielding three semester hours of credit shall meet five times per week; those yielding two semester hours of credit shall meet three times per week; and those yielding one semester hour of credit twice per week.

EXTENSION CREDITS ALLOWED

Students may apply toward the bachelor's degree a maximum of 30 semester hours by extension or correspondence study. No more than six semester hours will be accepted for courses pursued in extension or correspondence schools during any one academic year; and while in residence, a student shall under no circumstances be allowed to take extension or correspondence nor register in any other institution.

By extension courses or correspondence study is meant the pursuing of courses of study outside of regular residence at the college.

UNIT OF CREDIT

The unit of credit used by the college is the semester hour, which signifies one recitation per week for a term of eighteen weeks, or the equivalent in laboratory or shop practice, and presupposes an average of two hours of outside preparation for each recitation.

Students are graded in their courses by letters; and grade points per credit hour are assigned according to the quality of work done as follows:

SYSTEM OF GRADING

A—Exceptional scholarship	3
B—Distinctly above average	2
C—Average quality	1
D—Barely passing (lowest passing grade)	0
E—Failure	0
I—Incomplete	0
W—Withdrew officially	0

Credit for any course in which a student has received a grade of "E" can be obtained only by repeating the course in class.

"Incomplete" grades must be removed by the end of the first six weeks of the following term if the student is in residence; or within one year if the student is not in residence; otherwise, the grade will automatically revert to "E" (failure).

REQUIREMENTS FOR DEGREES

BACHELOR OF ARTS AND BACHELOR OF SCIENCE

Courses for the degree, Bachelor of Arts or Bachelor of Science, extend over a period of four years. One hundred and twenty-eight semester hours, distributed in prescribed and elective courses and a minimum of 144 quality points are required for graduation. The average number of hours needed each semester is approximately sixteen.

RESIDENT REQUIREMENTS

A minimum residence of one continuous school year of thirty-six weeks immediately preceding graduation is required of all applicants for any degree or diploma. The applicant must have registered in the college during the senior year, and earned in residence the last 30 semester hours. This requirement cannot be satisfied by attendance at extension alone. Records from extension schools will be considered a part of the work which may be done out of residence. The resident requirement may be met by attendance at three consecutive summer school sessions.

CHANGE OF CURRICULA

Students changing from one curriculum to another use as for instance, from the curriculum leading to preparation for teaching in the elementary school to one leading to agriculture or teaching in the high school should expect to lose a portion of the credits previously earned. Transfers of credits may be made for those courses which may be elective or both. The amount of loss will necessarily depend upon the extent to which the original curriculum has been pursued. However, no change of curricula may be made later than the beginning of the senior year.

DESCRIPTION OF COURSES

AGRICULTURE

AGRICULTURAL BIOLOGICAL SCIENCES

- 311—General Bacteriology—The course includes the morphology, classification, physiology and cultivation of bacteria; relation of bacteria to health of man, animal, and plants. Credit, 3 Hours.

ANIMAL HUSBANDRY

- 212—Principles of Dairying—This course deals with testing milk and products, care and uses of milk, making of butter, ice cream, and soft cheese. Credit, 2 Hours.
- 310—Production and Handling of Home Milk Supply—This course covers a study of how to care for the family milk cow, proper methods of milking and handling of milk in the home will be stressed. Credit, 2 Hours.
- 320—Care of the Small Poultry Flock—This course covers the principles and practices involved in the raising of small flocks of birds, selection of eggs for setting, natural incubation, buying baby chicks, brooding, feeding, prevention of parasites and diseases. Credit, 3 Hours.
- 321—Poultry Production—This course includes a study of types and breeds together with feeding, care, and management of the poultry flocks. Credit, 3 Hours.

AGRICULTURAL ECONOMICS

- 410—National Agricultural Policies—This course will include a study of the agricultural programs in effect and especially those programs since the second post-war depression. Credit, 2 Hours.
- 412—Consumer Economics—Credit, 3 Hours. See HOME ECONOMICS for description.
- 421—Marketing Farm Commodities—Special attention will be given to the orderly marketing practices for both major and minor cash farm products in Louisiana. This course affords actual experiences in collecting data on the practicable activities now operating in the marketing system of Louisiana and the nation. Credit, 2 Hours.

HORTICULTURE

- 411—Home, School and Farm Beautification—This course includes a study of trees, shrubs, and other plants for home, school, and farm beautification; laying out walks and drives; grading home and school farm as well as planting trees, shrubs and other plants and flower seeds. Credit, 2 Hours.
- 300—Home and School Gardening—This course will include a study of the important vegetable crop plants adapted to the southern region, garden arrangement and planting, soil preparation and fertilization, culture of specific plants, and harvesting crops. Some time will be devoted to a study of the methods of insect and disease control. Credit, 2 Hours.

AGRICULTURAL EDUCATION

- 311—Agricultural Teaching Program and Methods of Instruction—Credit, 3 hours. The first twelve weeks of this course will be devoted to (a) determining the duties and responsibilities of the teacher of agriculture and the necessary qualifications to fulfill them; (b) becoming acquainted with people and agricultural problems in rural communities; and (c) setting up objectives in agriculture with emphasis in farmer training. The last six weeks of the course will be devoted to a study of methods and devices for executing the teaching program. Please refer to description of 431. Instructor: Mr. D. B. Matthews.
- 421—All Day, Part-Time, and Evening School Instruction—Credit, 3 hours. Planning courses in instruction for all day, part-time, and evening school groups; and developing lesson or job plans necessary to execute the teaching plan. Some emphasis will be made in special methods and devices in teaching. Supervised practice records and reports involved in the phases of instruction will also be studied. Instructor: Mr. D. B. Matthews.

ART

- 111, 122—Public School Art—This is a study of general art. Its primary objective is to supply the student with the necessary knowledge, technique and skills in preparation for the teaching of Public School Art in the elementary grades. Credit, 3 Hours Per Course.
- 110—Commercial Art—Attention is here given to art as it is related to the business world. The various units of commercial art including drawing, lettering, advertising, decorating, etc., with emphasis on structure, rhythm, proportion, style, posing and special efforts are here presents. All popular materials are used. Credit, 3 Hours.

BIOLOGY

- 111—General Biology—A general course for the purpose of illustrating the general principles of plant and animal life, offered as a basic course in general education to establish the interrelationship of plant and animal structure, function, and origin and development. The economically important plants and animals of the region are stressed. Credit, 3 Hours.
- 111—General Zoology—Animal biology; structure, function, interrelations, origin and development of animal life. Credit, 4 Hours.
- 112—General Botany—Structure and relations of representative organisms of each of the major divisions of the plant kingdom. Credit, 4 Hours.
- 411—Elementary Principles of Genetics—Elementary principles of heredity and their general bearing on plant and animal breeding and related biological problems. Prerequisites: Biology 111, 112. Credit, 2 Hours. By Arrangement.

BUSINESS EDUCATION

- 211, 222—Accounting—Elementary principles of record keeping will be presented. Laboratory problems of sufficient variety and a practice set of books will be used to apply theory presented in lectures. Accuracy and neatness in keeping books

and records will also be stressed with special emphasis being placed on Negro business, and actual business problems will form a basic part of work. Credit, 4 Hours per course.

- 211, 222—Typewriting—This course provides a thorough mastery of the typewriter, the arrangement of typewritten material, and the acquisition of speed. Special attention will be given to rough drafts, letters, manuscripts, documents, and other legal forms. Full credit requires that a student type at the rate of forty words per minute for fifteen consecutive minutes. Daily attendance. Credit, 3 Hours per course.
- 233—Pre-Induction Typewriting—Designed primarily for men who are to be entrusted with Army and Navy correspondence. Its main purpose is to develop the necessary skill in typing military records and messages and serves as refresher course for those who are desirous of increasing speed. Those who desire to become affiliated with the WAC will find this course to be of great value. Credit, 4 Hours.
- 351, 362—Office Procedure (By Request)—Prerequisite: Typewriting 211, 222. This course offers an introduction to office management, giving further practice in typewriting—cutting stencils, speed—and acquainting the student with the various types of office appliances, duplicating (mimeograph, ditto, multigraph) and calculating machines (Burroughs, Monroe and Sundstrand adding machines)—and working knowledge of the most common methods of filing. Credit, 2 Hours each.
- 311—Shorthand—Regular first semester course devoted to a thorough study of the Gregg Method of writing shorthand, brief forms and phrases, with special emphasis placed on penmanship and accurate reading and writing of notes. Credit, 4 Hours.

CHEMISTRY

- 111—General Chemistry—This course covers the chemistry of non-metallc elements including fundamental laws, theories and hypotheses. It is intended to furnish sufficient background to enable students to continue with Chemistry 122 or with Chemistry 151 which is discontinued after June, 1945. Credit, 3 Hours.
- 162—Physiological and Food Chemistry—This course deals with the fundamental principles of Physiological and Nutritional Chemistry. Credit, 3 Hours.

ECONOMICS

- 210—Principles of Economics—This course introduces the student to the general field of Economics. Various economic principles and modern economic developments are interrelated in the study of industrial society and the operation of its institutions. The course deals with production, distribution, consumption, banking systems, wages, interest, rent, and profits. Credit, 3 Hours.

EDUCATION

It is suggested that persons who desire to have certificates raised or renewed enroll in one or more of the following courses:

Education 210, 211, 321, 332, 411, 421SX, 431SX.

- 210—Introduction to Education—Course designed to give the student an overview of the aims, organization, and procedures of education; and to give information regarding the opportunities and requirements in education as a profession.
- 222—Child Psychology—Emphasis is placed upon the general analysis of infant behavior, motor development, motivation, language, thinking, work, and play.
- 321—Principles of Secondary Education—This course is planned to give a broad, comprehensive understanding of the field of Secondary Education. Effort is made to interpret these backgrounds and practices in other countries, but greater emphasis is put on the aims, purposes, issues, and functions of Secondary Education. Effort is made to interpret these aims, functions, etc., in relation to other educational units as well as in the light of present day social and economic needs. Credit, 3 Hours.
- 332—High School Methods—Designed to acquaint prospective high school teachers in a practical manner with teaching procedures, materials and devices generally applicable in high school instruction. The objectives of the rural high school, classroom management and discipline, selection and organization of subject-matter, motivation, economy in directing various types of learning and measuring the results of learning are some of the main topics treated. At least two hours a week must be spent in observation of high school classes at the laboratory school. Prerequisite: Educational Psychology. Credit, 3 Hours.
- 211—Educational Psychology—A course dealing with the learning process as it functions in the various aspects of school organization and instructional procedure. An overview of the field of psychology and the nervous system is given. Special emphasis, however, is placed upon the general characteristics of learning, conditions favorable and unfavorable to learning, the types of learning and the laws which operate for economy in learning. Credit, 3 Hours.
- 232—Adolescent Psychology—Considers the psychological basis of the behavior of adolescents, with emphasis on problems arising out of the social environment with a view to introducing prospective teachers, supervisors and administrators to the nature of secondary school pupils. A thorough study is made of the physical, mental and moral nature of adolescents, especially as it affects school procedures. Credit, 3 Hours.
- 411—Principles of Education—This course attempts to evolve a simple, pragmatic theory of education based on the backgrounds of sociology, psychology and philosophy. Some time is devoted to a survey of the large movements in the history of education which lead up to present-day practices and procedures, the evaluation of which considerable time is given. Credit, 3 Hours.
- 341—Reading Materials and Methods—Course designed to help students understand the importance of reading in our educational set-up and to give the information needed and the techniques used in teaching reading in the elementary school. Credit, 3 Hours.
- 420—Evaluation Procedures—This course is designed and organized to convey to students the modern concept of evaluation as opposed to older concept of testing. Many procedures in school evaluation are studied. Much practice in use of new type and standardized tests is given as one of the procedures for evaluating the modern school. Credit, 2 Hours.
- 430—Directed Teaching in Elementary School—Students selected for course are given teaching assignments in the campus Demonstration School. Objectives, units and

- daily lesson outlines are worked out and used under careful supervision and in situations similar to those of well ordered school systems. (Course open only to seniors.) Credit, 6 Hours.
- 440—Directed Teaching in Secondary School—Student teaching in the campus Demonstration School under careful supervision. (Open only to seniors.)
- 411SX—Administration and Supervision of the Small High School—This course will treat the special problems met in the administration and supervision of small high schools. Problems will be selected from a list supplied by state agents, superintendents, supervisors, and principals of the State. An attempt will be made to select topics for study which will remove weak points in the principals' previous training. Each principal will be required to work out a plan of action for the betterment of the school program. Credit, 3 Hours.
- 421SX—Principles and Techniques of Teaching Elementary School Subjects—The course is offered for principals and prospective principals in the belief that it is necessary for them to be familiar with modern methods and acceptable practices in teaching the fundamental subjects in order for them to be able to assist teachers in the improvement of instruction. Credit, 3 Hours.
- 431SX—Curriculum Development—Selected high school principals and the group will be given training and information that will prepare them for continued participation as leaders in the preparation of courses of study in teaching the fundamental subjects in order for them to be familiar with modern methods and acceptable practices, guides and handbooks.

ENGLISH

- 111—English Composition—A comprehensive and intensive and intensive review of grammar, mechanics, and English usage. Many short compositions are required; oral composition is stressed, and students must read several novels. Credit, 3 Hours.
- 122—A continuation of English 111—Longer compositions are required; book-reviews are written; training and practice in reading more efficiently; in gaining a thorough acquaintance with newspapers and magazines; and in the use of the summary, the paraphrase, and the precis. Credit, 3 Hours.
- 211—English Literature—An introduction to the various forms of poetry and prose, with a view toward helping the student to understand literature as a medium of artistic expression. The development of English literature will be traced in outline from Beowulf through Shakespeare. Prerequisites: English 111 and 122. Credit, 3 Hours.
- 222—English Literature—Studies in the literature from Shakespeare to the writers of today. A few literary masterpieces will be studied intensively as touchstones of good artistic writing. Credit, 3 Hours.
- 310—Public Speaking—Study and practice of the art of effective public speaking; methods of preparation and delivery of the common types of speeches. Class discussions; conferences. Credit, 3 Hours.
- 311—American Literature—A study of the main currents of American literature from the beginning to the present time. A detailed study of representative works of the leading American writers—including Negro authors. Credit, 3 Hours.
- 342—Journalism—Study of every phase of the publication of a newspaper, with particular emphasis upon the school paper. Newswriting, with the

the purpose of improving the student's own style, is stressed. Students in this course are encouraged to gain experience by aiding in the publication of the University Digest. Credit, 3 Hours.

FRENCH

- 111—Elementary—Aims to teach the understanding, speaking, reading, and writing of French. Development of elementary grammatical principles, mainly through reading and oral drill. Special attention to pronunciation. Credit, 3 Hours.

GEOGRAPHY

- 110—Elements of Human Geography—This course is designed to give a comprehensive view of the various features and their effect upon mankind. Credit, 3 Hours.
- 122—Geography of Continents—This course aims to give the student a thorough knowledge of the continents; first, as major land forms, then as centers of population, with emphasis upon the interdependence of man in providing "his needs." Credit, 3 Hours.
- 210—Geography of Louisiana—The aims of this course are to acquaint the student with the principal factors which are influencing the development of the state of Louisiana, and to create a greater appreciation for the State. The natural regions are studied, emphasis being placed upon the relations of the different factors of the physical environment to man and man's activities. Credit, 3 Hours.

GOVERNMENT

- 110—American Government—An introductory course in the administration, function and organization of the government of the United States, presenting an historical analysis of the formation of the Constitution, its growth and development. Credit, 3 Hours.
- 322—State and Local Government—Emphasis is given to the government of Louisiana. Credit, 3 Hours.

HISTORY

- 111—Ancient and Medieval History—A general survey of civilization to the fall of Rome. Credit, 3 Hours.
- 110—United States History, 1492-1865—A study of the political, social and economic conditions of the United States during this period. Credit, 3 Hours.
- 311—The Negro in American History—A study of the Negro in relation to slavery, abolition and present day problems. Credit, 3 Hours.
- 411—English History—A brief survey of the history of England with emphasis upon the period, 1688 to the present. Credit 3 Hours.
- 432—International Relations—A study of the diplomatic aspects of European history from the close of World War I to the present. Credit, 3 Hours.
- 442—Recent American History—The United States from 1900 to the present. Credit, 3 Hours.

HOME ECONOMICS

ART AND DESIGN

CLOTHING

- 211—Clothing and Textiles—A study of textile fibers, their source, production, characterization, identification and uses with reference to the selection of fabrics for clothing and the household. This course also includes a study of clothing construction and use of patterns. Credit, 4 Hours.
- 221—Clothing for the Family—A study of the wardrobe needs of the various members of the family, individual requirements. Market conditions and government regulations are considered in planning clothing expenditures. Actual construction and remodeling are taught as means of providing family clothing. Credit, 4 Hours. Prerequisite: Clothing 112.

FOOD AND NUTRITION

- 211—Food Selection and Preparation—A study of food selection, marketing, preparation and serving with special emphasis on principles of cooking, digestibility and nutritive value of common foods. Credit, 3 Hours.
- 322—Costume Design—A study of the elements of design and color involved in costume. This course includes a discussion of the fundamental principles of design. An analysis of color and the use of color theory in the selection and designing of costumes. Credit, 2 hours.
- 342—Nutrition—Food needs of the adult, the adolescent, and the child; nutritive value of food materials commonly used; the importance of nutrition in the individual's daily living; the formation of dietary habits that contribute to the health and well being of individuals. Credit, 3 Hours.
- 462—Nutrition and Health—A study of nutrition with direct emphasis upon health. Such problems as diseases and corrective feeding; the nutritive requirement for individual development and the care and feeding of the sick are included. Credit, 3 Hours.

HOME MANAGEMENT

- 313—Family Relationships—A study of the family from a social, economical and cultural point of view; of home situations that arise; the attitude and influence of training in family life; the relation of members of the family to each other; and maladjustments. Credit, 3 Hours.
- 420—Home Management Residence—This course is designed to permit the student to actually manage a house for six weeks, making it a business proposition. It is the course in which all theories in homemaking are tried out in practical living. Fees must be paid in advance. Credit, 4 Hours.
- 412—Consumer Economics—A study of economic factors directly affecting the buyer, such as the law of supply and demand; price fixing; adulteration; mixing; package vs. pound; labeling as to content, weight and number; co-operative buying; and competition. Credit, 3 Hours.

CHILD DEVELOPMENT

- 313—Child Development—This course includes the development and care of the young child with consideration for his mental, physical and social needs. Credit, 3 Hours.
- 422—Nursery School Procedures—This course provides opportunity for practical experience in guidance of children in the nursery school. Growth through children's interests and activities is emphasized. Each student is required to develop a special problem. Field work in parent study groups and nursery school is required. Credit, 2 Hours.

HOME ECONOMICS EDUCATION

- 321—Methods of Teaching Vocational Economics—The aims of this course are to study good methods of teaching home economics in terms of environmental needs. To understand the vocational home economics movement, good organization and suitable equipment for Home Economics. Credit, 4 Hours.
- 450—Observation, Participation and Classroom Management—A course allowing for observation and participation in classroom procedures and activities under experienced instructor. Credit, 2 Hours.
- 470—Teaching Adults Homemaking—Here, attention is given to organization, selection of subject matter and adaptation to group needs. Discussion concerning special aims will be followed by observations of adult classes. Credit, 2 Hours.
- 322—Problems in Home Economics—An attempt is made in this course to point out major problems encountered by Home Economics teachers in the State. Through discussion, study and laboratory experiences, some solution to individual needs is made. Attention will be given to curriculum building and to adjustment of individual programs. An individual problem is required of all. Prerequisites: Home Economics Education 321. Credit, 5 Hours.

LIBRARY SCIENCE

These courses are provided for two reasons: First, to provide teachers with some library training for the high school and training schools of the State; and second, to furnish each parish with a teacher who has had some training which will enable her to handle the free state library books.

- 311—Library Administration—A general course in the organization and supervision of school libraries and library materials. It covers the arrangement of library quarters, circulation work, the technicalities of book preparation for use and the relationship of the library to the school community. Credit, 3 Hours.
- 321—Children's Literature—A course dealing with criteria and methods of selecting children's books, and book selection aids. Standards of judgment are developed through examination of the best children's books, varied readings, and practice in the best children's books, varied readings, and practice is given in making verbal and written annotations. Credit, 3 Hours.

MATHEMATICS

- 111, 122—Basic Mathematics 111 will consist of intuitive geometry, formulas of mensuration, and demonstrative geometry. Course 122 will consist of elementary

algebra, advanced algebra, and the elements of plane trigonometry. The trigonometry will be confined to the right triangle and the use of logarithms. Credit, 3 Hours.

Course 111 is not a prerequisite to Course 122. These courses will not count as a major or minor in mathematics.

- 131—Algebra—This course will deal with special products, factoring, equations in one and two unknowns, problem solving, and elements of quadratic equations. It is offered particularly for pupils in the department of education. Credit, 3 Hours.
- 231—Advanced College Algebra—This course will treat advanced topics in quadratics, ratio and proportion, variation, the progressions, the binomial theorem, and the elements of determinants. Credits, 3 Hours.
- 231a—Aircraft Mathematics—This course is offered to fill a vital war need at the present time, and no doubt with the rapid growth of the aircraft industry, will contribute much to the postwar program. It may be substituted for algebra 231, provided pupils have successfully completed basic mathematics with an average of C or better in courses 111 and 122. The course treats scale drawing, map reading, algebra, geometry, trigonometry, and vectors. Credit, 3 Hours.
- 231b—Astronomy—Closely related to air navigation and marine navigation is a course in astronomy. For this reason and the fact that the department has some valuable astronomical equipment, pupils may choose this course instead of aircraft mathematics if an average of C or better has been made in courses 111 and 122 basic mathematics. This course aims to impart a familiarity with the more important facts and principles of astronomy and with the use of astronomical instruments. Credit, 3 Hours.
- 242—Plane Trigonometry—A review of the right triangle. A careful study of oblique triangles, trigonometric identities, and trigonometric equations. Credit, 3 Hours. Students interested in more advanced courses in mathematics may consult the Dean of the College and the Head of the Department.

MECHANIC ARTS

AUTO MECHANICS

- 101—Introduction to Auto Mechanics—Use and care of shop tools and equipment. A study of the various parts of the car and their function, beginning with the chassis, the body and the principal motor parts, disassembling, assembling and replacing parts and car servicing. A nine weeks' course of eight hours per week will be required. Credit, 3 Hours.
- 201—Applied Auto Mechanics—Fender and body work, painting and refinishing, touch-up work. The principles of the electric system, locating and adjusting troubles in system. Care of the storage battery and how it works. A nine weeks' course of eight hours per week will be required. Credit, 3 Hours.
- 231—Applied Auto Mechanics—In this course the student is taught machine shop work and upholstery. He also learns how to paint automobiles; how to touch-up fenders; how to prepare a car for painting; and to how to match colors. Credit, 3-6 Hours.
- 242—Applied Auto Mechanics—The principle of the electric system is stressed in this course. The storage battery, its construction and repairs and the principles of welding are taught. Credit, 3-6 Hours.

- 351, 362—Advanced Principles of Auto Mechanics—In this course the student works on the floor doing general repairing and overhauling. He gets his experience in diagnosing troubles and the use of a motor analyzer. The student is also taught body and fender repairs. During the second half of the course the student works on the floor as shop foreman. In this capacity he learns to manage the shop, to acquaint himself with his public, to sell his merchandise and to organize his work. Credit, 3-6 Hours.

TAILORING

- 231—Vest Making and Pressing—Making and finishing of the vest, how to manipulate vest patterns, drafting and designing vests and general busheling on vests. The practice of operating the pressing machine; the art of pressing and shaping different kinds of garments. Review on vest making. Cleaning and pressing. Credit, 3-6 Hours.
- 242—Elementary Coat Making—The practice of making the different kinds of coat pockets; canvas fronts, lapels; collar stands, and sleeves. Cleaning and pressing, and coat making. Credit, 3-6 Hours.
- 351—Coat Finishing—Making and finishing of coats, theory of coat making; how to manipulate coat patterns, drafting and designing coats and busheling; how to execute a tryon of coats, vests and trousers; how to adjust common alterations for dormitories. Credit, 3-6 Hours.
- 362—Coat Making Review and Pressing—Review of coat making, cleaning and pressing; a thorough study of textiles and their uses, figuring the amount and cost of material for suits, overcoats and evening dress coats in proportion to height and weight, and taking measurements for different garments. Credit, 3-6 Hours.
- 252S, 362S—Summer Shop Practices (Any Trade).

ELECTRICITY

- 301—Elementary Electricity—Historical background of electricity, its development and uses; electrical tools and materials and how used. The student is required to make the common knots and splices used in electricity. Types of wiring and application. Various types of fittings, how and where used. Credit, 3 Hours.
- 302—Applied Electricity—Practice in various types of wiring as it applies to the home appliances, etc. Credit, 3 Hours.

WELDING

- 301-302—Oxy-Acetylene welding; its place in industry and methods of using. The student is taught to make welds on various types of metals. Electric welding, its use and place in industry. How to care for and use welding equipment safely, with sufficient drill on various welds so that the student will have a general understanding of the work and skill enough to perform the operations satisfactorily.

MACHINE SHOP

- 301, 302—Elements of Machine Shop—Use and care of hand tools; filing, chipping, tapping, threading and reaming. Use and care of power machine; grinding, drilling, boring and lathe operations. Credit, 3-6 Hours.

CARPENTRY

- 231, 242—Principles and Practices in Carpentry—Elementary principles and practice in new construction and repair of the building and equipment of the University; general framing, roof framing, storm sheeting; concrete forms for plain and reinforced concrete; interior finishing and general hardware installation and repair. Credit, 6 Hours.
- 471, 482—Applied Carpentry—This course is designed to assist the student in the application of his acquired knowledge of carpentry through the assignment of projects which will also help him to solve trade problems that he will meet after graduation. Methods of shop supervision which includes making lumber bills, order lumber, estimating and surveying, are also introduced. The student will also be required to act as foreman on construction jobs at the University. Credit, 6 Hours.

INDUSTRIAL EDUCATION

- 441—Vocational Guidance—This course is to give a general knowledge of the economic activities and qualities demanded in the various vocations. It touches upon the modern educational and industrial systems, problems of youth, and ways of meeting these problems. It includes guidance and methods used. Credit, 3 Hours. Six weeks course. Beginning July 9, 1945.
- 321—Industrial Education and Industrial History—Effort is made to assist the student in interpreting modern industrial problems, in understanding the relations of the employer, employee and the consuming public in appreciating local and federal laws governing vocational education; and in getting a historical background of industrial education. Credit, 3 Hours. Six weeks course. Beginning July 9, 1945.
- 322S—Conference and Short Course—Workshop—This course is designed for teachers in service who need special help in organizing and carrying on their teaching programs. Special emphasis will be given to individual teachers' needs and methods of meeting them. Planning, selecting and arranging course material for effective teaching. Selecting and preparing instruction sheets and methods of using course materials. Credit, 2 Hours.
- 321S—This course gives a historical background of vocational industrial education. Effort is made to assist teachers in the interpreting of modern industrial problems as they relate to vocational industrial programs of teaching. The relation of the teacher to local, state, and federal authority is stressed for developing full and intelligent co-operation. Credit, 2 Hours. Courses 322S and 321S will be given in Shreveport, La., June 11-28, 1945 at the Milan Street School, 2115 Milan Street.

MUSIC

- 151—Public School Music. Credit, 2 Hours. (For Non-Music Majors.)
- 162—Public School Music. Credit, 2 Hours. (For Non-Music Majors.)
- 311—Music Methods for Elementary Schools—The aim of this course is to introduce methods and materials to be used in the development of the child's singing voices, the presentation of music notation and correct interpretation of songs. Credit, 2 Hours.

- 322—Music Methods and Materials for High Schools—This course is a continuation of the foregoing with emphasis placed upon the methods and materials of music in the development of the high school student. Credit, 2 Hours.
- 500—School Music Problems—A refresher course for in-service teachers of school music in which methods will be evaluated. Credit, 2 Hours.

MUSIC APPRECIATION

- 131, 142—The Elements of Music Appreciation—A course designs to give better understanding and appreciation for all types of music. Credit, 1 Hour per course.

APPLIED MUSIC

Piano
Voice
Wind Instruments
String Instruments

Credit for Applied Music courses will be awarded as listed in the regular session catalog.

PHILOSOPHY

- 311—Introduction to Philosophy—An introduction to the problems of philosophy with special emphasis upon the significance of contemporary science for present day systems. Credit, 3 Hours.

PHYSICAL EDUCATION

- 212—Folk and Interpretative Dance—The fundamentals of rhythmic, character and folk dancing. Open to women only. Credit 1 Hour.
- 431—Materials and Methods in Teaching Physical Education—Materials and methods for teaching physical education in elementary and high schools. A study of the selection and organization of activities for pupils of various age levels. Story plays, marching, memetic exercises, games, stunts, apparatus work and methods of conducting field days. Credit, 3 Hours.
- 328—Health Teaching—This course aims to present materials and methods for teaching Health in elementary schools and high schools. Special consideration is given to various conditions to be found in rural sections and for home and school relationships. Credit, 3 Hours.
- 110—Principles of Health—It deals with the scientific principles underlying the establishment of health habits and the relation of these practices to success and happiness. It also includes a study in school community health. Credit, 2 Hours.
- 300—Recreational Leadership—This course deals with the conduct of playgrounds; the operation of community centers; promotion and planning of special holiday celebrations, community pageants and festivals; development of community programs in music, dramatics, crafts, nature and athletics; recreation to special groups such as soldiers, defense workers, homes industries, and churches.

- 421—Athletic Coaching—Theory, demonstration and practice.
Includes Football—Two Weeks—Blocking, tackling line play, end play, backfield play, offensive formations and plays. The kicking, passing and running game, generalship, defensive, planning, scouting.
Basketball—Two Weeks—Selection of players, individual offensive and defensive, training, scouting, etc.
Track and Field—Two Weeks—Methods of conducting meets, techniques involved in all standard events, conditioning.
General and Review—Credit, 2 Hours. Three Weeks.

PHYSICS

- 211—Principles of Physics—This is an introductory course covering about half of the traditional divisions. Credit, 4 Hours.
- 231A—Photography—Engraving—This combined course will have as its aim to thoroughly acquaint the student with practices and theory of Photography, with emphasis placed on the following: Studio, Press and Commercial Photography; enlarging, coloring, copying and photofinishing. The emphasis placed on Engraving is as follows: Line and half-tone negative making, metal printing, etching, routing and mounting. Some attention is given to the theory of color process. Credit, 3-6 Hours.

SOCIOLOGY

- 211—Introduction to Sociology—A general survey of the field of Sociology, designed to introduce the fundamental methods, concepts, and problems of Sociology. Special emphasis is given to the origin, purpose, and development of group life. Credit, 3 Hours.
- 311—Modern Social Problems—A course dealing with the major problems resulting from group life in the United States. The major purpose of the course is to acquaint the student with the origin and development of social problems. Credit, 3 Hours.
- 321—Race Relations in the United States—A study of the basic processes operating in determining race relations in the United States. Major attention is given to the problems of conflict, accommodation, and adjustment which confront racial minorities in the United States. Credit, 3 Hours.
- 411—Rural Sociology—The facts and conditions of rural life are considered, showing how it has changed and how it contrasts with urban life. Emphasis is given to the means by which rural life in the United States might be improved. Credit, 3 Hours.