



Summer Session

1951

**THE AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS**

BULLETIN
OF THE
AGRICULTURAL AND MECHANICAL
COLLEGE OF TEXAS

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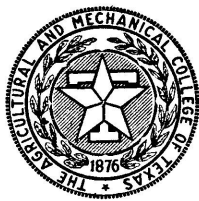
April 1, 1951

No. 4

THE SUMMER SESSION
JUNE 4 -- AUGUST 24, 1951

FIRST TERM—June 4 - July 14

SECOND TERM—July 16 - August 24



COLLEGE STATION, TEXAS

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COLLEGE CALENDAR

SUMMER SESSION OF 1951

June 4	Monday, 8 a.m. to 12 noon, registration for the first term.
June 5	Tuesday, 7 a.m., beginning of classes.
June 8	Friday, last day for enrolling in the College for the first term.
July 4	Wednesday, a holiday.
July 13-14	Friday, Saturday, first term final examinations.
July 16	Monday, 8 a.m. to 12 noon, registration for the second term.
July 17	Tuesday, 7 a.m., beginning of classes.
July 20	Friday, last day for enrolling in the College for the second term.
August 23-24	Thursday, Friday, second term final examinations.
August 25	Saturday, pre-registration for fall semester.

REGULAR SESSION OF 1951-52

First Semester

1951

September 7	Friday, opening day of New Student Week.
September 14	Friday, 8 a.m. to 5 p.m., registration for new students.
September 15	Saturday, 8 a.m. to 5 p.m., registration for old returning students.
September 17	Monday, 8 a.m., beginning of classes.
September 22	Saturday, last day for making changes in registration.
September 29	Saturday, last day for enrolling in the College for the fall semester.
November 12	Monday, mid-semester grade reports.
November 29- December 2	Inclusive, Thanksgiving recess.
December 19	Wednesday, 5 p.m., beginning of Christmas recess.
January 3, 1952	Thursday, 8 a.m., end of Christmas recess.
January 21-26	Inclusive, semester examinations.

Second Semester

1952

February 2	Saturday, registration for spring semester.
February 4	Monday, 8 a.m., beginning of classes.
February 9	Saturday, last day for making changes in registration.
February 16	Saturday, last day for enrolling in the College for the spring semester.
February 18-22	Religious Emphasis Week.
March 31	Monday, mid-semester grade reports.
April 10-14	Inclusive, spring recess.
May 22	Thursday, 5 p.m., end of classes for spring semester.
May 24-30	Inclusive, semester examinations.
May 30	Friday, Commencement.
May 31	Saturday, Final Review.

The Texas Agricultural & Mechanical College System

Composed of all colleges, agencies and services under the supervision of the Board of Directors of the Agricultural and Mechanical College of Texas, including:

The Agricultural and Mechanical College of Texas
The Arlington State College
The Tarleton State College
The Prairie View Agricultural and Mechanical College
The Texas Agricultural Experiment Station
The Texas Agricultural Extension Service
The Texas Forest Service
The Texas Engineering Experiment Station
The Texas Engineering Extension Service

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GENERAL INFORMATION

LOCATION

The Agricultural and Mechanical College of Texas is located at College Station, Brazos County, Texas, 100 miles north of Houston, 100 miles east of Austin, and 170 miles south of Dallas. It is served by the Southern Pacific and Missouri Pacific Railroads, with convenient connections to all parts of the State. A modern system of paved highways affords direct communication with the principal cities and towns of the State.

ADMISSION

Any person who wishes to enter the Agricultural and Mechanical College of Texas should write to the Registrar at College Station, Texas, for application blanks. The student should fill out the application sheet in his own handwriting, have his high school superintendent or principal fill out the entrance certificate, and return both forms to the Registrar's Office. Students who have attended other colleges or universities must submit official transcripts or official statements of standing in the last institution attended. If a student is to be in attendance in the summer session only, it is unnecessary for him to submit a formal application for admission but academic records will be needed.

The same general admission requirements apply in the summer session as in the regular session. It is of utmost importance that admission be cleared in advance of registration day so that the student may have a minimum delay in the registration procedure.

JUNCTION ADJUNCT

A high school student who is eligible for admission to college and who wishes to enter during the summer may well consider the opportunities of combining study and recreation at the Junction Adjunct of the Agricultural and Mechanical College of Texas. Excellent studying, living, and recreational facilities are available at this beautiful Kimble County campsite in the heart of the Texas hill country. The two six-week terms will be concurrent with those on the main campus. A student will normally be eligible to attend only one term. During this six-week term a student will be able to discover more fully his aptitudes and interests, and will be helped in relating these to the demands and opportunities of various college curricula. Results of aptitude, achievement, interest and personality tests will be used to help the student know much more about himself than is otherwise possible. Among the students who are especially urged to attend the Junction Adjunct are those whose high school average grade is under 80, and those who have not fully decided upon a course of study in college.

Students who are found to be prepared for regular college courses will be able to enroll in the first courses of English and mathematics. Students found to be not fully prepared to progress with regular college courses will be offered special help in the area of their weakness. Students found to be totally unprepared for college study will be given preparatory-level courses. Students having a weakness in reading may participate in a program of remedial reading. Regular faculty members of the Agricultural and Mechanical College of Texas will comprise the instructional staff. Additional information and application blanks may be obtained from the Registrar.

GRADUATE STUDY AND ADVANCED DEGREES

Students interested in taking graduate courses in the Summer Session should apply for admission to the Graduate School well in advance of the opening of the Summer Session. Forms and information for making application will be supplied upon request.

The large summer school enrollment of candidates for advanced degrees assures the offering of a wide variety of graduate courses. The student should determine in advance that the graduate courses he wants or which are required in his particular program are to be offered at the time he plans to enroll. If these are not scheduled in the Summer Session catalogue, he should contact the head of the department handling the course regarding the possibility of such courses being offered.

It is the purpose of the College to facilitate the offering of graduate courses in the Summer Sessions when the demand for them is known in advance and the staff and facilities can be made available.

EXPENSES

	First Term	Second Term
Matriculation Fee (Required)	\$17.50	\$17.50
Medical Service Fee (Required)	2.50	2.50
Student Activities Fee (Required)	2.40	2.40
Board	52.80	52.80
Room Rent	15.00	15.00
Laundry	4.50	4.50
Room Key Deposit, returnable	1.00	
Total.....	\$95.70	\$94.70

All members of the cadet corps living in the dormitories are required to pay the fees for board and laundry in addition to the fees for room rent. Students living in the dormitories who are not members of the cadet corps are required to pay the fees for room rent and laundry in addition to the other required fees.

Meals for other than members of the cadet corps will be served only at the cafeteria in Sbis Hall.

Nonresident students registering for four or more credit hours will pay a matriculation fee of \$50.00. Those registering for less than four credit hours will pay a fee of \$12.50 per credit hour. Resident students registering for four or more credit hours will pay a matriculation fee of \$17.50. Those registering for three hours will pay \$15.50; two—\$13.50; and one—\$11.50. The absentia registration fee is \$7.50.

Students registering for field courses given away from the campus will pay, in addition to the required matriculation fee, a special field course fee as follows: Geology 299, \$20.00; Geology 300, \$40.00; Range and Forestry 407, \$40.00; and Wildlife Management 300, \$40.00. Geology 399 will be given on the campus. Students registering for this course will pay the \$40.00 special field course fee and all other required fees.

Members of the ROTC will be furnished complete uniform equipment; however, students may find it desirable to supplement the uniform issued by purchasing the following articles, the approximate cost of which at the College Exchange Store is as follows: 2 pairs of khaki slacks, \$13.00; 2 cotton O.D. shirts, \$10.00; collar ornaments, \$1.00 to \$1.35.

The student is required to pay a handling charge of \$2.50 to cover the cost of issuing, receiving, and record keeping of the government uniforms issued. Since only approved articles of uniforms may be worn, students should purchase uniforms after arrival at the College.

HOUSING

Ample dormitory rooms are available to all graduate and undergraduate male students at a cost of \$15.00 for six weeks. Married couples without children may secure a suite of rooms and bath in the dormitories for \$30.00 for six weeks. All dormitory rooms are equipped with beds, mattresses, tables, and chairs. No cooking is allowed in dormitory rooms.

It is anticipated that all married students will be able to secure college operated furnished or unfurnished apartments. The price range is from \$24.00 to \$30.00 per month including utilities. Applications for these apartments should be made and assignments confirmed in advance of any move to the campus. If further information is needed, please contact the Chief of Housing.

RELIGIOUS ACTIVITIES

Religious Services: Religious services are held each Sunday morning and evening by student pastors assigned by their denominations to work with students of the College. This work includes Sunday School, young people's organizations, sermons, and ethical training. Every effort is made by means of lectures, conferences, and personal example to develop the moral character of the students of this institution.

Young Men's Christian Association: For the many services rendered to the students, the YMCA holds a coveted spot in the hearts of all students. It has a large lobby, a chapel for religious services, and four parlors used for the meeting of students, friends, and visitors. The YMCA has a program which will give all students an opportunity to participate in the religious and social activities of the College.

LIBRARY FACILITIES

College Library: The collection of this library numbers over 185,000 volumes, which include files of federal and state documents, and bound periodicals. The library receives over 2,500 periodicals and serials, principally in English and Spanish, but some in other languages as well. The bound files of the majority of the periodicals are kept for reference and research.

The careful selection of new books keeps the collection abreast of modern thought. With the exception of certain books designated for reference and other purposes and periodicals and documents, all books are loaned for home use for a period of two weeks with the privilege of renewal for the same length of time.

The library is open for the following hours: weekdays, 8 a. m. to 10 p. m.; Saturdays, 8 a. m. to 12:00 noon; Sundays, 6 to 10 p. m.

The Texas Engineers Library: This library is located on the ground floor of the Mechanical Engineering Shops Building. There are more than 15,000 volumes of books and periodicals in this library. The collection consists chiefly of engineering and technical materials.

The library hours are as follows: weekdays, 8 a. m. to 9 p. m.; Saturdays, 8 a. m. to 12 noon.

SPORTS AND RECREATION

Wholesome recreation is recognized as an important part of the summer session program, and every effort is put forth to provide an attractive program and to encourage students to take part. Intramural contests in appropriate sports are staged between student groups, and winners are awarded the official intramural medal.

Students are also encouraged to use available facilities for voluntary recreation. These include the P. L. Downs, Jr., Natatorium, tennis courts, handball courts, badminton courts, volleyball courts, basketball courts, horseshoe courts, softball diamonds, and an exercise room for use for boxing, wrestling, bag striking, and gymnastics. An eighteen-hole golf course on the college campus is also available to students.

SUMMER ENTERTAINMENT PROGRAM

Nightly entertainment is provided at The Grove in the form of movies, square dances, round dances, and skating parties. A musical comedy produced by local talent and several light concerts contribute to the summer entertainment program, which is financed through the required activity fee and is open to every student.

COLLEGE HEALTH SERVICE

The services of the College Medical Department become available to the student as soon as he has registered. The Department treats cases of acute illness as they appear and supervises the maintenance of healthful living conditions at the College. The Department provides medical care and advice at all times during the College sessions.

The College Hospital is a modern brick building, steam heated, and has 150 beds for patients. Students are given hospitalization, including room, board, general nursing service, doctor's service, and medicine. The X-ray department provides all necessary picture and fluoroscopic work, including that for teeth, chest, and bones. The clinical laboratory makes blood examinations, urine examinations, smears, and cultures. The physiotherapy department provides heat treatments by means of ultra-violet, diathermy, and infra-red lamps. Two doctors, twelve nurses, two technicians, and three student assistants compose the department staff.

Sanitary work is carried on throughout the entire year. The water of the College is supplied from artesian wells. Milk and other dairy products used by the student body are supplied by the College dairies, among the most scientific and modern in the State. The College laboratories make bacteriological checks of the milk and water supplies.

All College buildings are located on the crest of a wide divide with sufficient slope in every direction to insure proper drainage. The four units of dormitories are modern and comfortable and are located in spacious and beautifully landscaped areas on the campus. The dormitories, as well as the College swimming pool and other places frequented by the students, are inspected at regular intervals.

The College is particularly concerned with the maintenance of the health and physical development of its students. It provides one of the finest indoor swimming pools in the State, as well as tennis courts, athletic fields, and physical training and education.

VETERANS ADVISORY SERVICE

The A. and M. College of Texas has provided a full-time employee to serve as Veterans Advisor and assist ex-servicemen and their families with their problems. His office, which is located in Room 104 Goodwin Hall, is especially equipped to assist in the advisement on personal matters and with applications for "G. I. Bill" benefits, admission to the College, selection of courses, clearing insurance and service pay difficulties, and receiving disability pay. The Veterans Advisor and his staff are sincerely interested in every problem of the veteran and welcome his inquiries by correspondence or by personal office calls.

THE EXCHANGE STORE

The College operates an exchange store for the purpose of supplying necessary articles to students at the lowest possible cost. The store carries in stock textbooks, stationery, drawing instruments, toilet articles and other supplies. All merchandise is sold at the usual retail prices prevailing in the area. The exchange store supplies all books and supplies to veteran students, under the terms of the contract between the College and Veterans Administration.

MILITARY TRAINING

During the Summer Session of 1951, first year basic military training will be offered on the main campus of the A. and M. College of Texas. By enrolling and taking advantage of this opportunity, a student may advance by one semester his date of graduation and possible reserve commissioning. However, to obtain any credit for military training, a student will be required to remain in school for the entire summer session of twelve weeks.

SUPERVISION AND DISCIPLINE

The over-all supervision of student life and the administration of discipline is the responsibility of the Dean of Men. The rules of conduct, by which every student is expected to live while attending the A. and M. College, are contained in the BASIC POLICY.

STUDENT EMPLOYMENT

Those students who find it necessary to earn part of their expenses while carrying on their college work may find part-time employment through the Student Labor Office. In assigning a student to a part-time job, every effort is made to place him in work pertaining to his major field of study, or work which takes the least amount of time from his study schedule.

REPORTS

If a student is enrolled for only the first term of the Summer Session, a grade report will be mailed at the end of the first six weeks. The student who attends both terms will receive the grades of the two terms at the end of the twelve-weeks Summer Session.

REGISTRATION

Schedules and Procedures for Registering

WHEN AND WHERE TO REGISTER

For all students except those freshmen beginning their college training, registration will be conducted in Sbisa Hall and registration cards will be issued there according to the following schedule:

First Term: Monday, June 4, 1951 8:00 a.m. to 12:00 noon

8:00 to 9:00—All whose surnames begin with L, M, N, O, P, Q, R.

9:00 to 10:00—All whose surnames begin with E, F, G, H, I, J, K.

10:00 to 11:00—All whose surnames begin with A, B, C, D.

11:00 to 12:00—All whose surnames begin with S, T, U, V, W, X, Y, Z.

Second Term: Monday, July 16, 1951 8:00 a.m. to 12:00 noon

8:00 to 9:00—All whose surnames begin with E, F, G, H, I, J, K.

9:00 to 10:00—All whose surnames begin with A, B, C, D.

10:00 to 11:00—All whose surnames begin with S, T, U, V, W, X, Y, Z.

11:00 to 12:00—All whose surnames begin with L, M, N, O, P, Q, R.

DIRECTIONS FOR REGISTERING

Directions to be followed when registering for either or both terms:

1. Secure assignment card at Sbisa Hall according to the alphabetical schedule above.
2. Pay all fees at the Cashier's Desk (Sbisa Hall).
3. Report to the heads of departments, or their representatives, for approval of the courses to be taken. They will be located on the main floor of Sbisa Hall.
4. Report to your dean for approval of schedule (Sbisa Hall- Annex).
5. Report to the Chief of Housing (Sbisa Hall) and have fee receipt stamped.
6. Veterans secure approval of book requisitions (Sbisa Hall-Annex).
7. Turn in assignment card at the Registrar's Desk (Sbisa-Hall-Annex).

NOTES:

1. Old returning students and new students must report to the Registrar's Office (Administration Building) if permission to register has not been secured in advance of registration day.
2. Students, other than new enrollees, who have not completed their registration and returned their assignment cards to the Registrar's Office by 5:00 p.m. of registration day will pay an additional matriculation fee of \$2.00 for late registration. Registration is not complete until the student has returned his assignment card, properly approved, to the Registrar and his receipt has been stamped "Registered in the Registrar's Office."

3. Juniors and seniors in the Schools of Arts and Sciences and Agriculture must have their assignment cards initialed by the heads of their major departments before the cards are presented to their deans for approval.
4. All students in the Schools of Agriculture and Engineering who have attained junior standing or above must have their approved degree plans when presenting their assignment cards to their deans for approval.
5. Any course may be withdrawn from the Summer Session schedule in case the number of registrations is too small to justify offering the course. Any freshman or sophomore class or section with an enrollment of less than fifteen students, and any junior or senior class or section with an enrollment of less than ten students, may be dropped unless specifically authorized to be continued by action of the Executive Committee.
6. Students registering for less than four credit hours will report to the Registrar's desk in Sbisa Hall for a statement of expenses before beginning registration. In case of overcharge or undercharge, proper adjustment will be made after registration.
7. Friday, June 8, will be the last date on which changes in registration for the first term of the 1951 Summer School can be made without penalty. Likewise, Friday, July 20, will be the last date for changes in the second term. Subjects dropped after these dates will show grades of F as the final grades.

REGISTRATION FOR ENTERING FRESHMEN

Tuesday Afternoon, June 5, 1951

For students beginning their college training, the entire registration will be in the Registrar's Office (Administration Building). Students transferring from other colleges will register in Sbisa Hall Monday morning, June 4.

REQUIREMENTS IN AMERICAN GOVERNMENT

In order to meet the legal requirement for a degree from the College, all students must have credit for History 306 or its equivalent and credit for three semester hours of military training. For those students who do not take military training, six hours in government must be completed. Such students should complete History 307, plus one elective hour.

In satisfying the requirements for a teacher's certificate, six hours of American government must be completed. Credit for basic military training can not be used in satisfying this requirement.

EXCESS WORK

The normal amount of work a student may carry in a six weeks term is six semester hours (or seven if part is practice).

The privilege of carrying one hour above the normal load in a summer term is granted a student who earned 27 or more grade points in his preceding semester.

OFFICIAL CURRICULA FOR FIRST AND SECOND TERM FRESHMAN COURSES, SUMMER SESSION, 1951

AGRICULTURE

FIRST TERM (Sections 101, 102, 108, 109)		SECOND TERM (Sections 101, 102, 108, 109)		FIRST TERM (Sections 103, 104)		SECOND TERM (Sections 103, 104)	
Basic 101	R	Basic 101	1	Basic 101	R	Basic 101	1
Biol 101	4	Biol 107	3	Biol 107	3	Biol 101	4
Engl 103	3	Engl 104	3	Engl 103	3	Engl 104	3
M.S. 122	R	M.S. 122	1	M.S. 122	R	M.S. 122	1
7		8		6		9	
(Sections 105, 106, 107)		(Sections 105, 106, 107)					
A.S. 142	R	A.S. 142	1				
Basic 101	R	Basic 101	1				
Biol 107	3	Biol 101	4				
Engl 103	3	Engl 104	3				
6		9					

BUSINESS ADMINISTRATION

(Sections 125, 127)		(Sections 125, 127)		(Section 126)		(Section 126)	
Basic 101	R	Basic 101	1	A.S. 142	R	A.S. 142	1
B.A. 101	4	B.A. 102	4	Basic 101	R	Basic 101	1
Engl 103	3	Engl 104	3	B.A. 101	4	B.A. 102	4
M.S. 122	R	M.S. 122	1	Engl 103	3	Engl 104	3
7		9		7		9	

LIBERAL ARTS

(Sections 131, 133)		(Sections 131, 133)		(Section 132)		(Section 132)	
Basic 101	R	Basic 101	1	A.S. 142	R	A.S. 142	1
Engl 103	3	Engl 104	3	Basic 101	R	Basic 101	1
Hist 105	3	Hist 106	3	Engl 103	3	Engl 104	3
M.S. 122	R	M.S. 122	1	Hist 105	3	Hist 106	3
6		8		6		8	

ENGINEERING

(Sections 161, 162)		Sections 161, 162)		(Sections 163, 164)		(Sections 163, 164)	
A.S. 142	R	A.S. 142	1	Basic 101	R	Basic 101	1
Basic 101	R	Basic 101	1	Chem 101	4	Chem 102	4
Chem 101	4	Chem 102	4	Math 102	3	Math 103	3
Math 102	3	Math 103	3	M.S. 122	R	M.S. 122	1
7		8		7		9	
(Sections 171, 173, 175)		(Sections 171, 173, 175)		(Sections 172, 174)		(Sections 172, 174)	
Basic 101	R	Basic 101	R	A.S. 142	R	A.S. 142	1
Math 103	3	Math 101	3	Basic 101	R	Basic 101	1
M.E. 101	2	M.E. 102	2	Math 103	3	Math 101	3
M.S. 122	R	M.S. 122	1	M.E. 101	2	M.E. 102	2
5		7		5		7	
(Sections 181, 182, 185)		(Sections 181, 182, 185)		(Sections 183, 184, 186)		(Sections 183, 184, 186)	
Basic 101	R	Basic 101	1	A.S. 142	R	A.S. 142	1
Math 103	3	Math 102	3	Basic 101	R	Basic 101	1
M.E. 101	2	M.E. 102	2	Math 103	3	Math 102	3
M.S. 122	R	M.S. 122	1	M.E. 101	2	M.E. 102	2
5		7		5		7	

PRE-VETERINARY MEDICINE

FIRST TERM (Section 195)		SECOND TERM (Section 195)	
Basic 101	R	Basic 101	1
Chem 101	4	Chem 102	4
Engl 103	3	Engl 104	3
M.S. 122	R	M.S. 122	1
	<hr/>		<hr/>
	7		9

Section Theory Practice
AERONAUTICAL ENGINEERING (Aero.)
 E. E. BRUSH, Head of Dept.
 Office: Aero. Eng. Bldg.

FIRST TERM

Course 402a—Aircraft Design. (3-9) 2
 1 MWF11-12 TTh1-5:30
 Course 405—Aircraft Structures. (9-0) 3
 1 MTWThF9-10:30
 Course 406—Aircraft Engine Testing.
 (6-9) 3
 1 MTWThF7-8 MW2-5

SECOND TERM

Course 201—Elementary Aerodynamics.
 (9-9) 4
 1 MTWThF7-8:30 MW2-5
 Course 303—High Speed Aerodynamics.
 (9-0) 3
 1 MTWThF9-10:30
 Course 402b—Aircraft Design. (3-9) 2
 1 MWF11-12 TTh1-5:30

AGRICULTURAL ECONOMICS AND SOCIOLOGY

L. P. GABBARD, Head of Dept.
 Office: Room 401, Agricultural Bldg.

AGRICULTURAL ECONOMICS (Ag.Ec.)
 J. W. BARGER, Room 401, Agr. Bldg.

FIRST TERM

Course 324—Agricultural Prices. (9-0) 3
 1 MTWThF9-10:30
 Course 421—Principles of Farm and Ranch Management. (6-6) 3
 1 MTWThF11-12 MW2-5
 Course 429—Public Policies Affecting Agriculture. (9-0) 3
 1 MTWThF9-10:30
 Course 620—Problems in Agricultural Finance. (12-0) 4
 1 Hours to be arranged.
 Course 623—Seminar in Agricultural Marketing. (6-0) 2
 1 MTWThF7-8
 Course 631—Special Problems in Agricultural Economics. Credit 1 to 4.
 1 Hours to be arranged.
 Course 641—Agricultural Statistics.
 (9-9) 4
 1 Hours to be arranged.
 Course 671—Research and Thesis.
 Credit 1 to 8.
 1 Hours to be arranged.

SECOND TERM

Course 314—Marketing Farm Products.
 (9-0) 3
 1 MTWThF7-8:30

Section Theory Practice
Course 602—Agricultural Marketing Problems. (12-0) 4
 1 MTWThF9-11
Course 624—Seminar in Farm Management. (6-0) 2
 1 MTWThF11-12
Course 631—Special Problems in Agricultural Economics. Credit 1 to 4.
 1 Hours to be arranged.
Course 645—Government and Agriculture.
 (9-0) 3
 1 (3 weeks: July 16-August 3)
 Hours to be arranged.
Course 671—Research and Thesis.
 Credit 1 to 8.
 1 Hours to be arranged.

RURAL SOCIOLOGY (R.S.)

DANIEL RUSSELL, Room 401, Agr. Bldg.

FIRST TERM

Course 205—Principles of Sociology.
 (9-0) 3
 1 MTWThF7-8:30
 Course 314—Social Problems. (9-0) 3
 1 MTWThF9-10:30
 Course 407—Rural Life Problems.
 (9-0) 3
 1 MTWThF11-12:30
 Course 601—Rural Social Problem Analysis. (12-0) 4
 1 MTWThF9-11

SECOND TERM

Course 407—Rural Life Problems. (9-0) 3
 1 MTWThF7-8:30
 Course 618—Educational Sociology.
 (9-0) 3
 1 MTWThF9-10:30

AGRICULTURAL EDUCATION (Ag.Ed.)

E. R. ALEXANDER, Head of Dept.
 Office: Room 107, Ag.En. Bldg.

FIRST TERM

Course 425—Course Building. (6-0) 2
 1 MTWThF9-10
 Course 427—Methods of Developing Farming Programs. (6-0) 2
 1 MTWThF11-12
 Course 441—Agricultural Extension Organization and Methods. (9-6) 4
 1 MTWThF7-8:30 TTh2-5
 Course 601—Advanced Methods in Agricultural Education. (9-0) 3
 1 MTWThF7-8:30
 Course 605—Supervised Farming. (9-0) 3
 1 MTWThF9-10:30
 Course 613—Administration and Supervision of Agricultural Education.
 (9-0) 3
 1 MTWThF11-12:30

Section	Theory	Practice
Course 615—Philosophy of Agricultural Education. (9-0) 3		
1	MTWThF9-10:30	—
Course 619—Workshop Course. Credit 3. (3 weeks: June 4-June 22)		
1	Hours to be arranged.	
Course 620—Workshop Course. Credit 3. (3 weeks: June 25-July 13)		
1	Hours to be arranged.	
Course 625—Studies and Investigations. Credit 2 to 4.		
1	Hours to be arranged.	

SECOND TERM

Course 610—Adult Education in Agriculture. (9-0) 3		
(3 weeks: July 16-August 3)		
1	Hours to be arranged.	
Course 616—Program Building in Agricultural Education. (9-0) 3		
(3 weeks: August 6-August 24)		
1	Hours to be arranged.	
Course 625—Studies and Investigations. Credit 2 to 4.		
1	Hours to be arranged.	

AGRICULTURAL ENGINEERING (Ag.En.)

F. R. JONES, Head of Dept.
Office: Room 215, Ag.En. Bldg.

FIRST TERM

Course 440—Farm Electrification. (9-0) 3		
(3 weeks: June 25-July 13)		
1	Hours to be arranged.	
Course 613—Soil and Water Conservation Engineering. (9-9) 4		
1	MTWThF7-8:30	MWF2-5
Course 617—Soil and Water Conservation Engineering. (9-9) 4		
1	MTWThF9-10:30	TTh1-5:30

SECOND TERM

Course 425—Seminar. (3-0) 1		
1	MWF11-12	
Course 610—Farm Power. (6-18) 4		
1	MTWThF9-10	MTWTh1-5F1-3

AGRONOMY (Agr.)

J. E. ADAMS, Head of Dept.
Office: Room 310, New Agr. Exp. Sta. Bldg.

FIRST TERM

Course 308—Forage Crops. (6-6) 3		
1	MTWThF11-12	TTh2-5
Course 418—Soil Conservation. (9-9) 4		
1	MTWThF7-8:30	MWF2-5
Course 422—Soil Fertility. (9-12) 4		
1	MTWThF9-10:30	MWF1-5

SECOND TERM

Course 301—Introductory Soils. (9-6) 4		
1	MTWThF9-10:30	MWF1-3
2	MTWThF9-10:30	TTh2-5

AIR SCIENCE (A.S.)

COL. E. W. NAPIER, Head of Dept.
Office: Room 26, Ross Hall

FIRST TERM

Course 142—First Year Basic Air Science. (3-3)		
105	TTaS11-11:50	W4-5F3-5

Section	Theory	Practice
106	TThS11-11:50	W4-5F3-5
107	MWF11-11:50	W4-5F3-5
126	TTh1-2:15	T4-5F3-5
132	MWF7-7:50	M4-5F3-5
161	TTh1-2:15	T4-5F3-5
162	MWF11-11:50	T4-5F3-5
172	MWF9-9:50	M4-5F3-5
174	TThS10-10:50	M4-5F3-5
183	TThS7-7:50	W4-5F3-5
184	TThS8-8:50	W4-5F3-5
186	MWF11-11:50	W4-5F3-5

SECOND TERM

Course 142—First Year Basic Air Science. (Cont.) (3-3)		
105	TThS11-11:50	W4-5F3-5
106	MWF11-11:50	M4-5F3-5
107	TThS11-11:50	W4-5F3-5
126	TTh1-2:15	T4-5F3-5
132	MWF7-7:50	W4-5F3-5
161	TTh1-2:15	T4-5F3-5
162	TThS11-11:50	T4-5F3-5
172	TThS8-8:50	M4-5F3-5
174	MWF11-11:50	M4-5F3-5
183	MWF7-7:50	T4-5F3-5
184	TThS7-7:50	M4-5F3-5
186	MWF11-11:50	W4-5F3-5

ANIMAL HUSBANDRY (A.H.)

J. C. MILLER, Head of Dept.
Office: Room 221, Animal Ind. Bldg.

FIRST TERM

Course 303—Animal Nutrition. (9-0) 3		
1	MTWThF7-8:30	—
Course 307—Meats. (6-9) 3		
1	MTWThF9-10	MW1-5:30
2	MTWThF9-10	TTh1-5:30
Course 406—Beef Cattle Production. (6-6) 3		
1	MTWThF11-12	TTh2-5
Course 436—Advanced Livestock Management. Credit 3. (3 weeks: June 4-June 22)		
1	Hours to be arranged.	
Course 605—Advancements in Beef Cattle Production. (9-0) 3		
1	MTWThF7-8:30	

SECOND TERM

Course 307—Meats. (6-9) 3		
1	MTWThF9-10	MW1-5:30
2	MTWThF9-10	TTh1-5:30
Course 412—Swine Production. (6-6) 3		
1	MTWThF7-8	TTh2-5
Course 416—Livestock Management. (6-6) 3		
1	MTWThF11-12	WF2-5
Course 621—Advancements in Swine Production. (9-0) 3		
1	MTWThF9-10:30	

ARCHITECTURE (Arch.)

ERNEST LANGFORD, Head of Dept.
Office: Room 400, Academic Bldg.

FIRST TERM

Course 401a—Architecture IV. (0-27) 3		
1	MTWThF7-11M1-5W2-5	
Course 402a—Architecture IV. (0-27) 3		
1	MTWThF7-11M1-5W2-5	
Course 427—Construction II. (6-6) 3		
1	MTWThF11-12	TTh2-5
Course 501a—Architecture V. (0-27) 3		
1	MTWThF7-11M1-5W2-5	

Section	Theory	Practice
Course 502a—Architecture V.	(0-27)	3
1	MTWThF7-11M1-5W2-5	
SECOND TERM		
Course 401b—Architecture IV.	(0-27)	3
1	MTWThF7-11M1-5W2-5	
Course 402b—Architecture IV.	(0-27)	3
1	MTWThF7-11M1-5W2-5	
Course 501b—Architecture V.	(0-36)	4
1	MTWThF7-11MTWTh1-5	
Course 502b—Architecture V.	(0-36)	4
1	MTWThF7-11MTWTh1-5	

BASIC DIVISION (Basic)

J. R. BERTRAND, in Charge
Office: AggieLand Inn Building

FIRST TERM

Course 101—Orientation.	(0-3)	
101	T3-5F11-11:50	
102	T11-11:50Th3-5	
103	M9-9:50T3-5	
104	M9-9:50Th3-5	
105	Th3-5F11-11:50	
106	T3-5F11-11:50	
107	T11-11:50Th3-5	
108	W11-11:50F1-3	
109	W11-11:50F1-3	
125	T11-11:50F1-3	
126	Th11-11:50F1-3	
127	W11-11:50F1-3	
131	T11-11:50F1-3	
132	T3-5W8-8:50	
133	W8-8:50Th3-5	
161	Th11-11:50F1-3	
162	T11-11:50F1-3	
163	Th11-11:50F1-3	
164	W11-11:50F1-3	
171	M9-9:50Th3-5	
172	T3-5Th11-11:50	
173	T3-5Th11-11:50	
174	M9-9:50T3-5	
175	M9-9:50Th3-5	
181	T3-5F11-11:50	
182	W8-8:50Th3-5	
183	T3-5W8-8:50	
184	T3-5W8-8:50	
185	Th3-5F11-11:50	
186	W8-8:50F1-3	
195	W11-11:50F1-3	
Course 102—Remedial Reading.	(0-6)	1
1	Daily7-8:15	
2	Daily9-10:15	

SECOND TERM

Course 101—Orientation. (Cont'd.)	(0-3)	
101	M10-10:50T3-5	
102	M10-10:50Th3-5	
103	W11-11:50F1-3	
104	W11-11:50F1-3	
105	T3-5F11-11:50	
106	T11-11:50Th3-5	
107	T3-5F11-11:50	
108	Th3-5F11-11:50	
109	T3-5Th11-11:50	
125	Th11-11:50F1-3	
126	T11-11:50F1-3	
127	W11-11:50F1-3	
131	T11-11:50Th3-5	
132	T3-5W8-8:50	
133	W8-8:50Th3-5	
161	Th11-11:50F1-3	
162	Th3-5F11-11:50	
163	T11-11:50Th3-5	
164	W11-11:50F1-3	
171	T3-5Th11-11:50	
172	T11-11:50Th3-5	

Section	Theory	Practice
173	—	T3-5Th11-11:50
174	—	W8-8:50F1-3
175	—	W8-8:50F1-3
181	—	Th3-5F11-11:50
182	—	M10-10:50T3-5
183	—	M10-10:50Th3-5
184	—	M10-10:50T3-5
185	—	W8-8:50Th3-5
186	—	T3-5W8-8:50
195	—	W11-11:50F1-3

BIOCHEMISTRY AND NUTRITION (B.N.)

C. M. LYMAN, Head of Dept.
Office: Room 213, Animal Ind. Bldg.

FIRST TERM

Course 622—Advanced Biochemical Problems. Credit 1 to 3.
1 Hours to be arranged.

Course 675—Research in Biochemistry and Nutrition. Credit 1 to 8.
1 Hours to be arranged.

SECOND TERM

Course 622—Advanced Biochemical Problems. Credit 1 to 3.
1 Hours to be arranged.

Course 675—Research in Biochemistry and Nutrition. Credit 1 to 8.
1 Hours to be arranged.

BIOLOGY (Biol.)

C. C. DOAK, Head of Dept.
Office: Room 110, Biol. Sci. Bldg.

FIRST TERM

Course 101—General Botany of Seed Plants. (9-12) 4

1	Daily7-8:15	MTWTh1-4
101	Daily9-10:15	Daily7-8:50
102	Daily9-10:15	Daily7-8:50
108	Daily7-8:15	MTWTh1-4
109	Daily7-8:15	MTWTh1-4

Course 107—Vertebrate Zoology. (6-12) 3

103	Daily11-11:50	Daily7-8:50
104	Daily11-11:50	Daily7-8:50
105	MTWThF1-2	Daily9-10:50
106	MTWThF1-2	Daily9-10:50
107	MTWThF1-2	Daily9-10:50

Course 206—Introductory Bacteriology. (6-12) 3

1 MTWThF9-10 MTWTh2-5

Course 349—Field Taxonomy. (6-12) 3

1 Hours to be arranged.

Course 419—Seminar in Zoology. (3-0) 1

1 MWF11-12

Course 424—The Biology of the Endocrine Glands. (9-6) 4

1 MTWThF9-10:30 TTh2-5

Course 447—Problems in Zoology. Credit 1 to 4.

1 Hours to be arranged.

Course 619—Advanced Systematic Botany. (6-18) 4

1 MTWThF7-8 MTWTh1-5F1-3

Course 623—Plant Morphology. (6-18) 4

1 MTWThF11-12 MTWTh1-5F1-3

Course 639—Research in Bacteriology. Credit 1 to 4.

1 Hours to be arranged.

Course 641—Research in Botany. Credit 1 to 4.

1 Hours to be arranged.

Course 643—Research in Zoology. Credit 1 to 4.

1 Hours to be arranged.

Section	Theory	Practice
SECOND TERM		
Course 101—General Botany of Seed Plants. (9-12) 4		
103	Daily7-8:15	MTWTh1-4
104	Daily7-8:15	MTWTh1-4
105	Daily9-10:15	Daily7-8:50
106	Daily9-10:15	Daily7-8:50
107	Daily9-10:15	Daily7-8:50
Course 107—Vertebrate Zoology. (6-12) 3		
1	Daily11-11:50	Daily9-10:50
101	Daily11-11:50	Daily7-8:50
102	Daily11-11:50	Daily7-8:50
108	MTWThF1-2	Daily9-10:50
109	MTWThF1-2	Daily9-10:50
Course 206—Introductory Bacteriology. (6-12) 3		
1	MTWThF9-10	MTWTh2-5
Course 420—Seminar in Zoology. (3-0) 1		
1	MWF11-12	—
Course 641—Research in Botany. Credit 1 to 4.		
1	Hours to be arranged.	
Course 643—Research in Zoology. Credit 1 to 4.		
1	Hours to be arranged.	

BUSINESS ADMINISTRATION (B.A.)
 T. W. LELAND, Head of Dept.
 Office: Room 256, B.A. Bldg.

FIRST TERM		
Course 101—Principles of Accounting. (9-9) 4		
1	Daily9-10:15	TTh1-5:30
125	Daily7-8:15	MW1-5:30
126	Daily7-8:15	MW1-5:30
127	Daily9-10:15	TTh1-5:30
Course 102—Principles of Accounting. (9-9) 4		
1	Daily9-10:15	TTh1-5:30
Course 201—Intermediate Accounting. (9-9) 4		
1	MTWThF9-10:30	TThF2-5
Course 205—Marketing. (9-0) 3		
1	MTWThF7-8:30	—
Course 206—Purchasing and Control of Materials. (9-0) 3		
1	MTWThF9-10:30	—
Course 301—Advanced Accounting. (9-9) 4		
1	MTWThF11-12:30	MWF2-5
Course 303—Statistical Method. (9-9) 4		
1	MTWThF7-8:30	TWTh2-5
Course 305—Business Law. (9-0) 3		
1	MTWThF7-8:30	—
Course 306—Business Law. (9-0) 3		
1	MTWThF7-8:30	—
Course 316—Office Management. (9-0) 3		
1	MTWThF11-12:30	—
Course 409—Survey of Accounting Principles. (9-0) 3		
1	MTWThF11-12:30	—
Course 422—Personnel Problems of Industry. (9-0) 3		
1	MTWThF9-10:30	—
Course 423—Real Estate Titles and Conveyances. (9-0) 3		
1	MTWThF9-10:30	—
Course 430—Cost Accounting Survey. (9-0) 3		
1	MTWThF7-8:30	—
Course 605—Accounting Problems. (6-9) 3		
1	MTWThF7-8	MWF2-5
Course 616—Governmental and Institutional Accounting. (6-6) 3		
1	MTWThF11-12	TTh2-5

Section	Theory	Practice
Course 619—Legal Principles Relating to Accounting. (9-0) 3		
1	MTWThF9-10:30	—
Course 620—Law and Business. (9-0) 3		
1	MTWThF7-8:30	—

SECOND TERM		
Course 102—Principles of Accounting. (9-9) 4		
125	Daily7-8:15	MW1-5:30
126	Daily7-8:15	MW1-5:30
127	Daily9-10:15	TTh1-5:30
Course 202—Intermediate Accounting. (9-9) 4		
1	MTWThF9-10:30	TThF2-5
Course 208—Advertising. (9-0) 3		
1	MTWThF7-8:30	—
Course 303—Statistical Method. (9-9) 4		
1	MTWThF11-12:30	MTTh2-5
Course 304—Business Cycles and Business Measurements. (9-0) 3		
1	MTWThF11-12:30	—
Course 305—Business Law. (9-0) 3		
1	MTWThF11-12:30	—
Course 306—Business Law. (9-0) 3		
1	MTWThF9-10:30	—
Course 407—Auditing. (9-9) 4		
1	MTWThF7-8:30	Hrs. to be arranged
Course 418—Corporation Finance. (9-0) 3		
1	MTWThF7-8:30	—
Course 420—Principles of Investment. (9-0) 3		
1	MTWThF9-10:30	—
Course 425—Merchandising. (9-0) 3		
1	MTWThF9-10:30	—
Course 604—Statistics. (9-6) 4		
1	MTWThF9-10:30	WF2-5
Course 606—Accounting Problems. (6-9) 3		
1	MTWThF11-12	MWF2-5
Course 611—Research and Thesis. Credit 2 to 6.		
1	Hours to be arranged.	
Course 630—Problems of Corporation Finance. (9-0) 3		
1	MTWThF7-8:30	—

CHEMICAL ENGINEERING (Ch.E.)
 J. D. LINDSAY, Head of Dept.
 Office: Room 308, Pet.E. Bldg.

FIRST TERM		
Course 304—Unit Operations. (9-0) 3		
1	MTWThF7-8:30	—
Course 314—Unit Operations Laboratory. (0-9) 1		
1	—	MWF2-5
Course 423—Unit Operations. (9-0) 3		
1	MTWThF9-10:30	—

SECOND TERM		
Course 426—Plant Design. (6-18) 4		
1	MTWThF9-10	MTWTh1-5F1-3

CHEMISTRY (Chem.)
 F. W. JENSEN, Head of Dept.
 Office: Room 116, Chemistry Bldg.

FIRST TERM		
Course 101—General Chemistry. (9-9) 4		
1	Daily7-7:50	—
	and TThSS-8:50	TTh1-5:30
161	Daily7-7:50	—
	and MWF8-8:50	MW1-5:30
162	Daily7-7:50	—
	and MWF8-8:50	MW1-5:30

Section	Theory	Practice	Section	Theory	Practice
163	Daily7-7:50 and MWF8-8:50	MW1-5:30	Course 613—Research. Credit 1 to 4.		
164	Daily7-7:50 and TThS8-8:50	TTh1-5:30	1 Hours to be arranged.		
195	Daily7-7:50 and TThS8-8:50	TTh1-5:30	Course 621—Chemical Kinetics. (12-0) 4		
Course 102—General Chemistry. (9-9) 4			1 MTWThF9-11		
1 Daily9-9:50 and MWF10-10:50		MW1-5:30	Course 622—Special Problems in Chemistry. Credit 1 to 6.		
2 Daily9-9:50 and TThS10-10:50		TTh1-5:30	1 Hours to be arranged.		
Course 205—Qualitative Analysis. (9-9) 4			Course 630—The Metallic Elements. (12-0) 4		
1 MTWThF9-10:30		WF1-5:30	1 MTWThF7-9		
Course 206a—Organic Chemistry. (9-0) 3					
1 MTWThF9-10:30					
2 MTWThF11-12:30					
Course 207—Elementary Quantitative Analysis. (6-9) 3					
1 MTWThF7-8		TTh1-5:30			
Course 218—Quantitative Analysis. (6-18) 4					
1 MTWThF9-10		MTWTh1-5:30			
Course 223—Elementary Quantitative Analysis. (6-9) 3					
1 MTWThF11-12		MW1-5:30			
2 MTWThF11-12		TTh1-5:30			
Course 301—Organic Chemistry. (9-12) 4					
1 MTWThF7-8:30		MWF1-5			
Course 323—Physical Chemistry. (9-9) 4					
1 MTWThF11-12:30		TTh1-5:30			
Course 609—Theory of Organic Chemistry. (12-0) 4					
1 MTWThF9-11					
Course 612—Principles of Physical Chemistry. (12-0) 4					
1 MTWThF7-9					
Course 613—Research. Credit 1 to 4.					
1 Hours to be arranged.					
Course 622—Special Problems in Chemistry. Credit 1 to 6.					
1 Hours to be arranged.					
SECOND TERM					
Course 101—General Chemistry. (9-9) 4					
1 Daily9-9:50 and TThS10-10:50		TTh1-5:30			
Course 102—General Chemistry. (9-9) 4					
1 Daily9-9:50 and TThS10-10:50		TTh1-5:30			
161 Daily9-9:50 and MWF10-10:50		MW1-5:30			
162 Daily9-9:50 and MWF10-10:50		MW1-5:30			
163 Daily9-9:50 and MWF10-10:50		MW1-5:30			
164 Daily9-9:50 and TThS10-10:50		TTh1-5:30			
195 Daily9-9:50 and TThS10-10:50		TTh1-5:30			
Course 206a—Organic Chemistry. (9-0) 3					
1 MTWThF7-8:30					
2 MTWThF11-12:30					
Course 207—Elementary Quantitative Analysis. (6-9) 3					
1 MTWThF9-10		MW1-5:30			
Course 216—Quantitative Analysis. (6-18) 4					
1 MTWThF11-12		MTWTh1-5:30			
Course 223—Elementary Quantitative Analysis. (6-9) 3					
1 MTWThF7-8		WF1-5:30			
2 MTWThF7-8		TTh1-5:30			
Course 302—Organic Chemistry. (9-12) 4					
1 MTWThF9-10:30		MWF1-5			
Course 324—Physical Chemistry. (9-9) 4					
1 MTWThF7-8:30		TTh1-5:30			
Course 344—Physical Chemistry. (9-0) 3					
1 MTWThF11-12:30					
			Course 613—Research. Credit 1 to 4.		
			1 Hours to be arranged.		
			Course 621—Chemical Kinetics. (12-0) 4		
			1 MTWThF9-11		
			Course 622—Special Problems in Chemistry. Credit 1 to 6.		
			1 Hours to be arranged.		
			Course 630—The Metallic Elements. (12-0) 4		
			1 MTWThF7-9		
			CIVIL ENGINEERING (C.E.)		
			S. R. WRIGHT, Head of Dept.		
			Office: Room 14, Nagle Hall		
			FIRST TERM		
			Course 300s—Summer Surveying Practice. Credit 4.		
			Junction, Texas, Field Camp		
			1 Hours to be arranged.		
			Course 305—Mechanics of Materials. (12-0) 4		
			1 MTWThF7-9		
			Course 315—Strength of Materials Laboratory. (9-6) 1		
			1 MWF1-3		
			Course 344—Plain and Reinforced Concrete. (6-9) 3		
			1 MTWThF11-12		TTh1-5:30
			Course 345—Analysis of Simple Structures. (9-9) 4		
			1 MTWThF9-10:30		TTh1-5:30
			Course 443—Materials of Construction. (3-9) 2		
			1 MWF1-2		MWF2-5
			Course 458—Hydraulic Engineering. (9-0) 3		
			1 MTWThF7-8:30		
			Course 467—Bridge Design. (6-9) 3		
			1 MTWThF11-12		MW1-5:30
			Course 478—Construction Plant and Methods. (9-0) 3		
			1 MTWThF9-10:30		
			SECOND TERM		
			Course 300s—Summer Surveying Practice. Credit 4.		
			Junction, Texas, Field Camp		
			1 Hours to be arranged.		
			Course 305—Mechanics of Materials. (12-0) 4		
			1 MTWThF7-9		
			Course 346—Design of Members and Connections. (6-9) 3		
			1 MTWThF11-12		MWF2-5
			Course 408—Municipal Administration. (9-0) 3		
			1 MTWThF7-8:30		
			Course 448—Engineering Economy. (9-0) 3		
			1 MTWThF9-10:30		
			Course 465—Soil Mechanics and Foundations. (6-6) 3		
			1 MTWThF9-10		TTh2-5
			DAIRY HUSBANDRY (D.H.)		
			I. W. RUPEL, Head of Dept.		
			Office: Room 213, Agr. Bldg.		
			FIRST TERM		
			Course 202—Dairying. (6-6) 3		
			1 MTWThF7-8		TTh2-5
			Course 423—Problems in Dairy Production. Credit 3.		
			(3 weeks: June 25-July 13)		
			1 Hours to be arranged.		

Section	Theory	Practice
Course 451—Special Problems. Credit 1 to 4.	1 Hours to be arranged.	
Course 605—Topics in Dairy Production. Credit 1 to 4.	1 Hours to be arranged.	
Course 607—Topics in Dairy Manufacture. Credit 1 to 4.	1 Hours to be arranged.	

SECOND TERM

Course 452—Special Problems. Credit 1 to 4.	1 Hours to be arranged.	
Course 605—Topics in Dairy Production. Credit 1 to 4.	1 Hours to be arranged.	
Course 607—Topics in Dairy Manufacture. Credit 1 to 4.	1 Hours to be arranged.	

ECONOMICS (Econ.)

W. H. DELAPLANE, Head of Dept.
Office: Room 309, Academic Bldg.

FIRST TERM

Course 203—Principles of Economics. (9-0) 3	1 MTWThF7-8:30	—
Course 311—Money and Banking. (9-0) 3	1 MTWThF9-10:30	—
Course 318—Labor Problems. (9-0) 3	1 MTWThF11-12:30	—
Course 403—Principles of Economics. (9-0) 3	1 MTWThF7-8:30	—
	2 MTWThF9-10:30	—
Course 601—Development of Economic Doctrines. (12-0) 4	1 MTWThF9-11	—

SECOND TERM

Course 204—Principles of Economics. (9-0) 3	1 MTWThF9-10:30	—
Course 311—Money and Banking. (9-0) 3	1 MTWThF11-12:30	—
Course 319—Economic Development of the United States. (9-0) 3	1 MTWThF7-8:30	—
Course 403—Principles of Economics. (9-0) 3	1 MTWThF9-10:30	—
	2 MTWThF11-12:30	—
Course 609—Research and Thesis. Credit 2 to 4.	1 Hours to be arranged.	

EDUCATION AND PSYCHOLOGY

G. B. WILCOX, Head of Dept.
Office: Room 102, Academic Bldg.

EDUCATION (Educ.)

FIRST TERM

Course 321—Secondary School Methods. (9-0) 3	1 MTWThF7-8:30	—
Course 426—Tests and Measurements. (9-0) 3	1 MTWThF9-10:30	—
Course 433—Improvement of Reading, Spelling, and Speech. Credit 3.	1 Hours to be arranged.	
Course 434—Improvement of Reading, Spelling, and Speech. Credit 3.	1 Hours to be arranged.	

Section	Theory	Practice
Course 435—Audio-Visual Education. (9-0) 3	1 MTWThF11-12:30	—
Course 441—Practicum in Remedial Reading. (3-9) 2	1 MWF10-11	MWF9-10TTh9-11
Course 607—Programs and Procedures in Supervision. (6-0) 2	1 MTWThF11-12	—
Course 610—Pupil Accounting. (6-0) 2	1 MTWThF7-8	—
Course 613—The School Plant. (9-0) 3	1 MTWThF7-8:30	—
Course 619—Resources Use Education. (12-0) 4	1 MTWThF9-11	—
Course 622—The Junior College. (9-0) 3	1 MTWThF9-10:30	—

SECOND TERM

Course 319—Elementary School Methods. (9-0) 3	1 MTWThF7-8:30	—
Course 320—Elementary School Administration. (9-0) 3	1 MTWThF9-10:30	—
Course 322—Secondary School Administration. (9-0) 3	1 MTWThF11-12:30	—
Course 427—Administration of Student Personnel. (9-0) 3	1 MTWThF7-8:30	—
Course 608—Administration of Local School Finance. (9-0) 3	1 MTWThF9-10:30	—
Course 609—Public School Laws. (6-0) 2	1 MTWThF11-12	—
Course 611—The Newer Techniques in Teaching. (12-0) 4	1 MTWThF9-11	—
Course 612—Interpreting the Schools to the Public. (6-0) 2	1 MTWThF7-8	—
Course 616—Administration of Teacher Personnel. (6-0) 2	1 MTWThF7-8	—

PSYCHOLOGY (Psy.)

FIRST TERM

Course 207—General Psychology. (9-0) 3	1 MTWThF7-8:30	—
Course 307—Child Psychology. (9-0) 3	1 MTWThF9-10:30	—

SECOND TERM

Course 301—Educational Psychology. (9-0) 3	1 MTWThF9-10:30	—
Course 303—Psychology for Technical Students. (9-0) 3	1 MTWThF7-8:30	—
Course 402—Advanced Educational Psychology. (9-0) 3	1 MTWThF9-10:30	—

ELECTRICAL ENGINEERING (E.E.)

M. C. HUGHES, Head of Dept.
Office: Room 114, Bolton Hall

FIRST TERM

Course 208—Direct Current Machinery. (9-12) 4	1 MTWThF9-10:30	MWF2-5
Course 305—Electrical Machinery. (9-9) 4	1 MTWThF7-8:30	TTh1-5:30

Section	Theory	Practice
Course 307—Electrical Circuits.	(9-9)	4
1	MTWThF9-10:30	MWF2-5
Course 318—Electrical Measurements.		
	(6-12)	3
1	MTWThF11-12	MWF1-5
Course 402a—Alternating Current Machinery.	(6-0)	2
1	MTWThF9-10	—
Course 404a—Alternating Current Laboratory.	(2-10)	2
1	MW10-11	MW1-5TTh10-11
Course 432—Public Utility Problems.		
	(9-0)	3
1	MTWThF7-8:30	—
Course 436—Electrical Equipment for Buildings.	(9-0)	3
1	MTWThF11-12:30	—
Course 601—Advanced Alternating Currents.	(9-12)	4
1	MTWThF9-10:30	TThF1-5
Course 616a—Acoustic Devices in Sound Reproducing Systems.	(5-4)	2
1	MTWThF11-12	W1-5
Course 617—Research in Electrical Engineering. Credit 2 to 6.		
1	Hours to be arranged.	

SECOND TERM

Course 305—Electrical Machinery.	(9-9)	4
1	MTWThF7-8:30	TTh1-5:30
Course 308—Electrical Machinery.	(9-9)	4
1	MTWThF7-8:30	MWF2-5
Course 315—Alternating Currents.	(9-12)	4
1	MTWThF9-10:30	MWF1-5
Course 316—Circuit and Field Theory.		
	(9-0)	3
1	MTWThF9-10:30	—
Course 320—Electronics.	(9-9)	4
1	MTWThF7-8:30	MWF2-5
Course 402b—Alternating Current Machinery.	(6-0)	2
1	MTWThF9-10	—
Course 404b—Alternating Current Laboratory.	(1-8)	1
1	W10-11	MW1-5
Course 611—Symmetrical Components Applied to Electrical Engineering.		
	(9-12)	4
1	MTWThF7-8:30	MTTh1-5
Course 616b—Acoustic Devices in Sound Reproducing Systems.	(4-5)	2
1	MTWTh11-12	F11-12; F1-5
Course 617—Research in Electrical Engineering. Credit 2 to 6.		
1	Hours to be arranged.	

ENGINEERING DRAWING (E.D.)

W. E. STREET, Head of Dept.
Office: Room E, Anchor Hall

FIRST TERM

Course 111—Engineering Drawing. (0-18)	2
1	Hours to be arranged.
Course 112—Engineering Drawing. (0-12)	1
1	Hours to be arranged.
Course 124—Descriptive Geometry. (6-6)	3
1	Hours to be arranged.
Course 127—Industrial Freehand Sketching.	(3-9)
	2
1	Hours to be arranged.
Course 601—Advanced Industrial Drawing. (6-9)	3
1	Hours to be arranged.
Course 605—Spherical Projections. (6-0)	2
1	Hours to be arranged.

Section	Theory	Practice
Course 611—Technical Illustration.	(9-9)	4
1	Hours to be arranged.	

SECOND TERM

Course 111—Engineering Drawing. (0-18)	2
1	Hours to be arranged.
Course 112—Engineering Drawing. (0-12)	1
1	Hours to be arranged.
Course 124—Descriptive Geometry. (6-6)	3
1	Hours to be arranged.
Course 128—Methods of Industrial Reproductions. (0-6)	1
1	Hours to be arranged.
Course 603—Advanced Machine Drawing. (3-18)	3
1	Hours to be arranged.
Course 606—Stereographic and Clinographic Projections. (6-0)	2
1	Hours to be arranged.
Course 607—Descriptive Geometry for Teachers. (12-0)	4
1	Hours to be arranged.

ENGLISH (Engl.)

T. F. MAYO, Head of Dept.
Office: Room 317, Academic Bldg.

FIRST TERM

Course 103—Composition and Rhetoric. (9-0)	3
1	Daily7-8:15
2	MTWThF1-2:30
3	Daily9-10:15
4	Daily7-8:15
101	MTWThF1-2:30
102	MTWThF1-2:30
103	MTWThF1-2:30
104	MTWThF1-2:30
105	Daily7-8:15
106	Daily7-8:15
107	Daily7-8:15
108	Daily9-10:15
109	Daily9-10:15
125	Daily9-10:15
126	Daily9-10:15
127	Daily7-8:15
131	Daily9-10:15
132	MTWThF1-2:30
133	MTWThF1-2:30
195	Daily9-10:15
Course 104—Composition and Rhetoric. (9-0)	3
1	Daily7-8:15
2	Daily9-10:15
Course 203—Composition and Literature. (6-0)	2
1	MTWThF7-8
2	MTWThF9-10
3	MTWThF11-12
4	MTWThF7-8
5	MTWThF9-10
Course 210—Writing and Discussion. (6-0)	2
1	MTWThF7-8
2	MTWThF9-10
3	MTWThF11-12
Course 212—Shakespeare. (9-0)	3
1	MTWThF7-8:30
Course 301—Writing for Professional Men. (9-0)	3
1	MTWThF7-8:30
2	MTWThF9-10:30
3	MTWThF11-12:30
4	MTWThF11-12:30

Section	Theory	Practice
Course 340—Modern Drama. (9-0) 3		
1	MTWThF9-10:30	—
Course 375—Great American Writers. (6-0) 2		
1	MTWThF11-12	—
Course 401—Public Speaking. (0-6) 1		
1	—	MTWThF7-8
2	—	MTWThF9-10
3	—	MTWThF11-12
4	—	MTWThF9-10
Course 403—Speaking for Professional Men. (3-6) 2		
1	TTh7-8:30	MWF7-8:30
2	TTh7-8:30	MWF7-8:30
3	TTh9-10:30	MWF9-10:30
4	TTh9-10:30	MWF9-10:30
5	TTh11-12:30	MWF11-12:30
6	TTh11-12:30	MWF11-12:30
SECOND TERM		
Course 103—Composition and Rhetoric. (9-0) 3		
1	Daily7-8:15	—
2	Daily9-10:15	—
3	MTWThF1-2:30	—
4	MTWThF1-2:30	—
Course 104—Composition and Rhetoric. (9-0) 3		
101	MTWThF1-2:30	—
102	MTWThF1-2:30	—
103	Daily9-10:15	—
104	Daily9-10:15	—
105	MTWThF1-2:30	—
106	MTWThF1-2:30	—
107	MTWThF1-2:30	—
108	Daily7-8:15	—
109	Daily7-8:15	—
125	Daily9-10:15	—
126	Daily9-10:15	—
127	Daily7-8:15	—
131	Daily9-10:15	—
132	MTWThF1-2:30	—
133	MTWThF1-2:30	—
195	Daily7-8:15	—
Course 203—Composition and Literature. (6-0) 2		
1	MTWThF9-10	—
2	MTWThF11-12	—
Course 210—Writing and Discussion. (6-0) 2		
1	MTWThF7-8	—
2	MTWThF9-10	—
3	MTWThF11-12	—
Course 301—Writing for Professional Men. (9-0) 3		
1	MTWThF7-8:30	—
2	MTWThF9-10:30	—
3	MTWThF11-12:30	—
Course 319—Report Writing. (3-0) 1		
1	MWF11-12	—
Course 371—Great Books. (9-0) 3		
1	MTWThF9-10:30	—
Course 401—Public Speaking. (0-6) 1		
1	—	MTWThF7-8
2	—	MTWThF9-10
3	—	MTWThF11-12
Course 403—Speaking for Professional Men. (3-6) 2		
1	TTh7-8:30	MWF7-8:30
2	TTh7-8:30	MWF7-8:30
3	TTh9-10:30	MWF9-10:30
4	TTh9-10:30	MWF9-10:30
5	TTh11-12:30	MWF11-12:30
6	TTh11-12:30	MWF11-12:30
7	TTh7-8:30	MWF7-8:30

ENTOMOLOGY (Ento.)
 H. G. JOHNSTON, Head of Dept.
 Office: Room 100, Old Agr. Exp. Sta. Bldg.

FIRST TERM

Course 402—Agricultural Pests. (6-9) 3
 1 MTWThF11-12 MWF2-5

Course 417—Special Problems. Credit 1 to 4.
 1 Hours to be arranged.

Course 608—Economic Entomology. (9-9) 4
 1 MTWThF9-10:30 TThF2-5

Course 611—Research. Credit 2 to 6.
 1 Hours to be arranged.

SECOND TERM

Course 418—Special Problems. Credit 1 to 4.
 1 Hours to be arranged.

Course 611—Research. Credit 2 to 6.
 1 Hours to be arranged.

FLORICULTURE AND LANDSCAPE ARCHITECTURE

A. F. DeWERTH, Head of Dept.
 Office: Room 201, Ag. Eng. Bldg.

FLORICULTURE (Flor.)
FIRST TERM

Course 605—Techniques of Floriculture. (6-0) 2
 1 Hours to be arranged.

Course 608—Minor Investigations. Credit 1 to 4.
 1 Hours to be arranged.

Course 611—Research and Thesis. Credit 2 to 6.
 1 Hours to be arranged.

SECOND TERM

Course 606—Minor Investigations. Credit 1 to 4.
 1 Hours to be arranged.

Course 607—Propagation of Ornamental Plants. (3-18) 3
 1 Hours to be arranged.

Course 611—Research and Thesis. Credit 2 to 6.
 1 Hours to be arranged.

LANDSCAPE ARCHITECTURE (Land.)

FIRST TERM

Course 311—Intermediate Landscape Design. (0-36) 4
 1 Hours to be arranged.

SECOND TERM
 No courses are to be offered.

GENETICS (Gen.)
 C. B. GODBEY, Head of Dept.
 Office: Room 303, Animal Ind. Bldg.

FIRST TERM

Course 301—Genetics. (9-6) 4
 1 MTWThF7-8:30 MW2-5
 2 MTWThF9-10:30 TTh2-5

Section	Theory	Practice
Course 406—Biometry—Experimental Technique. (6-9) 3		
1	MTWThF11-12	MWF2-5

SECOND TERM

No courses are to be offered.

GEOGRAPHY (Geog.)

G. W. SCHLESSELMAN, Head of Dept.
Office: Room 112, Chemistry Bldg.

FIRST TERM

No courses are to be offered.

SECOND TERM

Course 201—Principles of Geography. (9-0) 3

1 MTWThF9-10:30

GEOLOGY (Geol.)

S. A. LYNCH, Head of Dept.
Office: Room 121, Geology Bldg.

FIRST TERM

Course 203—Mineralogy and Rock Study. (6-18) 4

1 MTWThF9-10 MTWTh1-5F1-3

Course 300—Field Geology. Credit 6.

1 Junction, Texas, Field Camp

2 (3 weeks: June 4-June 22)

Junction, Texas, Field Camp

Course 605—Special Geology. Credit 2 to 6.

1 Hours to be arranged.

Course 623—Research. Credit 1 to 6.

1 Hours to be arranged.

SECOND TERM

Course 210—Historical Geology. (9-9) 4

1 MTWThF7-8:30 MWF2-5

Course 300—Field Geology. Credit 6.

(3 weeks: August 6-August 24)

1 Junction, Texas, Field Camp

Course 399—Field Geology of the Gulf Coast Tertiary. Credit 6.

1 Hours to be arranged.

Course 605—Special Geology. Credit 2 to 6.

1 Hours to be arranged.

Course 623—Research. Credit 1 to 6.

1 Hours to be arranged.

INTERSESSION (Aug. 27-Sept.13)

Course 299—Field Geology. Credit 3.

1 Hours to be arranged.

HISTORY (Hist.)

S. R. GAMMON, Head of Dept.
Office: Room 211, Academic Bldg.

FIRST TERM

Course 105—History of the United States. (9-0) 3

1 Daily9-10:15

131 Daily7-8:15

132 Daily9-10:15

133 Daily9-10:15

Course 306—American National Government. (9-0) 3

1 MTWThF7-8:30

2 MTWThF9-10:30

3 MTWThF11-12:30

4 MTWThF9-10:30

Section	Theory	Practice
Course 307—State and Local Government. (9-0) 3		
1	MTWThF7-8:30	—
2	MTWThF11-12:30	—

SECOND TERM

Course 106—History of the United States. (9-0) 3

1 Daily7-8:15

2 Daily9-10:15

131 Daily7-8:15

132 Daily9-10:15

133 Daily9-10:15

Course 306—American National Government. (9-0) 3

1 MTWThF7-8:30

2 MTWThF9-10:30

3 MTWThF11-12:30

Course 307—State and Local Government. (9-0) 3

1 MTWThF7-8:30

2 MTWThF9-10:30

3 MTWThF11-12:30

HORTICULTURE (Hort.)

G. W. ADRIANCE, Head of Dept.
Office: Room 307, Agr. Bldg.

FIRST TERM

Course 319—Orchard Management. (6-6) 3

1 MTWThF11-12 TTh2-5

Course 432—Deciduous Fruits. Credit 3.

1 (3 weeks: June 25 - July 14)

Stephenville, Texas

Course 607—Research Methods. Credit 1 to 4.

1 Hours to be arranged.

Course 611—Fruit Production Principles. (9-9) 4

1 MTWThF7-8:30 MWF2-5

Course 613—Vegetable Production. (9-6) 4

1 MTWThF9-10:30 TTh2-5

Course 671—Research in Horticulture. Credit 1 or more.

1 Hours to be arranged.

SECOND TERM

Course 608—Research Methods. Credit 1 to 4.

1 Hours to be arranged.

Course 671—Research in Horticulture. Credit 1 or more.

1 Hours to be arranged.

INDUSTRIAL EDUCATION (I.Ed.)

C. H. GRONEMAN, Head of Dept.
Office: Room 105, M. E. Shops

FIRST TERM

Note: Trade and Industrial Teachers are to register for courses marked with an asterisk (*).

***Course 204—Development and Practice in Industrial Education. (6-0) 2**

1 MTWThF9-15-10:45

2 MTWThF9-15-10:45

***Course 301—Methods of Teaching and Class Management. (6-0) 2**

1 MTWThF7:30-9

***Course 310—Course Making. (6-0) 2**

1 MTWThF7:30-9

Section	Theory	Practice
Course 327—Industrial Arts Handcraft.		
	(3-15) 3	
1	MWF1-2	MWF2-5TTh1-4
Course 404—Visual Aids for Industrial Subjects. (3-6) 2		
1	MWF1-2	MWF2-4
*2	MTWThF11-12:30	_____
*3	MTWThF7:30-9	_____
*Course 409—Methods of Introducing Industrial Organization and Management into Industrial Schools. (6-0) 2		
1	MTWThF11-12:30	_____
Course 415—Practice Teaching. (6-15) 4		
1	MTWThF11-12	Lab. hours to be arranged.
Course 416—Practice Teaching. (6-15) 4		
1	MTWThF11-12	Lab. hours to be arranged.
*Course 420—Follow-up, Visitation, and Coordination in Part-Time Schools. (6-0) 2		
1	MTWThF7:30-9	_____
*Course 423—Analysis Procedures. (3-6) 2		
1	MTWThF11-12:30	_____
*Course 424—Organization of Instructional Material. (3-6) 2		
1	MTWThF7:30-9	_____
2	MTWThF9:15-10:45	_____
Course 610—Methods of Teaching High School Drawing. (6-9) 3		
1	MTWThF9-10	MTWThF10:30-12
Course 611—Industrial Education Problems. (12-0) 4		
1	MTWThF7-9	_____
Course 616—Methods of Teaching Industrial Arts in Secondary Schools. (6-0) 2		
*1	MTWThF11-12:30	_____
2	(3 weeks: June 4-June 22)	_____
	MTWThF9-11	_____
*Course 619—Related Subjects in Part-Time Cooperative Programs. (6-0) 2		
1	MTWThF11-12:30	_____
*Course 621—Philosophy of Vocational Education. (6-0) 2		
1	MTWThF9:15-10:45	_____
Course 624—Seminar in Industrial Arts Education. (3-0) 1		
1	(3 weeks: June 4-June 22)	_____
	MTWThF11-12	_____
*Course 626—Classroom Management and Shop Organization. (6-0) 2		
1	MTWThF9:15-10:45	_____
Course 634—Ornamental Metal Work. (3-12) 2		
1	MWF7-8	MWPF8-10TTh7-10
SECOND TERM		
Course 601—History of Industrial Education. (6-0) 2		
1	(2 weeks: July 16-July 27)	_____
	MTWThF9-10:45	_____
Course 602—Industrial Arts Administration and Supervision. (6-0) 2		
1	(4 weeks: July 30-August 24)	_____
	MTWThF7-8	_____
Course 622—Philosophy of Industrial Arts Education. (6-0) 2		
1	(4 weeks: July 30-August 24)	_____
	MTWThF9-10	_____
Course 630—Auto Mechanics. (3-12) 2		
1	(2 weeks: July 16-July 27)	_____
	MTWThF7-8:30	Lab hours to be arranged.

Section	Theory	Practice
JOURNALISM (Jour.)		
D. D. BURCHARD, Head of Dept. Office: Kelly House		
FIRST TERM		
Course 415—Agricultural Journalism. (6-6) 3		
1	MTWThF9-10 Hours to be arranged	_____
Course 462—School Publications. (9-0) 3		
1	MTWThF7-8:30	_____
SECOND TERM		
Course 311—Radio News Writing. (6-6) 3		
1	MTWThF9-10	TTh2-5
Course 415—Agricultural Journalism. (6-6) 3		
1	MTWThF11-12 Hours to be arranged.	_____
LANDSCAPE ARCHITECTURE (See FLORICULTURE and LANDSCAPE ARCHITECTURE)		
MANAGEMENT ENGINEERING (Man.E.) A. R. BURGESS, Acting Head of Dept. Office: Austin Hall		
FIRST TERM		
Course 401—Survey of Management Engineering. (9-0) 3		
1	MTWThF9-10:30	_____
SECOND TERM		
No courses are to be offered.		
MATHEMATICS (Math.) W. L. PORTER, Head of Dept. Office: Room 221, Academic Bldg.		
FIRST TERM		
Course 101—Algebra. (9-0) 3		
1	MTWThF1-2:30	_____
Course 102—Algebra. (9-0) 3		
1	Daily9-10:15	_____
161	Daily9-10:15	_____
162	Daily9-10:15	_____
163	Daily9-10:15	_____
164	Daily9-10:15	_____
Course 103—Plane Trigonometry. (9-0) 3		
1	Daily7-8:15	_____
2	Daily11-12:15	_____
171	Daily7-8:15	_____
172	Daily7-8:15	_____
173	Daily7-8:15	_____
174	Daily7-8:15	_____
175	Daily7-8:15	_____
181	MTWThF1-2:30	_____
182	MTWThF1-2:30	_____
183	MTWThF1-2:30	_____
184	MTWThF1-2:30	_____
185	MTWThF1-2:30	_____
186	Daily9-10:15	_____
Course 104—Analytics. (12-0) 4		
1	Daily7-8:50	_____
2	Daily9-10:50	_____
Course 110—Survey Course in Mathematics. (9-0) 3		
1	MTWThF1-2:30	_____
Course 203—Calculus. (12-0) 4		
1	MTWThF7-9	_____
2	MTWThF9-11	_____

Section	Theory	Practice	Section	Theory	Practice
Course 204—Calculus. (12-0) 4			171	MWF11-11:50	MWF1-2:50
1	MTWThF7-9	—	172	MWF11-11:50	MWF1-2:50
2	MTWThF11-1	—	173	MWF11-11:50	MWF1-2:50
Course 305—Differential Equations. (6-0) 2			174	MWF11-11:50	MWF1-2:50
1	MTWThF11-12	—	175	MWF11-11:50	MWF1-2:50
Course 401—Advanced Mathematics for Engineers and Physicists. (12-0) 4			181	MWF7-7:50	TThS7-8:50
1	MTWThF7-9	—	182	MWF7-7:50	TThS7-8:50
Course 409—Advanced Calculus. (12-0) 4			183	MWF9-9:50	TThS9-10:50
1	MTWThF9-11	—	184	MWF9-9:50	TThS9-10:50
Course 601—Higher Mathematics for Engineers and Physicists. (12-0) 4			185	MWF9-9:50	TThS9-10:50
1	MTWThF11-1	—	186	MWF7-7:50	TThS7-8:50
Course 602—Higher Mathematics for Engineers and Physicists. (12-0) 4			Course 102—Engineering Problems. (3-6) 2		
1	MTWThF9-11	—	1	MWF7-7:50	TThS7-8:50
SECOND TERM					
Course 101—Algebra. (9-0) 3			Course 105—Bench Work in Wood. (3-18) 3		
1	Daily7-8:15	—	1	MWF7-8	MWF8-11TTh7-11
171	Daily9-10:15	—	Course 212—Engineering Mechanics. (9-0) 3		
172	Daily9-10:15	—	1	MTWThF9-10:30	—
173	Daily9-10:15	—	Course 309—Machine Shop. (0-9) 1		
174	Daily9-10:15	—	1	—	MWF2-5
175	Daily9-10:15	—	Course 310—Machine Shop. (0-9) 1		
Course 102—Algebra. (9-0) 3			1	—	TTh1-5:30
1	Daily9-10:15	—	Course 313—Engineering Mechanics. (9-0) 3		
181	MTWThF1-2:30	—	1	MTWThF11-12:30	—
182	MTWThF1-2:30	—	Course 323—Thermodynamics. (12-0) 4		
183	MTWThF1-2:30	—	1	MTWThF7-9	—
184	MTWThF1-2:30	—	Course 329—Advanced Cabinet Making. (3-18) 3		
185	MTWThF1-2:30	—	1	MWF1-2	MWF2-5TTh1-5
186	Daily9-10:15	—	Course 403—Engineering Laboratory. (3-9) 2		
Course 103—Plane Trigonometry. (9-0) 3			1	MWF1-2	MWF2-5
1	Daily11-12:15	—	Course 404—Engineering Laboratory. (3-9) 2		
161	Daily7-8:15	—	1	MTTh11-12	MW1-5:30
162	Daily7-8:15	—	Course 417—Power Engineering. (12-0) 4		
163	Daily7-8:15	—	1	MTWThF9-11	—
164	Daily7-8:15	—	Course 440—Physical Metallurgy. (6-9) 3		
Course 104—Analytics. (12-0) 4			1	MTWThF11-12	MWF2-5
1	Daily7-8:50	—	Course 446—Machine Design. (6-9) 3		
2	Daily11-12:50	—	1	MTWThF8-9	TTh1-5:30
Course 203—Calculus. (12-0) 4			Course 450—Seminar. (0-6) 1		
1	MTWThF9-11	—	1	—	MTWThF7-8
Course 204—Calculus. (12-0) 4			Course 605a—Engineering Analysis. (6-0) 2		
1	MTWThF7-9	—	1	MTWThF9-10	—
2	MTWThF9-11	—	Course 607—Experimental Engineering Research. Credit 1 to 6. Hours to be arranged.		
Course 401—Advanced Mathematics for Engineers and Physicists. (12-0) 4			Course 615—Advanced Engineering Thermodynamics. (12-0) 4		
1	MTWThF11-1	—	1	MTWThF7-9	—
Course 601—Higher Mathematics for Engineers and Physicists. (12-0) 4			SECOND TERM		
1	MTWThF7-9	—	Course 101—Engineering Problems. (3-6) 2		
Course 603—Seminar Course in Mathematics for Engineers and Physicists. (12-0) 4			1	MWF7-7:50	TThS7-8:50
1	MTWThF9-11	—	2	MWF9-9:50	TThS9-10:50
MECHANICAL ENGINEERING (M.E.)					
C. W. CRAWFORD, Head of Dept.					
Office: Room 103, Fernier Hall					
FIRST TERM					
Course 101—Engineering Problems. (3-6) 2			3	MWF11-11:50	MWF1-2:50
1	MWF9-9:50	TThS9-10:50	4	MWF9-9:50	TThS9-10:50
2	MWF7-7:50	TThS7-8:50	Course 102—Engineering Problems. (3-6) 2		
3	MWF7-7:50	TThS7-8:50	1	MWF7-7:50	TThS7-8:50
4	MWF9-9:50	TThS9-10:50	2	MWF9-9:50	TThS9-10:50
			3	MWF11-11:50	MWF1-2:50
			171	MWF11-11:50	MWF1-2:50
			172	MWF11-11:50	MWF1-2:50
			173	MWF11-11:50	MWF1-2:50
			174	MWF7-7:50	TThS7-8:50
			175	MWF7-7:50	TThS7-8:50
			181	MWF7-7:50	TThS7-8:50
			182	MWF9-9:50	TThS9-10:50
			183	MWF9-9:50	TThS9-10:50
			184	MWF9-9:50	TThS9-10:50
			185	MWF9-9:50	TThS9-10:50
			186	MWF7-7:50	TThS7-8:50

Section	Theory	Practice
Course 106—Cabinet Making. (3-18) 3		
1	MWF1-2	MWF2-5TTh1-5
Course 212—Engineering Mechanics. (9-0) 3		
1	MTWThF7-8:30	—
Course 323—Thermodynamics. (12-0) 4		
1	MTWThF7-9	—
Course 328—Thermodynamics. (9-0) 3		
1	MTWThF9-10:30	—
Course 404—Engineering Laboratory. (3-9) 2		
1	MWF1-2	TTh1-5:30
Course 410—Internal Combustion Engines. (9-0) 3		
1	MTWThF7-8:30	—
Course 445—Machine Design. (6-9) 3		
1	MTWThF11-12	TTh1-5:30
Course 605b—Engineering Analysis. (6-0) 2		
1	MTWThF11-12	—
Course 607—Experimental Engineering Research. Credit 1 to 6. Hours to be arranged.		
Course 617—Mechanical Vibrations. (12-0) 4		
1	MTWThF9-11	—

MILITARY SCIENCE (M.S.)

COL. H. L. BOATNER, Head of Dept.
Office: Rooms 2 and 3, Ross Hall

FIRST TERM

Course 122—First Year Basic Military Science. (3-3)		
101	TThS11-11:50	W4-5F3-5
102	MWF11-11:50	W4-5F3-5
103	MWF10-10:50	W4-5F3-5
104	TThS9-9:50	M4-5F3-5
108	TThS11-11:50	W4-5F3-5
109	TThS11-11:50	W4-5F3-5
125	MWF11-11:50	T4-5F3-5
127	MW1-2:15	M4-5F3-5
131	TTh1-2:15	M4-5F3-5
133	MWF7-7:50	T4-5F3-5
163	TTh1-2:15	T4-5F3-5
164	MW1-2:15	M4-5F3-5
171	TThS10-10:50	T4-5F3-5
173	MWF9-9:50	M4-5F3-5
175	TThS9-9:50	T4-5F3-5
181	MWF9-9:50	M4-5F3-5
182	MWF10-10:50	T4-5F3-5
185	TThS7-7:50	T4-5F3-5
195	MW1-2:15	M4-5F3-5

SECOND TERM

Course 122—First Year Basic Military Science. (Cont.) (3-3)		
101	TThS10-10:50	W4-5F3-5
102	TThS10-10:50	M4-5F3-5
103	TThS11-11:50	T4-5F3-5
104	TThS11-11:50	M4-5F3-5
108	TThS11-11:50	T4-5F3-5
109	MWF11-11:50	W4-5F3-5
125	TTh1-2:15	T4-5F3-5
127	MW1-2:15	W4-5F3-5
131	MWF11-11:50	M4-5F3-5
133	TThS8-8:50	T4-5F3-5
163	TTh1-2:15	T4-5F3-5
164	MW1-2:15	W4-5F3-5
171	TThS8-8:50	M4-5F3-5
173	TThS7-7:50	W4-5F3-5
175	TTh1-2:15	M4-5F3-5
181	MWF9-9:50	M4-5F3-5
182	MWF7-7:50	W4-5F3-5
185	MWF10-10:50	T4-5F3-5
195	MW1-2:15	W4-5F3-5

Section	Theory	Practice
MODERN LANGUAGES (Lang.)		
J. J. WOOLKET, Head of Dept. Office: Room 119, Academic Bldg.		

FIRST TERM

Course 103—Beginning German. (9-0) 3		
1	MTWThF9-10:30	—
Course 105—Beginning Spanish. (9-0) 3		
1	MTWThF9-10:30	—
Course 203—Intermediate German. (9-0) 3		
1	MTWThF7-8:30	—
Course 205—Intermediate Spanish. (9-0) 3		
1	MTWThF7-8:30	—

SECOND TERM

Course 104—Beginning German. (Continued) (9-0) 3		
1	MTWThF7-8:30	—
Course 106—Beginning Spanish. (Continued) (9-0) 3		
1	MTWThF9-10:30	—
Course 204—Intermediate German. (Continued) (9-0) 3		
1	MTWThF9-10:30	—
Course 206—Intermediate Spanish. (Continued) (9-0) 3		
1	MTWThF7-8:30	—

OCEANOGRAPHY (Ocn.)

D. F. LEIPPER, Head of Dept.
Office: Room 26, Science Hall

FIRST TERM

Course 401—Introduction to Oceanography. (9-0) 3		
1	MTWThF9-10:30	—

SECOND TERM

Course 411—Physical Oceanography. (9-0) 3		
1	MTWThF9-10:30	—
Course 441—Chemical Oceanography. (9-0) 3		
1	MTWThF7-8:30	—

PETROLEUM ENGINEERING (Pet.E.)

HAROLD VANCE, Head of Dept.
Office: Room 106, Pet.E. Bldg.

FIRST TERM

Course 327—Petroleum Engineering Problems. (8-6) 3		
1	MTWThF9-10	TTh2-5
Course 619—Petroleum Research. Credit 2 to 6. Hours to be arranged.		
1		

SECOND TERM

Course 601—Petroleum Engineering Problems. (9-9) 4		
1	MTWThF7-8:30	MWF2-5
Course 619—Petroleum Research. Credit 2 to 6. Hours to be arranged.		
1		

Section	Theory	Practice
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PHYSICAL EDUCATION (P.E.)
C. E. TISHLER, Head of Dept.
Office: Gymnasium

FIRST TERM

- | | | |
|---|---|--------|
| Course 413—Administrative Problems in Physical Education. (3-9) | 2 | |
| 1 MWF11-12 | | MWF2-5 |
| Course 415—Secondary School Health Education. (9-0) | 3 | |
| 1 MTWThF9-10:30 | | _____ |

SECOND TERM

- | | | |
|---|---|--------|
| Course 414—Administrative Problems in Physical Education. (3-9) | 2 | |
| 1 MWF9-10 | | MWF2-5 |
| Course 416—Athletic Training. (9-0) | 3 | |
| 1 MTWThF7-8:30 | | _____ |

PHYSICS (Phys.)

J. G. POTTER, Head of Dept.
Office: Room 22, Physics Bldg.

FIRST TERM

- | | | |
|---|---|---------|
| Course 201—College Physics. (9-9) | 4 | |
| 1 MTWThF7-8:30 | | MWF2-5 |
| Course 203—General Physics. (12-9) | 5 | |
| 1 MTWThF7-9 | | MWF2-5 |
| Course 204—General Physics. (12-9) | 5 | |
| 1 MTWThF9-11 | | MWF2-5 |
| Course 213—Physics for Students of Agriculture. (6-6) | 3 | |
| 1 MTWThF11-12 | | MTTh1-3 |
| Course 601—Analytical Mechanics. (12-0) | 4 | |
| 1 MTWThF7-9 | | _____ |

SECOND TERM

- | | | |
|--|---|--------|
| Course 202—College Physics. (9-9) | 4 | |
| 1 MTWThF7-8:30 | | MWF2-5 |
| Course 204—General Physics. (12-9) | 5 | |
| 1 MTWThF9-11 | | MWF2-5 |
| Course 223—Supplementary General Physics. (12-0) | 4 | |
| 1 MTWThF7-9 | | _____ |
| Course 603—Advanced Electromagnetic Theory. (12-0) | 4 | |
| 1 MTWThF11-1 | | _____ |

PLANT PHYSIOLOGY AND PATHOLOGY (P.P.P.)

G. M. WATKINS, Head of Dept.
Office: Room 105, Old Exp. Sta. Bldg.

FIRST TERM

- | | | |
|--|---|-----------------------|
| Course 313—Introduction to Plant Physiology. (6-9) | 3 | |
| 1 MTWThF11-12 | | MWF2-5 |
| Course 615—Special Problems. Credit 1 to 4. | | |
| 1 | | Hours to be arranged. |
| Course 673—Research. Credit 2 to 6. | | |
| 1 | | Hours to be arranged. |

SECOND TERM

- | | | |
|---|--|-----------------------|
| Course 615—Special Problems. Credit 1 to 4. | | |
| 1 | | Hours to be arranged. |
| Course 673—Research. Credit 2 to 6. | | |
| 1 | | Hours to be arranged. |

Section	Theory	Practice
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POULTRY HUSBANDRY (P.H.)
J. H. QUISENBERRY, Head of Dept.
Office: Room 300, Agr. Bldg.

FIRST TERM

- | | | |
|---|---|-----------------------|
| Course 303—Turkey Production. (6-0) | 2 | |
| 1 MTWThF9-10 | | _____ |
| Course 412—Advanced Poultry Management. (6-6) | 3 | |
| 1 MTWThF11-12 | | TTh2-5 |
| Course 673—Research Problems. Credit 1 to 4. | | |
| 1 | | Hours to be arranged. |

SECOND TERM

- | | | |
|--|---|-----------------------|
| Course 201—Poultry Production. (6-6) | 3 | |
| 1 MTWThF11-12 | | TTh2-5 |
| Course 673—Research Problems. Credit 1 to 4. | | |
| 1 | | Hours to be arranged. |

PSYCHOLOGY

(See EDUCATION AND PSYCHOLOGY)

RANGE AND FORESTRY (R.F.)

V. A. YOUNG, Head of Dept.
Office: Second Floor, Ag. En. Bldg.

FIRST TERM

- | | | |
|--|--|-----------------------|
| Course 601—Range Research. Credit 1 or more. | | |
| 1 | | Hours to be arranged. |
| Course 608—Range Studies. Credit 1 to 4. | | |
| 1 | | Hours to be arranged. |

SECOND TERM

- | | | |
|---|---|--|
| Course 407—Range Practice. (0-27) | 3 | |
| 1 | | Hours to be arranged. |
| Course 408—Range Problems. Credit 1 to 3. | | |
| 1 | | Hours to be arranged. |
| Course 411—Field Range Management. Credit 2 or 3. | | |
| 1 | | (3 weeks: July 16 - August 3)
Sonora, Texas |
| Course 601—Range Research. Credit 1 or more. | | |
| 1 | | Hours to be arranged. |
| Course 608—Range Studies. Credit 1 to 4. | | |
| 1 | | Hours to be arranged. |

RELIGIOUS EDUCATION (Rel.)

NORMAN ANDERSON, In Charge of Dept.
Office: Y.M.C.A.

FIRST TERM

- | | | |
|---|---|-------|
| Course 305—Old Testament Character Studies. (3-0) | 1 | |
| 1 TTh9-10:30 | | _____ |
| Course 309—Early Old Testament History. (3-0) | 1 | |
| 1 MWF9-10 | | _____ |
| Course 313—Survey of New Testament. (6-0) | 2 | |
| 1 MTWThF9-10 | | _____ |
| Course 319—Epistles of Paul. (6-0) | 2 | |
| 1 MTWThF11-12 | | _____ |
| Course 320—The Book of Revelation. (3-0) | 1 | |
| 1 MWF11-12 | | _____ |
| Course 323—The Life of Jesus. (9-0) | 3 | |
| 1 MTWThF7-8:30 | | _____ |

Section	Theory	Practice
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SECOND TERM

Course 313—Survey of New Testament.

(6-0) 2
1 MTWThF9-10

Course 320—The Book of Revelation.

(3-0) 1
1 MWF11-12

Course 323—The Life of Jesus. (9-0) 3

1 MTWThF7-8:30

RURAL SOCIOLOGY

(See AGRICULTURAL ECONOMICS
AND SOCIOLOGY)

VETERINARY ANATOMY (V.A.)

A. A. PRICE, Acting Head of Dept.
Office: Room 103, Anatomy Bldg.

FIRST TERM

No courses are to be offered.

SECOND TERM

No courses are to be offered.

VETERINARY BACTERIOLOGY AND
HYGIENE (V.B.H.)

J. P. DELAPLANE, Head of Dept.
Office: Veterinary Hospital

FIRST TERM

Course 491—Animal Hygiene. (6-6) 3

1 MTWThF9-10 TTh2-5

Course 493—Infectious Diseases. (9-0) 3

1 MTWThF7-8:30

SECOND TERM

No courses are to be offered.

VETERINARY MEDICINE AND
SURGERY (V.M.S.)

A. A. LENERT, Head of Dept.
Office: Veterinary Hospital

FIRST TERM

Course 359—Veterinary General Surgery.

(9-0) 3
1 MTWThF7-8:30

Course 405—Methods of Veterinary

Practice. (9-0) 3
1 Hours to be arranged.

Course 471a—Veterinary Clinics. (0-18) 2

1 MTWThF1-4S10-12

SECOND TERM

Course 471b—Veterinary Clinics. (0-18) 2

1 MTWThF1-4S9-12

VETERINARY PARASITOLOGY (V.Par.)

R. D. TURK, Head of Dept.
Office: Room 102, Francis Hall

FIRST TERM

Course 481—Parasites of Domestic
Animals. (6-9) 3

1 MTWThF9-10 MWF2-5

Section	Theory	Practice
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SECOND TERM

No courses are to be offered.

VETERINARY PATHOLOGY (V.Pat.)

H. A. SMITH, Head of Dept.
Office: Veterinary Hospital

FIRST TERM

Course 243a—Veterinary General

Pathology. (7-5) 3
1 MTWThF9-10:10 T2-5Th2-4

Course 245—Special Problems in Pathology.
Credit 2.

1 Hours to be arranged.

Courses 643, 644, 645, 646, 647, 648, 650,
658, 660 are to be offered at hours
to be arranged.

SECOND TERM

Course 243b—Veterinary General

Pathology. (5-4) 2
1 MTWThF9-10 TTh3-5

Course 246—Special Problems in Pathology.
Credit 2.

1 Hours to be arranged.

Courses 643, 644, 645, 646, 647, 648, 650,
658, 660 are to be offered at hours
to be arranged.

VETERINARY PHYSIOLOGY AND
PHARMACOLOGY (V.P.P.)

P. W. BURNS, Head of Dept.
Office: Veterinary Hospital

FIRST TERM

Course 321—Physiology of Farm Animals.

(6-6) 3
1 MTWThF9-10 MWF1-3

Course 432—Veterinary Toxicology.

(3-12) 2
1 MWF8-9 MTWThF10-12SS-10

SECOND TERM

No courses are to be offered.

WILDLIFE MANAGEMENT (W.M.)

W. B. DAVIS, Head of Dept.
Office: Third Floor, Ag.En. Bldg.

FIRST TERM

Course 300—Field Studies. Credit 4.

1 Hours to be arranged.

Course 670—Thesis. Credit 1 to 8.

1 Hours to be arranged.

Course 673—Research on Wildlife Prob-
lems. Credit 2 to 6.

1 Hours to be arranged.

SECOND TERM

Course 670—Thesis. Credit 1 to 8.

1 Hours to be arranged.

Course 673—Research on Wildlife Prob-
lems. Credit 2 to 6.

1 Hours to be arranged.

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