

ALVIN JUNIOR  
COLLEGE

BULLETIN OF INFORMATION  
AND  
ANNOUNCEMENT OF COURSES

DAY COLLEGE  
EVENING COLLEGE

1956-57

Alvin, Texas

With Announcements for 1957-58

No. 5

# CALENDAR

## SESSION OF 1956-57

From: September 4, 1956 to May 31, 1957

Registration	August 16 to August 30, 1956
Convocation	August 31, 1956
Classes begin	September 4, 1956
Last date to register for full load	September 18, 1956
Holiday	November 11, 1956
Thanksgiving Vacation	November 29, 30, 1956
Christmas Holidays	December 21 to January 1, 1957
Final Exams begin	January 10, 1957
First semester ends	January 18, 1957
<b>Second Semester begins</b>	January 21, 1957
Last date to register for full load	February 6, 1957
Easter Holidays	April 19 to April 22
Final Exams begin	May 22, 1957
Baccalaureate Service	May 26, 1957
Graduation Exercises	May 30, 1957
Second semester ends	May 31, 1957
<b>Summer Session</b>	Six Weeks

## ADMINISTRATION

### BOARD OF TRUSTEES

Mr. A. Guy Crouch, President  
Mr. C. L. Leisure, Secretary  
Miss Verna Browning  
Mr. Guy Myrick  
Mr. N. A. Keithley  
Mr. Kermit Dyche  
Mr. Chester G. Morgan

### OFFICERS OF ADMINISTRATION

Mr. A. B. Templeton, M.Ed. \_\_\_\_\_ Superintendent  
Mr. S. N. Maxwell, M.S. \_\_\_\_\_ Supt. Bldgs. & Grounds  
Mr. W. H. Meyers, M.S. \_\_\_\_\_ Dean  
Mr. N. M. Nelson, M.A. \_\_\_\_\_ Registrar  
Miss Louise Kropf, M.A. \_\_\_\_\_ Director Adult Education

## FACULTY

Mr. A. B. Templeton \_\_\_\_\_ Superintendent  
B.S., Sam Houston State Teachers College  
M.Ed., University of Houston  
Mr. W. H. Meyers \_\_\_\_\_ Dean  
B.S., The Agricultural & Mechanical College of Texas  
M.S., The Agricultural & Mechanical College of Texas  
Mr. Neal M. Nelson \_\_\_\_\_ Registrar  
B.A., University of Washington  
M.A., University of Idaho  
M.Ed., University of Houston  
Mr. Allen Bailey \_\_\_\_\_ Mathematics  
B.S., Sam Houston State Teachers College  
M.A., Sam Houston State Teachers College  
Mr. O. T. Barker \_\_\_\_\_ Industrial Arts  
B.S., East Texas State Teachers College  
M.Ed., The Agricultural & Mechanical College of Texas  
Miss Charles B. Benson \_\_\_\_\_ English  
B.A., University of Colorado  
M.A., Southwest Texas State Teachers College

Mrs. Anona Brown \_\_\_\_\_ Home Economics  
B.S., Sam Houston State Teachers College  
M.S., University of Houston  
Mr. Alton Burgess \_\_\_\_\_ Agriculture  
B.S., Sam Houston State Teachers College  
M.A., Sam Houston State Teachers College  
Mr. Cecil Drachenberg \_\_\_\_\_ Science  
B.A., Abilene Christian College  
M.Ed., University of Houston  
Mr. W. O. Ferrell \_\_\_\_\_ Track Coach, Physical Education  
B.S., University of Texas  
M.Ed., University of Houston  
Mrs. Margret Frisby \_\_\_\_\_ Speech  
B.A., B.Ed., Mary Hardin Baylor  
M.A., North Texas State Teachers College  
Mr. F. L. Gregg \_\_\_\_\_ Mathematics  
B.A., Hardin-Simmons University  
M.L., University of Houston  
Miss Arlyne Haggard \_\_\_\_\_ Business Education  
B.A., Texas State College for Women  
M.A., Texas State College for Women  
Mr. Gordon Hensley \_\_\_\_\_ Spanish  
B.A., Texas Technological College  
M.A., University of Texas  
Mr. John M. Holst \_\_\_\_\_ Science  
B.S., Sam Houston State Teachers College  
M.A., Sam Houston State Teachers College  
Miss Helen A. Horton \_\_\_\_\_ Piano, Organ, Harp  
B.M., Northwestern University  
M.M., Northwestern University  
Miss Augusta Raye Jordan \_\_\_\_\_ Business Education  
B.B.A., Sam Houston State Teachers College  
M.Ed., Sam Houston State Teachers College

Miss Louise Kropf.....Adult Education  
 B.A., Rice Institute  
 M.A., Texas State College for Women

Mr. Carl Lovett.....Science  
 B.S., Southwest Texas State Teachers College  
 Advanced work, University of Texas

Miss Justine Martin.....Physical Education  
 B.S., Sam Houston State Teachers College

Mr. C. P. Munz.....Industrial Arts  
 B.S., The Agricultural & Mechanical College of Texas  
 M.Ed., University of Houston

Mr. James Parrish.....Journalism-English  
 B.S., Stephen F. Austin State College  
 M.A., Stephen F. Austin State College

Mr. C. B. Roland.....Athletic Director  
 B.A., Abilene Christian College  
 M.Ed., University of Houston

Mr. Cecil E. Rusk.....Music  
 B.S., Sam Houston State Teachers College  
 M.Ed., University of Houston

Mrs. Cherry Simpson.....Art  
 B.A., North Texas State Teachers College  
 M.A., North Texas State Teachers College

Miss Evelyn Strickland.....Library  
 B.A., B.S., Texas State College for Women  
 M.A., Texas State College for Women

Mr. Forrest Ward.....Social Science, Education  
 B.S., North Texas State Teachers College  
 M.S., North Texas State Teachers College

## I. GENERAL INFORMATION

### A. HISTORY

The Alvin Junior College was established as a part of the Alvin school system. Classes began with the opening of school on September 12, 1949.

#### 1949-50 School Year

Classes were begun with the opening of school on September 12, 1949. Facilities had been provided through careful study and planning by education leaders in the state, the Board of Education, administrative officers, faculty members, and townspeople.

Highlights of the first semester included the opening assembly held on September 12, formation of college clubs during the month of September, the formation of the Advisory Committee for Adult Education and the dinner for that group on September 1, at which time Dr. C. C. Colvert and Dr. J. W. Reynolds of the University of Texas led the discussion period; the first student sponsored assembly on Columbus Day, October 12, by the Pan American Student Forum; the faculty talent assembly on October 4, and the adoption of the Constitution for the Student Body on Tuesday, November 15. Two class plays were presented during the year, giving students training in dramatics. The new college building was dedicated with appropriate ceremonies on May 5, 1950, with the Honorable John Ben Shepherd as the principal speaker. A vocations day program was held on May 11 at which time students heard Dr. D. Bailey Calvin as speaker in assembly and section leaders conducted small group meetings later on in the afternoon in eighteen fields of work, such as: law, medicine, bookkeeping, trades, etc. Graduation exercises were held on May 25 at Memorial Stadium for the two graduating groups. A summer school of eight weeks was held.

#### 1950-56

The Alvin Schools have continued to grow and with this growth has come the need for added facilities for the junior college. Improvements during the past five years include: (1) building up of the general library, (2) complete remodeling of the home economics cottage, (3) improvements to the stadium and baseball diamonds, and (4) completion of additional shop quarters.

In 1954 Mr. A. B. Templeton of El Campo succeeded Mr. A. G. Welch as Superintendent of Schools. Many activities have been chartered for the 1956-57 school year. New members of the Board during this period include: Miss Verna Browning (1953), Mr. A. G. Crouch, (1954), Mr. N. A. Keithley (1955), Mrs. Charles Leisure (1954), Mr. Chester G. Morgan (1955), Mr. Kermit Dyche (1955), and Mr. Guy Myrick (1956).

Plans are underway to use a bond issue, passed in April, 1955 by the citizens of Alvin, to build three additional buildings: a junior college classroom building; a central student union building, and an administration building. When these additions have been completed, Alvin will have the needed facilities to continue on the forward march which has marked its history these past years.

## B. OBJECTIVES

### GENERAL

(1) Alvin Junior College was set up to fulfill a definite need in this area of Brazoria County. It is aimed to make this college into an institution which is flexible in its make-up and offerings, yet achieving a standard that is sound for an institution in the United States, serving a part of Texas in a manner which will be a credit to the Texas System of Education.

(2) The Southern Association of College and Secondary Schools states, "... Schools and colleges should be encouraged to be different rather than to be pressed into set moulds to make them all alike." It is the aim of the administrative staff of Alvin Junior College to organize the college in such a way as to serve the largest number of people of this community and surrounding areas.

### SPECIFIC

(1) By action of the Board of Education, Alvin Junior College is an extension of the work of the public schools of this community. As such it is an integral part of the Alvin Public Schools, furnishing in future months and years two additional years of work.

(2) The college is to provide pre-professional training of a standard level to meet the requirements of the first two years of a regular college course.

(3) The program is to provide training which leads to the completion of two years in terminal curricula, especially in the fields of business education, homemaking, industrial arts, and agriculture.

(4) The college hopes to strengthen the students' grasp of national and world affairs in order that they may be better citizens.

(5) Another aim is to strengthen the students' knowledge of good health practices.

(6) The college is cooperating with the community to provide planning for better recreational facilities and opportunities.

(6) Short courses and special programs for adults are being carried out through a Department of Adult Education.

## C. REGULATIONS

### AFFILIATION WITH ACCREDITING AGENCIES

Alvin Junior College is equipped with laboratory, classroom, and athletic facilities which are designed, over a period of a few years, to meet in full the requirements for recognition by the Southern Association of Colleges and Secondary Schools, the Texas Association of Junior Colleges, the Association of Texas Colleges, and the Texas Education Agency. The Board of Education authorized the Administrative Officers of the College to accept invitations to join the following organizations in 1949:

The Southern Association of Junior Colleges

The Association of Texas Public Junior Colleges

The American Association of Junior Colleges

On April 7, 1951, Alvin Junior College was voted full membership in the Association of Texas Colleges on recommendation of the Committee on Standards and Classification, Dr. A. H. Nolle, Chairman. Students who transfer from Alvin Junior College will be able from this school year on, to have their credits accepted at full value at any accredited college in Texas. These transfer students are reminded, however, that each college has its curricular patterns and the student will find it wise to take his courses in Alvin Junior College in the proper sequence as outlined in the bulletin of the senior college to which he plans to transfer.

Approval of the Association of Texas Colleges was retroactive to September, 1950. These science courses were approved for this College: Physics 184-194; Chemistry 114-124; Chemistry 113-123; and Biology 113-123.

### ADMISSION

All graduates from accredited secondary schools are eligible for entrance to the Alvin Junior College. However, those students who plan to enter the Division of Liberal Arts and Pre-Professional Training should enter with high school credits as shown in the following chart. Adults may enter the Department of Adult Education at any time, subject to the current rules of the College. Returning veterans may enter at any time, and their program will be given individual attention by the Registrar.

### GENERAL REQUIREMENTS

Age. Applicants for admission to the college must be at least 14 years old. Applicants who seek admission by individual approval must be at least 21 years old.

For full admission to the College fifteen units of high school credits are required, eight being prescribed and seven being elective. The prescribed units are as follows:

- a. English—3
- b. From the Mathematics Group in Section A—2
- c. From the Social Science Group in Section A—2
- d. Natural Science—1
- e. Additional from Section A or B, or A or B together—7

#### Section A

English Group		Mathematics Group	
English	3-4	Algebra	1-1½-2
Foreign Language Group		Plain Geometry	1
French	1-2-3	Solid Geometry	½
Spanish	1-2-3	Trigonometry	½
German	2-3	General Mathematics	1
Greek	2-3		
Latin	2-3-4		

#### Section B

Natural Science Group		Social Science Group	
Biology	1	Early European History	1
Botany	1	Modern European History	1
Chemistry	1	World History	1
General Science	1	American History	½-1
Physics	1	Texas History	½
Physiography	½	Civics	½-1
Zoology	1	Economics	½

All other courses accredited by the Texas Education Agency.

### COLLEGE OF ENGINEERING

The unit requirements for admission to the college of engineering are: English—3 units; Algebra—2 units; Plane Geometry—1 unit; Solid Geometry—½ unit; Physics—1 unit; from Section A above—3½ units; and additional from Section B—4 units, making a total of at least 15 units.

### METHODS OF ADMISSION

Students may be admitted in one of four ways, or by a combination of two or more of them, as follows:

(a) **By Diploma**—Within the limits of the above list, graduates of schools in the approved list issued by the Texas Education Agency are credited with the subjects they have completed in which the schools are accredited. In order to determine these units, they are required to present statements of their work made out by the superintendent or principal.

(b) **By Examination**—Any or all scholarship requirements may be met by passing the admission examination.

In grading examination papers, whatever the subject, account will be taken of the applicant's use of English. Excellence in one subject will not make up for deficiency in another. Credits are not divisible in any subject.

Every natural science examination paper must be accompanied by a laboratory notebook.

(c) **General Educational Development Tests**—Any veteran who has seven high school credits and passes the General Educational Development Test will be admitted to college.

(d) **By Individual Approval**—An applicant over 18 years of age who has been a member of the armed services, or an applicant over 21 years of age, may be admitted without examination on the following conditions:

He must furnish evidence that he has substantially covered the ground of the units required of other candidates and that he has sufficient ability and seriousness of purpose to do the work desired with profit to himself and to the satisfaction of the College.

**Removal of Deficiencies**—Alvin Junior College allows a student, admitted conditionally, to remove entrance deficiencies by taking at least thirty semester hours of college work (grade average of "C") provided the thirty semester hours include 6 hours each of the following transferable courses: English, Social Science, Mathematics, and Foreign Language.

### ADDING AND DROPPING COURSES

After the first registration for the session, a student may add, drop, or substitute a course only with the approval of the Registrar. Adding of courses which result in registration for a total of more than 16 hours per semester must be approved by the Dean of the College.

On the recommendation of the instructor concerned, a student may at any time be required by the Registrar to drop a course because of neglect, lack of preparation, poor attitude, etc.

Registration by students on scholastic probation must be approved by the Dean.

### STUDENT PUBLICATIONS

The student body, under faculty sponsorship, edits a weekly paper called *The Clarion*, and a year book, *The Yellow Jacket*. Both of these publications are well received and provide the students and the college organizations with opportunity for training in journalistic practices.

## NUMBER OF HOURS — STUDENT LOAD

A student should register for five college courses, or fifteen class hours per week. Registration should be approved by the Registrar. Under unusual circumstances, a student may register for another subject if his study program is approved by the Dean. A student may register for a part-time load (with the approval of the Dean) if he is employed more than three hours per day.

A semester-hour represents the work accomplished by a class meeting one hour a week for eighteen weeks. A year-hour represents the work of a class meeting one hour a week for thirty-six weeks. Consequently, a class meeting three times a week counts three semester hours, or three-year hours, according to whether it meets for a semester or a year.

## MINIMUM LOAD

The standard college load is fifteen semester hours of work. Students who take more than 16 hours of work for credit, or those who fall below twelve hours of work, must secure permission from the Dean. Permission to carry a light load is granted only in cases where the student is in ill health, working practically a full shift, or where there is serious illness at home which makes it impossible for that student to take at least twelve hours of work. An 'over-load' is granted only in case of proven scholarship. A poor student may not take courses over and above the normal load.

## ATTENDANCE REQUIREMENTS

Credit and grade in any course are to be determined primarily on the student's mastery of the contents and achievement set for the course as measured by the student's initiative and diligence, preparation of required work, class tests, and final examinations. No "cuts" are allowed. Several absences will tend to lower the grade, and persistent absences will preclude a passing grade. Regular class attendance is expected of all students. In case of an emergency, students are asked to arrange for an absence in advance.

When a student has been absent from a class for one week (Without permission from the Dean), he will be sent a notice requesting that he appear at the office to give the reason for the absence on or before the end of the following week. In case the student does not appear to explain his absence, he will be dropped from the rolls as of the date the notice was sent out. This rule applies to civilian and veteran students alike.

## STUDENT RESPONSIBILITY

Alvin Junior College provides fine equipment and facilities with which to work. The Junior College is delighted to grant students as much freedom of action as is compatible with good work. A high sense of personal honor and regard for truth represents the foundation for good conduct. Students who, contrary to established rules, persistently fail to conduct themselves properly will be dropped from the rolls of the institution.

## CONDUCT

As stated before, students will be expected to conduct themselves as ladies and gentlemen while on the campus. Rules and regulations made and posted by the Administration or the Student Council are to be followed by all students. Students will be dropped from the rolls of the college for major offenses. If the offense is minor, the Dean will usually place the student on probation for conduct. Continued poor conduct will be cause to drop the student from the College for a stated period.

Failure of a serious nature in class work, or continued failure to attend class, will be cause for action by the Dean or Registrar.

## GRADES AND REPORTS

**Grades:** Alvin Junior College rates a student by work done in class work, counting three-fourths, and a final examination, counting one-fourth of the final grade. Four letters are used for passing work: A (excellent), B (good), C (fair), and D (low pass). A "K" indicates an incomplete and an "F" is a failure. **A grade of D is not recommended for transfer of credit to a senior college.**

**Reports:** Periodic reports are made to parents who express a desire for them. Mid-term reports of poor grades and poor attendance are sent to parents of minors. Grade cards are issued each nine weeks' period.

When the work of a student is reported incomplete or when the grade is withheld, a grade of "K" is reported by the Registrar, unless the student has been permitted by the Dean to postpone the examination or a part of the class work.

A student who fails to pass in a course, but makes a grade of "K", is called "conditioned" and is allowed opportunity to remove the condition by a second examination within one semester after it was received. This second examination may be taken with the next class in the same subject, or on one of the days appointed for condition examinations. In either case he must make application to the Dean before the seventh day preceding the day of the examination period. At the discretion of the teacher, a student who makes a "K" on a course may be allowed to continue the course, and by making a "C" on the next semester's work remove the condition.

A student who fails to pass a condition examination in any subject forfeits thereby the right to ask for another examination in that course and must take the course over to secure credit for it. Absence from any scheduled examination will have the same effect as failure, unless excused by the Dean or Registrar.

A student who makes a grade of "D" and wants to raise that grade may do so by completing an outline review and taking a special examination. A written request must be made to the Dean for permission to take this examination; the outline must be filed with the Registrar.

### GRADE POINTS

A student will be expected to maintain a 1 grade point average over a period of semesters. In arriving at the average grade point the following chart is used.

A grade of "A" equals 3 grade points per semester hour.

A grade of "B" equals 2 grade points per semester hour.

A grade of "C" equals 1 grade point per semester hour.

No grade points are given for a grade of "D".

A grade of "F" equals 1 minus grade point per hour.

### ORGANIZED ACTIVITIES IN ALVIN JUNIOR COLLEGE

The following clubs operate during the school year at Alvin Junior College. They are: The Press Club, the Pan American Student Forum, Future Teachers of America, Athletic Club, Music Club, Girls Basketball Club, Tennis Club, Homemaking Club, Library Club, Speech Club, Slide Rule Club, and the College Orchestra.

Meetings are held usually during the activity period. In addition, the Faculty and Student Council sponsor special programs centering around guidance, intramural sports, and assemblies.

The Adult Education Department brings to the College, during the afternoon and evening hours, many programs of a civic nature. This program is described more in detail on page 56.

### CLASSIFICATION OF STUDENTS

Full-time students are those who take at least 12 semester hours of college work. Students who take less than 12 semester hours of College work are classified as part-time (special) students.

When a student has earned as much as 24 semester hours he is classified as a sophomore.

### SCHOLASTIC PROBATION

Students who fail to pass in at least three-fourths of their subjects or who fail to maintain a 1-point grade average for a semester are placed on scholastic probation by the Dean. Students must bring up their work by the end of the next semester. Failure to do so will mean that the student will be dropped from the rolls of the college for at least one school term.

### PROBATIONARY PERIOD

Students who are admitted on individual approval to Alvin Junior College and students who are placed on probation for scholarship deficiency will be expected to make marked improvement within the time limitation stated by college officials.

Students who took work before September 5, 1950 will be accepted at a senior college on individual approval. The student will validate his work by successful completion of his course during the first semester of residence study at the senior college.

Alvin Junior College became a fully accredited college on April 7, 1951. This means that the work at Alvin Junior College is considered to be on a par with work at other accredited junior colleges in Texas as well as on a par with the freshman and sophomore years at senior colleges in Texas. Transfer credit will be given by all colleges, which are accredited, in the State of Texas.

### GUIDANCE

The Junior College provides guidance and counseling services for all students. Placement tests are given often during the registration period, and subsequently the Counseling Officer gives additional tests. In addition, an over-all personality development course is given through the Department of Education and Psychology called Orientation 101. The areas of investigation include: health, personal adjustments, college orientation, marriage and family relations, vocational planning, use of the College Library, and how to study.



## STUDENT COUNCIL

Student affairs of Alvin Junior College are managed by a student council made up of representatives of each of the two classes. Additional members, if authorized, are elected on the basis of the size of each class.

### 1. Powers, duties, and responsibilities given to the Student Council:

- A. Recreation activities
- B. School calendar
- C. Student-administration participation
- D. Assembly participation
- E. Revision of the Constitution
- F. School elections
- G. Student-parent participation
- H. Special drives
- I. Interschool relationship
- J. Intramural participation

### 2. Powers denied the Student Council:

- A. Academic rules and procedure
- B. Interscholastic League and band activities
- C. Dramatics
- D. Any social activity which is not given for the whole school

### 3. College Colors: Orange and white

## SCHOLARSHIPS

The Board of Education will award annually a scholarship of \$50.00 (to apply on tuition) to the valedictorian of any high school in this area of Texas. This scholarship will be good for a period of two years.

Other scholarships and awards will be given by civic and service clubs of this area and presented according to succeeding announcements.

## D. NUMBERING OF COURSES

### THREE DIGITS ARE USED IN NUMBERING COURSES

#### a. The first digit denotes the level of work.

1. Subjects numbered from 100 to 149 are Freshman level; subjects numbered 180-199 are courses taken in either Freshman or Sophomore year.

2. Subjects numbered in the 200's are of Sophomore level.

## IV. CURRICULAR SUGGESTIONS

### ART—LEADING TO B. A. DEGREE\*

#### Eleventh Year

- 1. English 11A, 11B.....1 unit
- 2. Am. Hist. 11A, 11B.....1 unit
- 3. Plane Geometry 11A, 11B.....1 unit
- 4. Art 11A, 11B.....1 unit
- 5. P. E.....Credit
- 6. Forum 11A, 11B.....Credit

#### Twelfth Year

- 1. English 12A, 12B\*.....1 unit
- 2a. Civics, or
- 2b. Sociology 12B, or
- 2c. Economics 12B.....1 unit
- 3. Elective.....2 units
- 4. P. E.....Credit
- 5. Forum 12A, 12B.....Credit

Note: \*Speech or Journalism may be substituted for English 12 with the permission of the Dean.

### BUSINESS ADMINISTRATION—LEADING TO B.B.A. DEGREE

#### Eleventh Year

- 1. English 11A-11B.....1 unit
- 2. Am. History 11A-11B.....1 unit
- 3. Typing 10A-10B.....1 unit
- 4. Plane Geometry 11A-11B.....1 unit
- 5. P. E.....Credit
- 6. Forum 11A-11B.....Credit

#### Twelfth Year

- 1. English 12A, 12B\*.....1 unit
- 2a. Economics 12B, or
- 2b. Civics, or
- 2c. Sociology 12B.....1 unit
- 3a. Shorthand 12A-12B, or
- 3b. Bookkeeping.....1 unit
- 4. Elective.....1 unit
- 5. P. E.....Credit
- 6. Forum 12A-12B.....Credit

Note: \*Journalism or Speech may be substituted for English 12 with approval of the Dean.

\*Degree Note: Alvin Junior College does not offer a degree and the expression, "leading to a degree" refers, of course, to further study at a senior college.

#### Freshman

- A. English 113, 123.....6 hrs.
  - B. History\*.....6 hrs.
  - C. Art 113, 123.....6 hrs.
  - D-1. Mathematics, or
  - D-2. Speech 113, 123.....6 hrs.
  - E-1. Foreign Language, or
  - E-2. Education 113, 123.....6 hrs.
  - F. P. E.....Credit
  - G. Orientation 101.....1 hr.
- Note: \*History 113, 123, or 183, 193, or 133, 143.

#### Sophomore

- A. English 213, 223.....6 hrs.
- B. Government 213, 223.....6 hrs.
- C-1. Education, or
- C-2. Mathematics.....6 hrs.
- D. Art.....6 hrs.
- E. Electives.....6 hrs.

#### Freshman

- A. English 113, 123.....6 hrs.
- B. Mathematics or History.....6 hrs.
- C. Science\*.....6 or 8 hrs.
- D-1. Foreign Language, or
- D-2. Speech 113, 123.....6 hrs.
- E. Electives.....6 hrs.
- F. P. E.....Credit
- G. Orientation 101A-101B.....1 hr.

Note: \*Science-Biology, Chemistry or Physics.

#### Sophomore

- A. English 213, 223.....6 hrs.
- B. Government 213, 223.....6 hrs.
- C-1. Foreign Language, or
- C-2. Speech 113, 123.....6 hrs.
- D. B. A. 214, 224.....8 hrs.
- E. Electives.....6 hrs.

## DRAMATICS AND SPEECH—LEADING TO B. A. DEGREE

### Eleventh Year

1. English 11A, 11B.....1 unit
2. Am. History 11A, 11B.....1 unit
3. Public Speaking 11A, 11B.....1 unit
4. Plane Geometry 11A, 11B.....1 unit
5. P. E.....Credit
6. Forum.....Credit

### Twelfth Year

1. English 12A, 12B.....1 unit
- 2a. Civics, or
- 2b. Sociology 12B, or
- 2c. Economics 12B.....1 unit
- 3a. Art 11A, 11B, or
- 3b. Foreign Language.....1 unit
4. Elective.....1 unit
5. P. E.....Credit
6. Forum 12A, 12B.....Credit

## PRE-LAW—LEADING TO L. L. B. DEGREE

### Eleventh Year

1. English 11A, 11B.....1 unit
2. Am. Hist. 11A, 11B.....1 unit
3. Plane Geometry 11A, 11B.....1 unit
4. Spanish.....1 unit
5. P. E. 11A-11B.....Credit
6. Forum 11A-11B.....Credit

### Twelfth Year

1. English 12A, 12B\*.....1 unit
2. Pub. Speaking, 11A, 11B.....1 unit
3. Civics.....½ unit
4. Sociology 12B.....½ unit
5. Spanish.....1 unit
6. P. E.....Credit
7. Forum 12A-12B.....Credit

**Note:** \*Journalism 12A-12B or Speech 11A-11B may be substituted for English 12A, 12B with the approval of the Dean.

### Freshman

- A. English 113, 123.....6 hrs.
- B. Speech 113, 123.....6 hrs.
- C. Mathematics or History.....6 hrs.
- D. Foreign Language.....6 hrs.
- E. Electives.....6 hrs.
- F. P. E.....Credit
- G. Orientation 101A-101B.....1 hr.

### Sophomore

- A. English 213, 223\*.....6 hrs.
- B. Dramatics 183.....3 hrs.
- C. Government 213, 223.....6 hrs.
- D. Science \*\* or Math.....6 or 8 hrs.
- E. History \*\*\* or Economics.....6 hrs.
- F. Electives.....6 hrs.

**Note:** \*Journalism may be substituted for English 223 with Dean's approval.  
 \*\*Science-Biology, Chemistry or Physics.  
 \*\*\*History 113-123, 183, 193, or 133, 143.

### Freshman

- A. English 113, 123.....6 hrs.
- B-1. Mathematics, or
- B-2. Speech 113, 123.....6 hrs.
- C. Science\*.....6 or 8 hrs.
- D. History\*\*.....6 hrs.
- E. Foreign Language.....6 hrs.
- F. P. E.....Credit
- G. Orientation 101A-101B.....1 hr.

**Note:** \*Science, Biology, Chemistry, or Physics, \*\*History 113-123, 183, or 193, or 133, 143.

### Sophomore

- A. English 213, 223\*.....6 hrs.
- B. Mathematics or Speech.....6 hrs.
- C. Government 213, 223.....6 hrs.
- D-1. B. A. 214, 224, or
- D-2. Economics 213, 223.....6 or 8 hrs.
- E. Electives.....6 hrs.

**Note:** \*Speech or Journalism may be taken in place of English 223. However, most senior colleges require 12 hours of English for graduation.

## EDUCATION—LEADING TO B. ED. DEGREE

### Eleventh Year

1. English 11A, 11B.....1 unit
2. Am. History 11A, 11B.....1 unit
3. Plane Geometry 11A, 11B.....1 unit
4. Spanish.....1 unit
5. P. E.....Credit
6. Forum 11A, 11B.....Credit

### Twelfth Year

1. English 12A, 12B.....1 unit
- 2a. Civics, or
- 2b. Sociology 12B, or
- 2c. Economics 12B, or
- 2d. Texas History 11B.....1 unit
3. Spanish.....1 unit
4. Elective.....1 unit
5. P. E.....Credit
6. Forum 12A, 12B.....Credit

### Freshman

- A. English 113, 123.....6 hrs.
- B-1. Science\*, or
- B-2. Mathematics.....6 or 8 hrs.
- C. Foreign Language.....6 hrs.
- D. Ed. 113, 123.....6 hrs.
- E. P. E.....Credit
- F. Orientation 101A-101B.....1 hr.

**Note:** \*Science-Biology, Chemistry or Physics.

### Sophomore

- A. English 213, 223\*.....6 hrs.
- B. Government 213, 223.....6 hrs.
- C. Education 213, 223.....6 hrs.
- D. History\*\*.....6 hrs.
- E. Electives.....9 hrs.

**Note:** \*Journalism may be substituted for English 223. \*\*History 113-123, or History 183, 193, or 133, 143.

## INDUSTRIAL ARTS—LEADING TO B. S. DEGREE

### Eleventh Year

1. English 11A, 11B.....1 unit
2. Am. Hist. 11A, 11B.....1 unit
3. Plane Geometry 11A, 11B.....1 unit
4. Shop or Agriculture.....1 unit
5. P. E.....Credit
6. Forum 11A, 11B.....Credit

### Twelfth Year

1. English 12A, 12B.....1 unit
- 2a. Physics, or
- 2b. Mathematics.....1 unit
3. Shop or Agriculture.....1 unit
4. Electives.....1 unit
5. P. E.....Credit
6. Forum 12A-12B.....Credit

### Freshman

- A. English 113, 123.....6 hrs.
- B. Mathematics.....6 hrs.
- C. Science\*.....6 or 8 hrs.
- D. Ag. 113, 123 or Shop 153, 163.....6 hrs.
- E. Electives.....6 hrs.
- F. P. E.....Credit
- G. Orientation 101A-101B.....1 hr.

**Note:** \*Science-Biology, Chemistry, or Physics.

### Sophomore

- A. English 213, 223.....6 hrs.
- B. Government 213.....6 hrs.
- C. Science\*.....6 or 8 hrs.
- D. Shop.....6 hrs.
- E. Electives.....9 hrs.

**Note:** \*Science-Biology, Chemistry, or Physics.

**PRE-MEDICAL—LEADING TO M. D. DEGREE**

**Eleventh Year**

- 1. English 11A, 11B .....1 unit
- 2. Am. Hist. 11A, 11B.....1 unit
- 3. Spanish 11A, 11B\*.....1 unit
- 4. Plane Geometry 11A, 11B.1 unit
- 5. P. E. ....Credit
- 6. Forum 11A, 11B ..... Credit

**Note:** \*Students may begin language in tenth grade.

**Twelfth Year**

- 1. English 12A, 12B\*.....1 unit
- 2a. Civics, or
- 2b. Texas History 11B, or
- 2c. Economics 12B, or
- 2d. Sociology 12B.....1 unit
- 3. Spanish 12A- 12B.....1 unit
- 4. Chemistry 11A, 11B.....1 unit
- 5. P. E. ....Credit
- 6. Forum 12A, 12B.....Credit

**Note:** \*Substitution may be made on approval of the Dean.

**MUSIC—LEADING TO BACHELOR OF MUSIC DEGREE**

**Eleventh Year**

- 1. English 11A, 11B .....1 unit
- 2. Am. Hist. 11A, 11B.....1 unit
- 3. Plane Geometry 11A, 11B.1 unit
- 4. Spanish 11A, 11B.....1 unit
- 5. Music .....Credit
- 6. P. E. ....Credit
- 7. Forum 11A, 11B.....Credit

**Twelfth Year**

- 1. English 12A, 12B\*.....1 unit
- 2a. Civics 12A, or
- 2b. Sociology 12B, or
- 2c. Economics 12B, or
- 2d. Texas History 12A .....1 unit
- 3. Spanish 12A, 12B.....1 unit
- 4. Elective .....1 unit
- 5. Music .....Credit
- 6. P. E. ....Credit
- 7. Forum 12A, 12B .....Credit

**Note:** \*English 12 may be dropped and another subject elected with approval of the Dean.

**Freshman**

- A. English 113, 123 ..... 6 hrs.
- B. Biology 113, 123 .....6 hrs.
- C. Mathematics or History... 6 hrs.
- D. Foreign Language.....6 hrs.
- E. Chemistry .....8 hrs.
- F. P. E.....Credit
- G. Orientation 101A-101B ..... 1 hr.

**Sophomore**

- A. English 213, 223 .....6 hrs.
- B. Government 213, 223.....3 hrs.
- C. Science.....6 or 8 hrs.
- D-1. Speech 113, 123, or
- D-2. History 183, 193.....6 hrs.
- E. Electives .....9 hrs.

**Note:** \*History 113-123, History 183, 193, or 133, 143. \*\*Science-Biology, Chemistry or Physics.

**Sophomore**

- A. English 213, 223\*.....6 hrs.
- B. Government 213, 223\*\*.....6 hrs.
- C. Music .....6 hrs.
- D. Electives .....12 hrs

**Note:** \*Journalism may be substituted for English 223. \*\*Six hours of Government are required for A. A. diploma.

**HOME ECONOMICS—LEADING TO B. S. DEGREE**

**Eleventh Year**

- 1. English 11A, 11B.....1 unit
- 2. Am. History 11A, 11B.....1 unit
- 3. Homemaking 11A, 11B.....1 unit
- 4. Plane Geometry 11A, 11B.1 unit
- 5. P. E. ....Credit
- 6. Forum .....Credit

**Twelfth Year**

- 1. English 12A, 12B.....1 unit
- 2. Foreign Language.....1 unit
- 3. Homemaking 12A, 12B.1 unit
- 4a. Art, or
- 4b. Social Science.....1 unit
- 5. P. E. ....Credit
- 6. Forum 12A, 12B.....Credit

**PRE-ENGINEERING—LEADING TO B. S DEGREE**

**Eleventh Year**

- 1. English 11A, 11B.....1 unit
- 2. Am. History 11A, 11B .....1 unit
- 3. Physics or Chemistry.....1 unit
- 4. Algebra\* .....1 unit
- 5. Mechanical Drawing.....1 unit
- 6. P. E. 11A, 11B.....Credit
- 7. Forum 11A, 11B.....Credit

**Note:** \*Consult tenth grade curricular offerings.

**Twelfth Year**

- 1. English 12A, 12B.....1 unit
- 2. Pub. Speaking 11A, 11B.1 unit
- 3. Physics or Chemistry.....1 unit
- 4a. Solid Geometry and
- 4b. Trigonometry 12A.....½ unit
- 5a. Texas History 11B, or
- 5b. Civics, or
- 5c. Sociology 12B, or
- 5d. Economics 12B.....½ unit
- 6. P. E. 12A, 12B.....Credit
- 7. Forum 12A, 12B .....Credit

**Freshman**

- A. English 113, 123.....6 hrs.
- B-1. Chemistry, or
- B-2. Biology.....6 or 8 hrs.
- C-1. Mathematics, or
- C-2. Foreign Language.....6 hrs.
- D. Education .....6 hrs.
- E. H. Ec.....6 hrs.
- F. P. E.....Credit
- G. Orientation .....1 hr.

**Sophomore**

- A. English 213, 223.....6 hrs.
  - B. Government 213, 223.....6 hrs.
  - C-1. History\*, or
  - C-2. Economics .....6 hrs.
  - D. Electives .....12 hrs.
  - E. H. Ec.....6 hrs.
- Note:** \*History 113, 123, or History 183, 193, or 133, 143.

**Freshman**

- A. English 113, 123.....6 hrs.
- B. Algebra 113.....3 hrs.
- C. Trigonometry 123\*.....3 hrs.
- D. M. D. 112, 121.....3 hrs.
- E-1. Speech 113, 123, or
- E-2. History or E. P. 113 ..... 6 hrs.
- F. Analytics 114.....4 hrs.
- G. Chemistry 114, 124.....8 hrs.
- H. P. E.....Credit
- I. Orientation 101A-101B.....1 hr.

**Note:** Engineering students take Algebra 113 and Trigonometry 123 during fall term.

**Sophomore**

- A. English 213, 223.....6 hrs.
- B. Government 213, 223\*.....6 hrs.
- C. Calculus 214, 224.....8 hrs.
- D. D. Geometry 183 or E. P. 3 hrs.
- E. Physics 184-194.....8 hrs.
- F. Electives .....2 hrs.

**Note:** \*Six hours of Government are required for A. A. Diploma.

## V. COURSES OFFERED

**Note:** The numbers which appear in parenthesis indicate the following:  
 (1) The number in parenthesis after the course number is the original number the course was given in the **first catalogue**.  
 (2) The numbers at the end of the line, in each case, indicate the lecture dash laboratory or practice hours.

### AGRICULTURE

- Ag. 113, **General Animal Husbandry**. (3-2)
- Ag. 123, **Fundamentals of Crop Production**. (3-2)

### BUSINESS ADMINISTRATION AND BUSINESS EDUCATION

- T. 153 (113), **Beginning Typing**. (2-2)
- T. 162, **Intermediate Typing for Adult Students**. (2-1)
- T. 163 (123), **Intermediate Typing**. (3-1)
- T. 273 (213), **Advanced Typing**. (3-0)
- Shd. 153, 163, (113-123), **Beginning and Intermediate Shorthand**. (2-2)
- Shd. 213, **Advanced Shorthand**. (3-0)
- Mach. 182, 192, **Business Machines**. (2-0)
- S. Pr. 223, **Secretarial Practice**. (2-2)
- G. M. 153, (113), **General Business Mathematics**. (3-0)
- B. Eng. 153, **Business English**. (3-0)
- Law 163, **Business Law** (3-0)
- Acc. 153, **Elementary Accounting**. (2-2)
- Acc. 163, **Elementary Accounting**. (2-2)
- Acc. 173, **Tax and Payroll Accounting**. (3-0)
- Math. 193, **Mathematics of Finance**. (3-0)
- B. A. 214-224, **Accounting**. (3-3)
- Acc. 233, (223), **Cost Accounting**. (3-0)
- Bkkg. 173, **Elements of Bookkeeping**. (3-0)

### DEPARTMENT OF EDUCATION AND PSYCHOLOGY

- Ed. 113, **Introduction to Educational Psychology**. (3-0)
- Ed. 123, **Methods in Elementary School Subjects**. (3-0)
- Ed. 213, **Child Psychology**. (3-0)
- Ed. 223, **Secondary Education**. (3-0)
- Psy. 213, **General Psychology**. (3-0)
- O. 101, **College Orientation**. (1-0)
- Ed. 183 (233), **Health Education**. (3-0)
- Ed. 223, **The Elementary School Child**. (3-0)

## TERMINAL—LEADING TO TERMINAL EDUCATION CERTIFICATE

### Eleventh Year

1. English 11A, 11B.....1 unit
2. American Hist. 11A, 11B.1 unit
3. Shop, Commercial,  
H. E., or Ag.....2 units
4. P. E.....Credit
5. Forum, 11A, 11B.....Credit

### Freshman

- A. English 113, 123.....3 hrs.
- B. History or Speech.....6 hrs.
- C. Shop, Bus. Ed., or Ag.12 hrs.
- D-1. Foreign Language, or
- D-2 Mathematics .....6 hrs.
- E. Elective .....3 hrs.
- F. P. E.....Credit
- G. Orientation 101A, 101B.1 hr.

### Sophomore

- A. Electives .....6 hrs.
- B-1. Science\*, or
- B-2. Education 113 and  
Psy. 213.....6 or 8 hrs.
- C. Industrial Arts, H.  
Economics, Business Edu-  
cation, or Ag. Courses.12 hrs.
- D. Hist. or Government.....6 hrs.

**Note:** \*Speech may be substituted for English 12.

**Note:** \*Science-Biology, Chemistry, or Physics.

## LEADING TO TERMINAL EDUCATION CERTIFICATE

### GENERAL EDUCATION

#### Eleventh Year

1. English 11A, 11B.....1 unit
2. American Hist. 11A, 11B.1 unit
3. Electives .....2 units
4. P. E.....Credit

#### Freshman

- A. English 113, 123.....6 hrs.
- B. History, Speech, or Foreign  
Language .....6 hrs.
- B. Electives .....18 hrs.
4. O. 101A-101B.....1 hr.

- #### Twelfth Year
1. English 12A, 12B,  
or Speech.....1 unit
  2. Social Science.....1 unit
  3. P. E.....Credit
  4. Electives .....2 units

#### Sophomore

- A. Government 213, 223\*.....6 hrs.
  - B. Electives .....27 hrs.
- \*6 hours recommended.

## DEPARTMENT OF ENGLISH

- E. 113, Composition and Rhetoric. (3-0)
- E. 123, Composition and Rhetoric. (3-0)
- E. 213, Survey of Literature, Part I. (3-9)
- E. 223, Survey of Literature, Part II. (3-0)
- S. 113, 123, Fundamentals of Speech. (3-0)
- S. 181, Theatre Activities. (1-2)
- S. 191, Forensic Activities. (1-2)
- J. 113, Introduction to Journalism. (2-2)
- J. 123, Writing and Reporting. (1-5)
- J. 153, News Reporting. (2-2)
- Dr. 183, Dramatic Arts. (3-0)

## DEPARTMENT OF FINE ARTS

- Mu. 114-124, Harmony and Ear Training. (5-0)
- A.M. 111 or 121, 211 or 221, Applied Music. (1-0)
- A.M. 112, 122, 212, 222, Applied Music. (2-0)
- A.M. 113, 123, 213, 223, Applied Music. (3-0)
- Mu. 112S, Study of Strings. (1-2)
- Mu. 122B, Study of Percussion. (1-2)
- Mu. 112R. 182R, Study of Reeds. (1-2)
- Mu. 192Br, Study of Brasses. (1-2)
- Harp 112, 122, Study for Harp Majors. (2-0)
- Choir 111, 121, 211, 221, A Cappella Choir. (2-2)
- Choir 112, 122, 212, 222, A Capella Choir. (3-2)
- Piano 112, 122, Study for Piano Majors. (2-0)
- Mu. 112, 122, Dance Band. (1-2)
- Mu. 113, 123, Music Appreciation. (3-0)
- Piano 212, 222, Study for Piano Majors. (2-0)
- Organ 112, 122, Study for Organ Majors. (2-0)
- Organ 212, 222, Study for Organ Majors. (2-0)
- Harp 212, 222, Study for Harp Majors. (2-0)

- Clar. 113, 123, 213, 223, Study of Clarinet. (3-0)
- Band 111, 121, 211, 221, College Band. (1-4)
- Art 113-123, Design. (3-3)
- D.P. 213, 223, Drawing and Painting. (3-3)
- C.A. 153, Commercial Art. (2-4)
- Art 103A-103B, Watercolors. (2-4)
- Art 163, Interior Design. (2-4)
- Art 183, 193, Art for Elementary Teachers. (2-4)
- Art 233, 243, Pictorial Composition. (3-3)
- F.P. 133A-133B, Freehand Perspective. (1-2)
- A.P. 253, 263, Advanced Painting. (3-3)

## DEPARTMENT OF HOME ECONOMICS

- Cl. 113, Textiles and Clothing. (1-4)
- Cl. 123, Textiles and Clothing. (1-4)
- Foods 183, 193, Food and Nutrition. (1-4)
- F.R. 133, Family Relations. (3-0)

## DEPARTMENT OF INDUSTRIAL ARTS

- W.W. 153, General Woodworking. (1-4)
- W.W. 163, Cabinet Making. (1-4)
- W.W. 183, 193, Advanced Cabinet Making. (1-4)
- M.S. 153, 163, Machine Shop. (1-4)
- M.S. 183, Advanced Machine Shop. (1-4)
- M.S. 194, Problems In Machine Shop. (1-4)
- E.D. 113, Engineering Drawing. (3-6)
- A.D. 132, 141, Architectural Drawing. (3-6)
- G.A.M. 183, General Automotive Mechanics. (2-2)

## DEPARTMENT OF FOREIGN LANGUAGE

- Span. 153, 163, Elementary College Spanish. (3-0)
- Span. 114-124, Beginners' Spanish (3-2)
- Span. 183-193, Spanish Grammar and Composition. (3-0)
- Fr. 153-163, Elementary French. (3-0)
- Fr. 183-193, French Composition and Grammar. (3-0)

## VI. DESCRIPTION OF COURSES

### DEPARTMENT OF MATHEMATICS

- Alg. 113, College Algebra for Engineers. (3-0)
- Trig. 123, Plane Trigonometry. (3-0)
- An. 114, Analytic Geometry. (4-0)
- Cal. 215, Differential Calculus. (3-2)
- Cal. 225, Integral Calculus. (3-2)
- Alg. 133, College Algebra. (3-0)
- E.P. 113, Engineering Problems. (3-0)

### DEPARTMENT OF PHYSICAL EDUCATION

- P.E. 111, 121, Physical Education for Women. (1-1)
- Ed. 183, Health Education (see Dept. of Education). (3-0)
- P.E. 131, 141, Physical Education for Men. (1-1)
- P.E. 211, 221, Advanced Physical Education for Women. (1-1)
- P.E. 231-231, Advanced Physical Education for Men. (1-1)

### DEPARTMENT OF SCIENCE

- B. 104, Survey of Biology. (3-3)
- B. 113-123, General College Biology. (3-3)
- Chem. 114,-124, General Inorganic Chemistry. (3-4)
- Chem. 113-123, General Chemistry. (3-3)
- Phy. 184-194, General Physics. (3-4)
- Phy. 133, 143, Elementary Physics. (3-3)

### DEPARTMENT OF SOCIAL SCIENCE

- H. 113-123, History of Western Civilization. (3-0)
- H. 183 (213), The United States to 1865. (3-0)
- H. 133, 143, History of the Americas. (3-0)
- H. 193, The United States Since 1865. (3-0)
- H. 203, History of Texas to 1865. (3-0)
- H. 163, Current History and Public Affairs. (3-0)
- Govt. 213, American National Government. (3-0)
- Govt. 223, American State Government. (3-0)
- Govt. 233, Constitutions. (3-0)
- Eco. 183, Principles of Economics. (3-0)
- Eco. 193, Economic Problems. (3-0)

### 1. THE DEPARTMENT OF AGRICULTURE

Ag. 113 General Animal Husbandry. (Credit: 3 semester hours.)

An introductory survey course intended to acquaint the student with the importance of livestock and livestock farming in the United States and Texas. A study of the types and breeds; market classes and grades of such animals as beef cattle, swine, goats, horses, and mules; attention will be given to breeding, judging, care and management.

Ag. 123, Fundamentals of Crop Production. (Credit: 3 semester hours)

Course designed to meet the needs of majors in Agriculture. Classification and distribution of farm crops; importance of good varieties and good seed. Crop improvement; preparation of seed beds; the use of commercial fertilizers, manure and lime; seeding practices; proper tillage; harvesting; crop rotation; disease and insect enemies.

## 2. THE DEPARTMENT OF BUSINESS ADMINISTRATION

### T. 153 (113). **Beginning Typing.** (Credit: 3 semester hours.)

Exercises planned to develop a proper wrist and finger movement leading to complete mastery of the keyboard by the touch method. Attention given to accuracy and concentration. Special effort made to attain speed at the typewriter. Practice in letter writing, use of carbon paper and miscellaneous typing. Minimum requirement of 30 credit words per minute **must be maintained.**

Two hours of lecture and two hours of practice per week.

### T. 162, **Intermediate Typing for Adult Students.** (Credit: 2½ semester hours.)

This course is a continuation of T. 153. Special emphasis will be placed on letter writing, tabulations, report forms, and accuracy exercises. Minimum requirement of 40 words per minute on a five-minute speed test. Class meets two hours per week for instruction and in addition, each member must spend at least one hour on laboratory work. Prerequisite: Typing skill of at least 20 words per minute or T. 153.

### T. 163 (123). **Intermediate Typing.** (Credit: 3 semester hours.)

Basic skills, rhythm, accuracy, speed, tabulation, letter and report forms are stressed. Minimum requirements of 40 words per minute on 10 minute speed test. Prerequisite: T. 153 or one year of high school typing.

### T. 273 (213).. **Advanced Typing.** (Credit: 3 semester hours.)

Additional training is given in letter writing, filing business papers, tabulation, stencil cutting, creation of office atmosphere. Minimum requirement of 60 credit words per minute for 15 minute speed test is maintained. Prerequisite: T. 153-163 or their equivalent.

### Shd. 153 (113). **Beginning Shorthand.** (Credit: 3 semester hours.)

Planned for beginners of Gregg System. Aims at mastery of the principles of Gregg shorthand and with drills in the correct formation of work outlines and phrase forms; the study of word signs, phrasing dictation, transcription, and speed building. Two lecture and two laboratory hours per week.

### Shd. 163 (123). **Intermediate Shorthand.** (Credit: 3 semester hours.)

Continuation of Shorthand 153. Speed dictation of 80 words required. Prerequisite: Shorthand 153.

### Shorthand 213. **Advanced Shorthand.** (Credit: 3 semester hours.)

Improvement of shorthand speed and office efficiency through practice. Further emphasis is given to widening vocabulary. Accurate transcription is stressed. Three hours lecture plus practice. Prerequisite: Shd. 153-163 or their equivalent.

### Math. 182 (212), 192. **Business Machines.** (Credit: 2 or 4 semester hours.)

Course designed to familiarize students with the various machines in the business office: calculator, adding machine, comptometer, bank posting mimeograph, and dictaphone. Prerequisite: Six hours of credit in business administration or business education courses. Open to freshmen with consent of the instructor.

### S. Pr. 223, **Secretarial Practice.** (Credit: 3 semester hours.)

Shorthand review and high-speed dictation; personality in the office, office practice and routine; store and office visitations; filing. A study will be made of secretarial occupations, and handling of mail, general office duties and secretarial personality. Dictation increased to 95-120 words per minute. Two lecture-laboratory and two practice hours per week for 1 semester. Prerequisite: Shd. 153-163 or their equivalent.

### Bkkg. 173, **Elements of Bookkeeping.** (Credit: 3 semester hours.)

Journalizing, posting, adjusting and closing entries, work sheet, and financial statements. Prerequisite for accounting for those students who have not had previous bookkeeping knowledge. Three hours per week for 18 weeks.

### G. M. 153 (113). **General Business Mathematics.** (Credit: 3 semester hours.)

Rapid review of business arithmetic, fundamental processes; application to business in general. Study of payrolls, trade and cash discount, profit and loss, simple interest, bank discount, depreciation, social security, taxes. Three lecture hours per week for 18 weeks.

### Math. 193. **Mathematics of Finance.** (Credit: 3 semester hours.)

Basic principles of finance, developed from an algebraic standpoint. Simple interest and bank discount, review of algebraic fundamentals necessary to problem solution, arithmetic progressions and short-term installment buying, logarithms, geometric progressions and their application to compound interest problems, annuities, sinking funds, amortization, long-term installment buying, bonds, and annuities due. Emphasizes practical aspects of mathematics. May be taken in place of trigonometry by students who desire no further course in mathematics. Three hours per week for 18 weeks. Prerequisite: Algebra 113 on consent of the instructor.

### E. Eng. 153. **Business English.** (Credit: 3 semester hours)

This course gives practice in the use of correct and forceful English in writing business letters and reports. It is preferable to take this course after taking English 113.

**Law. 163. Business Law.** (Credit: 3 semester hours.)

Principles of law, of contracts applicable to bailments innkeepers, carriers, sales, partnerships, corporation, property, deeds, mortgages, landlord and tenant, torts and business crimes. Three hours of lecture. Prerequisite: Six hours of credit in business administration or business education on the consent of instructor.

**Acc. 153. Elementary Accounting.** (Credit: 3 semester hours.)

This course is open to Freshmen students. Accounting 153-163 may be substituted for Accounting 214. Fundamentals of accounting theory and practice in relation to single proprietorships. Application of principles by problems and practice set. Students desiring to transfer college credit should register for Acc. 224. four lecture-laboratory hours per week.

**Acc. 163. Elementary Accounting.** (Credit: 3 semester hours.)

Continuation of Accounting 153. Fundamentals of accounting theory and practice in relation to partnerships and corporations. Prerequisite: Accounting 153 or its equivalent.

**Acc. 173. Tax and Payroll Accounting.** (Credit: 3 semester hours.)

Social security taxes, unemployment compensation, federal and state returns, recording of payments. Three hours per week for 18 weeks. Prerequisite: Consent of instructor.

**B.A. 214-224. Accounting.** (Credit: 8 semester hours.)

This course is designed to meet the requirements of business administration majors who plan to transfer work to a senior college. The analysis and recording of business transactions; a study of the accounting equation, business papers, ledgers, books of original entry, classification and interpretation of accounts and financial statements, adjusting and closing entries, sole proprietorship and partnership accounting; and simple corporation accounting. Six hours of lecture and laboratory per week for thirty-six weeks. Prerequisite: sophomore standing.

**Acc. 233 (223) Cost Accounting.** (Credit: 3 semester hours.)

An introductory course, emphasizing the accounting for materials, labor and manufacturing expenses. Special attention to procuring, pricing, storing, issuing, and inventorying of materials; labor cost, wage plans, and social security taxes. Three hours lecture and laboratory. Prerequisite: Accounting 153-163 or 214.

### 3. THE DEPARTMENT OF EDUCATION AND PSYCHOLOGY

**Ed. 113. Introduction to Educational Psychology.** (Credit: 3 semester hours.)

A course dealing with the applications of the principles of psychology to the training of children. A background to all other courses in education. Important aspects are: mental and physical growth of children, pupil interest, social development, individual differences, abnormal behavior, learning, measurements of units, capacities, and achievement. Open to freshman students.

**Ed. 123. Methods in Elementary School Subjects.** (Credit: 3 semester hours.)

A course dealing with the aims and procedures in teaching the subjects of the elementary curriculum. Prerequisite: Education 113.

**Ed. 213. Child Psychology.** Credit: 3 semester hours.)

A study of the child, his nature, and his needs as a basis for understanding the child and for methods of training him; special emphasis upon the study of adolescence. Prerequisite: sophomore standing.

**Ed. 223. Introduction to Secondary Education** (Credit: 3 semester hours.)

Survey of the history and development, organization, and administration of the modern secondary school. Prerequisite: Education 113 and sophomore standing.

**Psy. 213. General Psychology.** (Credit: 3 semester hours.)

A first course in general psychology. It is designed to give the student a broad view of the field and to acquaint him with the fundamental laws of behavior that have to do with daily conduct in various life situations. Topics include: Motivation, learning, thinking, and life adjustments. Prerequisite: sophomore standing.

**O. 101. College Orientation.** (Credit: 1 semester hour.)

The first four weeks are devoted to general orientation to the college, library usage, preparing term papers, course selection, etc. During the last 14 weeks the topics are: Vocational Planning, Personal and Social Adjustment, and Marriage and Family living will be taken up. Specialists in each field will have charge of the class.

**Ed. 183 (233). Health Education:** (Credit: 3 semester hours.)

This course is designed primarily for prospective school teachers. A brief period is devoted to health and hygiene, with a careful study of anatomy and personal hygiene. The major part of the course deals with methods and materials in health education. The following units are worked in the library and in the classroom: Care of the body, health examination, records, clothing, care of building and equipment, sanitation, buildings, equipment, curriculum, programs, control of communicable diseases, teaching methods and correlation, first aid, safety, and health materials to be used in each grade. Prerequisite: sophomore standing and Education 113.



Ed. 233. The Elementary School Child. (Credit: 3 semester hours.)

Principles underlying the development of the elementary school child. This course will emphasize physiological, sociological growth of the child and the meeting of the problems incident upon that growth. Prerequisite: 3 hours of education. Three hours per week for 18 weeks.

#### 4. THE DEPARTMENT OF ENGLISH

##### ENGLISH

E. 113. **Composition and Rhetoric.** (Credit: 3 semester hours).

This course aims to promote clearness and correctness of expression through practice in writing. It includes a review of the fundamentals of the technique of all prose writing.

E. 123. **Composition and Rhetoric.** (Credit: 3 semester hours).

Continuation of English 113. This course consists of the study of exposition, description, and narration as forms of prose composition, and practice in writing each. Outside reading from standard authors supplements the theme work. English 113 and 123 are required for an Associate In Arts Diploma. Prerequisite: English 113.

E. 213. **Survey of Literature.** (Credit: 3 semester hours).

This course is a study of masterpieces of literature of the classical, romantic, and realistic styles. An effort will be made to share through literature some of the ideas which have shaped our cultural heritage and to show how these ideas in literature are related to those expressed in other arts. Collateral reading, oral reports, and themes will be required. Individual conferences will be held. Prerequisite: English 113 and 123 and sophomore standing.

E. 223. **Survey of Literature.** (Credit: 3 semester hours.)

This course is a continuation of English 213. The study includes symbolistic, realistic, naturalistic, impressionistic and expressionistic styles of literature. Collateral reading, oral reports, and themes will be required. Individual conferences will be held. Prerequisite: English 213.

##### SPEECH

Sp. 113, 123. **Fundamentals of Speech.** (Credit: 6 semester hours).

These courses may be taken separately. Speech 113 is a prerequisite for Speech 123. The first semester consists of the study of vocal mechanism and the techniques of voice control; the improvement of articulation and pronunciation; the importance of speech as an aid in social adjustment; the study of the use of bodily action and its importance in relation to speech; vocabulary development; and a brief study of common speech defects and their correction. The second semester is devoted to the study of the techniques of public speaking and the types and organization of public speeches. It is recommended that students have credit for high school Speech before entering this college course.

##### DRAMATICS AND JOURNALISM

Dr. 183. **Dramatic Arts.** (Credit: 3 semester hours).

Fundamentals of the art of drama; a study of dialogue, interpretation, and characterization; a study of the fundamentals of make-up

and the types and organization of public speeches. It is recommended Vocational Planning, Personal and Social Adjustment, and Marriage and Family living will be taken up. Specialists in each field will have charge of the class.

and costuming; technical elements of production; history of the development of the drama; significance and aspects of present-day theatre.

**S.181. Theatre Activities.** (Credit: 1 semester hour.)

Students are given the opportunity to participate in an extensive manner in theatre activities. Student must complete activities in at least two of these areas: make-up, costuming, acting in a play, student direction, and stage settings.

**S. 191. Forensic Activities.** (Credit: 1 semester hour.)

Students at Alvin Junior College who wish to do so may enroll for forensic activities and secure credit, provided that the student has applied himself extensively in one or more of these areas: speaking in public, radio work, and debate.

**J. 113. Introduction to Journalism.** (Credit: 3 semester hours.)

This course is designed to serve as an introduction to the general field of journalism. Course material includes: principles of communication, organization and history of various journalistic media, explanation of news, analysis of reader interests, and introduction to reporting and writing.

**J. 123. Writing and Reporting.** (Credit: 3 semester hours.)

This as a second course in journalism, continuing the study begun in J. 113. Students will cover this material in the course: professional obligations of the newspaper to the community, the fundamentals of news writing and news gathering, the newspaper lead, with practice in writing and rewriting leads, types of news stories, with practice in writing the obituary, accident and fire stories, speech stories, and the interview. Student must work at least 6 hours per week on material for this course.

**J. 153. News Reporting.** (Credit: 3 semester hours.)

This course is designed to aid adults who may have responsibilities as club reporters, employees of business houses which use publicity, or owners of a business. Course meets for two lecture and two laboratory-practice hours per week per semester.

## 5. THE DEPARTMENT OF FINE ARTS

### ART

**Art. 103A, 103B. Watercolors.** (Credit: 3 semester hours.)

This is a special art course intended for both the general student and the prospective major. Subject matter unrestricted; individual and group criticisms. Prerequisites: Art 113 or the approval of the instructor. When the course is given with 3 hours of lecture and 3 hours of laboratory per semester, students will register for Art 103, **Watercolors.**

**Art 113-123. Design.** (Credit: 6 semester hours.)

A two semester course giving laboratory practice as an introductory contact with the nature and practice of art together with basic knowledge and skills in design, color, and drawing.

Topics: Problems in design; lettering; color; drawing, and painting. pencil, pen and ink, colored chalk, pastel, watercolor, tempera; textiles; linoleum blockprinting; wood and plaster carving; metal modeling; leather tooling. Required course for art majors. Elective course for non-art majors and needs no prerequisite. Three lectures and three laboratory periods per week. Course runs for full 36 weeks.

**C. A. 153. Commercial Art.** (Credit: 3 semester hours.)

A practical course designed to refine lettering skills and to develop the special skills and techniques involved in commercial poster layouts. No prerequisite required. Two one-hour lecture periods and four one-hour laboratory periods per week.

**Art 163. Interior Design.** (Credit: 3 semester hours.)

An introductory course in home decoration with emphasis on good taste in the use of color, design, furniture, and accessories. Two one-hour lectures and four laboratory periods per week for 18 weeks. No prerequisite.

**Art. 183, 193. Art for Elementary Majors.** (Credit: 3 semester hours each.)

A two semester course in techniques of teaching art in the elementary grades.

Topics: Problems involving art lesson plans with laboratory practice in utilizing them in a classroom teaching situation. No prerequisite. Two hours lecture and four hours laboratory per week for 36 weeks.

**D. P. 213, 223. Drawing and Painting.** (Credit: 3 semester hours each.)

A laboratory course in oil painting. Class will meet for six lecture-laboratory hours per week. Course runs for the full 36 weeks. Prerequisite: D. P. 213 is a prerequisite to D. P. 223, and consent of instructor.

and the types and organization of public speeches. It is recommended Vocational Planning, Personal and Social Adjustment, and Marriage and Family living will be taken up. Specialists in each field will have charge of the class.

and costuming; technical elements of production; history of the development of the drama; significance and aspects of present-day theatre.

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This as a second course in journalism, continuing the study begun in J. 113. Students will cover this material in the course: professional obligations of the newspaper to the community, the fundamentals of news writing and news gathering, the newspaper lead, with practice in writing and rewriting leads, types of news stories, with practice in writing the obituary, accident and fire stories, speech stories, and the interview. Student must work at least 6 hours per week on material for this course.

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An introductory course in home decoration with emphasis on good taste in the use of color, design, furniture, and accessories. Two one-hour lectures and four laboratory periods per week for 18 weeks. No prerequisite.

**Art. 183, 193. Art for Elementary Majors.** (Credit: 3 semester hours each.)

A two semester course in techniques of teaching art in the elementary grades.

Topics: Problems involving art lesson plans with laboratory practice in utilizing them in a classroom teaching situation. No prerequisite. Two hours lecture and four hours laboratory per week for 36 weeks.

**D. P. 213, 223. Drawing and Painting.** (Credit: 3 semester hours each.)

A laboratory course in oil painting. Class will meet for six lecture-laboratory hours per week. Course runs for the full 36 weeks. Prerequisite: D. P. 213 is a prerequisite to D. P. 223, and consent of instructor.

Art 233, 243. **Pictorial Composition.** (Credit: 3 semester hours each.)

A two semester course giving laboratory practice in the application of the principles of design to two-dimensional expression.

Topics: Problems in developing sketches into pictorial compositions and in acquiring the many techniques involved in use of a variety of mediums. Prerequisite: Design 113-123 or equivalent. Two hours lecture and four hours laboratory per week for 36 weeks.

F.P. 133A-133B. **Freehand Perspective.** (Credit: 3 semester hours.)

Elementary problems involving the principles of linear perspective; the achievement of the illusion of volume and space through tone and color. Three hours per week for 36 weeks.

A.P. 253, 263. **Advanced Painting.** (Credit: 3 semester hours each.)

This course follows **Drawing and Painting 213, 223** with specialization in the study of different forms of organization of the picture surface, in order to express various types of visual experience. Three lecture and three laboratory hours per week.

## MUSIC

Mu. 114-124. **Harmony and Ear Training.** (Credit: 8 semester hours.)

A study of the principal and subordinate chords and their inversions in both major and minor modes. Training in sight singing and in hearing and playing chords.

Five hours per week. Two hours per week in harmony, two hours per week in sight singing and ear training, and one hour per week in keyboard harmony. Recommended especially for music majors.

Mu. 112S. **Study of Strings.** (Credit: 2 semester hours.)

Attainment of fundamental playing on each of the following; violin, viola, cello, and bass; study of methods and materials for teaching these instruments. One hour lecture, two hours laboratory, per week.

Mu. 122B. **Study of Percussion.** (Credit: 2 semester hours.)

Attainment of rudimentary playing on each of the following: snare and bass drums, tympani, cymbals, bells, and traps; study of methods and materials for teaching these instruments; one hour lecture, two hours laboratory per week.

Mu. 112R-182R. **Study of Reeds.** (Credit: 4 semester hours.)

Attainment of fundamental playing on each of the following: flute, clarinet, saxophone, oboe, and bassoon. Study of methods and materials

for teaching these instruments. One hour lecture, two hours laboratory per week.

Mu. 129BR **Study of Cornet, French Horn, Baritone, and Bass.** (Credit: 2 semester hours.)

Attainment of fundamental playing on each instrument named above.

Piano 112, 122. **Study for Piano Majors.** (Credit: 4 semester hours.)

For piano majors. Bach, two-part inventions; a Haydn, Mozart or Beethoven Sonata; Schubert, Impromptu; Mendelssohn, Songs without Words; Debussy, Arabesques. Ability to play simple accompaniments at sight.

Piano 212, 222. **Study for Piano Majors.** (Credit: 4 semester hours.)

For piano majors. Three-part Inventions and Preludes and Fugues by Bach; Chopin, Waltzes and Nocturnes; numbers by Brahms, Prokofiev, or Scriabine. Piano majors will take two lessons per week with a minimum of three hours practice per day. Prerequisite: Piano 112 and 122.

Organ 112, 122. **Study for Organ Majors.** (Credit: 2 semester hours each.)

For organ majors. Bach little preludes and fugues; pedal studies; sight reading.

Organ 212, 222. **Study for Organ Majors.** (Credit: 2 semester hours each.)

For organ majors. Classical composition; improvisation, modulation, and sight reading. Composition by Franck, Mendelssohn, and Bach.

Organ majors will take two lessons per week with a minimum of three hours practice per day.

Harp 112, 122. **Study for Harp Majors.** (Credit: 2 semester hours each.)

For harp majors. Training in tuning and caring for the harp. Scales, arpeggios, and finger exercises; technical studies by Naderman and Bochsá; appropriate solos.

Harp 212, 222. **Study for Harp Majors.** (Credit: 4 semester hours.)

For harp majors. Etudes by Hasselmans and Bochsá; pieces by Pierne, Tournier, Hasselmans and Grandjany.

Harp majors will take two lessons per week with a minimum of three hours practice per day. Prerequisite: Harp 112, 122.

Band 111, 121, 211, 221. **College Band.** (Credit: 1 semester hour each).

Alvin Junior College Band functions as the official band for the Alvin Junior College. Tryouts are held for placement in either "A" or "B" band. Required of all band instrument majors without credit. Rehearsals: 1 hour daily, plus scheduled marching, and weekly technique classes.

Choir 112, 122, **A Cappella Choir.** (Credit: 2 semester hours each).

Same as Choir 111, et al, except that students rehearse five hours per week. Consent of instructor is required.

Choir 111, 121, 211, 221. **A Cappella Choir.** (Credit: 1 semester hour each).

Alvin A Cappella Choir functions as the official choir for the Alvin Junior College. Tryouts are held for placement in either "A" or "B" Choirs. Required of all vocal majors, without credit; open to all other students for credit. Credit for academic and non-vocal majors: one hour per semester. Not more than six semester hours may be earned in an ensemble music courses to count toward a degree or diploma. Two lecture and two practice hours per week.

A.M. 111 or 121, 211, 221. **Applied Music.** (Credit: 1 semester hour each).

Private lessons on any one of the following instruments: Organ, violin, piano, harp, clarinet, trumpet, or trombone. Student takes one lesson per week and practices one hour daily. The first letter of the name of the instrument is attached to the course letter: i.e., **A.M. 111-O** indicates lessons on the Organ. Detailed course plan is filed with the registrar at the beginning of each course and a progress chart is turned in at the end of the course.

A.M. 112, 122, 212, 222. **Applied Music.** (Credit: 2 semester hours each).

Same as A.M. 111, et al, except that the student takes two lessons per week and practices two hours per day. The first letter of the name of the instrument is attached to the course number; i.e. **A.M.112-P.** indicates lessons on the piano.

A.M. 113, 123, 213, 223. **Applied Music.** (Credit: 12 semester hours).

Three lessons per week.

Mu. 113, 123. **Music Appreciation.** (Credit: 6 semester hours.)

Acquaintance with music masterpieces and styles of compositions through study of and listening to recordings, radio broadcasts, student performances, also by attending concerts and using audio-visual aids. Analysis of the more important musical forms. Comparative study of 18th, 19th, and 20th century music. Two hours lecture and two listening hours per week.

Mu. 112, 122. **Dance Band.** (Credit: 2 semester hours).

This course follows, in general, Music 107-108 offered by North Texas State College. Improvisation is stressed. It is intended that through analysis and precept the student will acquire a knowledge of basic materials and practices which will provide a foundation for continued interest and participation in the dance band. Class meets for 1 lecture and two practice hours per week.

## 6. THE DEPARTMENT OF FOREIGN LANGUAGE

Span. 153, 163. **Beginning College Spanish.** (Credit: 6 semester hours).

While this course is definitely aimed toward proficiency in conversational Spanish, care is taken to give the student the necessary background in pronunciation, verb forms, and grammatical construction to enable him to take the following courses in Intermediate College Spanish.

Span. 114, 124, **Beginners' Spanish.** (Credit: 8 semester hours.)

This course includes essentials of grammar and translation, emphasizing accurate pronunciation, reading comprehension, and oral work. Reading prose within the first 1,000 words of Buchanan's **Spanish Word Book**, the first 110 idioms of Keniston's **Spanish Idiom List**, and mastery of text vocabulary. Student must pass test comparable to University of Texas' **Spanish 406 and 407**. Three lectures and two practice hours per week for 36 weeks.

Span. 183-193. **Intermediate College Spanish.** (Credit: 6 semester hours).

This course includes more complex grammatical points. Reading of classical and contemporary literature with a view to furthering **Good Neighbor** relationships and gaining a better understanding of international affairs.

Fr. 153,-163. **Elementary French.** (Credit: 6 semester hours).

This course is devoted to the essentials of grammar, oral and written composition, translation, and pronunciation. Fluency in reading is stressed. Course not offered 1956-57.

Fr. 183-193. **French Composition and grammar.** (Credit: 6 semester hours).

French readings, grammar, and composition based partly on a formal text and partly on selected readings. Stress will be placed on oral work. Course not offered 1956-57.

## 7. THE DEPARTMENT OF HOME ECONOMICS

### Cl. 113. Textiles and Clothing. (Credit: 3 semester hours.)

A course in elementary construction. This course is planned to help students meet simple clothing problems. Emphasis is placed on the five common textile fibers, selection of becoming and appropriate clothing, consideration of factors that influence price and suitability of fabrics for different uses.

One class and 4 laboratory periods per week.

### Cl. 123. Textiles and Clothing. (Credit: 3 semester hours.)

A continuation of clothing study that provides for developing skills in fitting, tailoring, and remodeling clothes. One class and four laboratory periods weekly. Required for homemaking majors.

### Foods 183, 193. Foods and Nutrition. (Credit: 6 semester hours.)

This course deals with nutrition and the selection, cost preparation of food, basic preparation of recipes and table service. One lecture period and four laboratory periods weekly. Required for homemaking majors.

Course may be taken for one semester only with the approval of the Dean and the Instructor.

### F.R. 133. Family Relations. (Credit: 3 semester hours.)

This course covers the relations of various members of the family to each other and the problems which arise from their relationships. Also deals with management problems related to family and social life.

## 12. THE DEPARTMENT OF SOCIAL SCIENCE

### HISTORY

### H. 113-123. History of Western Civilization. (Credit: 6 semester hours.)

History of Western Civilization is a six-semester-hour course extending through the school year. The fall semester's work in History 113 will begin with the study of man's pre-historic origins and trace the evolution of civilization to the outbreak of the Protestant Revolt in the sixteenth century. Obviously no more than an outline of man's history over a period of many centuries can be studied within the scope of one semester. This course is not only an introductory course in the field of history, but it is also the basic introduction to economics, government, sociology and geography.

### H. 183 (213). The United States to 1865. (Credit: 3 semester hours.)

European forces; Spanish and Portuguese conquest in the Americas; English, French, and Dutch beginnings; accomplishments of nationalistic groups; revolution in British colonies; War of Independence; establishment of the new nation; westward movement and frontier influence; problems of the formative period; cultural and constitutional growth; internal and international relations. This course is required for graduation from all state colleges in Texas.

### H. 193 (223). The United States Since 1865. (Credit: 3 semester hours.)

Continuation of History 183. Growth of national ideals; movement for individual freedom; party government and public interests; industrial development; labor problems and agrarian unrest; changing international policies; war and peace; problems of agriculture, business, and government; cultural progress and attempts at social cooperation; current world problems and trends. This course is required by all state colleges in Texas for graduation.

### H. 133. History of the Americas: The Colonial Period. (Credit: 3 semester hours.)

This course takes up the history of the Americas during the colonial period and early stages of the independence movement. The student is given training in social science research. These topics are included: exploration, colonization, and governments of the Spanish, Portuguese, and French settlers; Inter-American relations and the Texas Good Neighbor Commission; the Spanish heritage of the Americas; and colonial problems. Three hours per week for 18 weeks. Prerequisite: History 11.

### H. 143. History of the Americas: The National Period. (Credit: 3 semester hours.)

This survey course deals with the development of the independent states of the Americas since 1804; modern political and economic developments; Inter-American relations; Canada and the Americas; the geography of the Americas; and recent trends in cultural and political

fields in the Americas. Three hours per week for 18 weeks. Prerequisite: History 11 and, preferably, H. 133.

**H. 163. Current History and Public Affairs.** (Credit: 3 semester hours.)

Contemporary events and movements. This course is designed especially to acquaint the student with the major problems confronting the American people in both domestic and international affairs.

**H. 203. History of Texas to 1865.** (Credit: 3 semester hours.)

This is a specialized course in the history of Texas. Students will be expected to write several short term papers correctly, complete a long research paper, and pass a comprehensive examination over the material covered. Topics covered include: Spanish occupation; colonization; revolution; the Republic; annexation; the War Between the States. This course may count as 3 hours to fulfill Legislative requirement, Senate Bill 254 (1955).

### GOVERNMENT

**Govt. 213. National and State Governments.** (Credit: 3 semester hours.)

A study of the origin and development of our federal system of government; analysis of the federal and state constitutions with special attention to the Texas constitution; federal-state and inter-state relations; and special emphasis on problems of citizenship in a modern, democratic society. Three hours per week for 18 weeks. Prerequisite: Sophomore standing.

**Govt. 223. American State Government.** (Credit: 3 semester hours.)

A study of the structure and functions of state governments with special emphasis on Texas government. Also includes: studies of city government, county government, and political party organization and function as they are found in Texas; the participation of government, both federal and state, in the fields of business, labor, agriculture, social welfare, etc. Three hours per week for 18 weeks. Prerequisite: Sophomore standing.

**Govt. 233. Constitutions.** (Credit: 3 semester hours.)

European and colonial background of the United States Constitution, formation of the document, and the Constitution in operation. Constitutional history of Texas; consideration of procedures under the document and of proposals for change. Prerequisite: Sophomore standing.

### ECONOMICS AND SOCIOLOGY

**Eco. 153. Consumer Economics.** (Credit: 3 semester hours.)

How to make the most efficient use of business goods and services; and insight into buying problems such as use and evaluation of advertising; consumer financial problems such as banking, credit, personal accounting and budgeting, and installment buying. Three hours per week for 18 weeks.

**Soc. 153. Contemporary Social Problems.** (Credit: 3 semester hours.)

Preparation for well-informed participation in public affairs through objective examination of existing social arrangements and traditional social institutions. Three hours per week for 18 weeks.

**Eco. 183. Principles of Economics.** (Credit: 3 semester hours.)

A study of the basic principles of economics with emphasis on production, exchange, value, distribution, consumption, and saving; the institutions through which each of these principles operates in a capitalistic economy; industrial and business organizations; money and credit; price; wages; interest profit.

**Eco. 193. Economic Problems.** (Credit: 3 semester hours.)

A study of the economic problems arising from the interaction of economic institutions; problems of labor, finance, business cycles, international economics, governmental control; a study of the major forms of economic collectivism.

This course and Economics 183 are recommended for those who plan degrees leading to law, teaching, and business administration. Prerequisite: Economics 183.

## VII. ADULT EDUCATION

### A. OBJECTIVES

The Department of Adult Education has been created as a service department for the adults of Alvin and the surrounding territory. The prime objective of the department is to offer educational opportunities to enable adults to meet the constantly changing requirements for successful community living. A program of services in these areas is proposed:

Advanced adult academic education of a secondary and post-secondary level including technical and collegiate education.

General education in the fields of intercultural and international understanding through conferences, courses, forums, lectures and suitable media.

Basic elementary education for the foreign and native born including training for naturalization and citizenship.

Education in the fields of homemaking and family relations.

Education in vocational and prevocational training.

Opportunities of recreational and hobby type conducive to an enriched personal and community living.

Education in economic, social and civic problems.

Other pertinent areas.

To assure a close tie with the community, the Board of Education has appointed a Community Advisory Committee drawn from thirty related organizations and interests. This Community Advisory Committee meets upon need to determine the interests, needs, facilities, and opportunities for adult education and recreation and how the program is to be financed.

In addition, a Resource Committee is drawn from the college faculty to provide professional and technical advice and assistance.

### B. FOUR AREAS

The program of educational services to adults has been implemented under four presentations:

#### 1. Academic Program

Adults may acquire academic work and collegiate credit through the regular day or evening program of the college.

Tuition for academic work done during the evening hours is \$4.00 per semester hour or any fraction thereof, with a maximum of \$25.00

per term of 18 weeks regardless of the number of semester hours. It is advised, however, that students with full time employment not carry more than seven semester hours of work per term. Grades for the evening classes are issued at the end of the term.

Regular departments of the college represented in the curriculum offer courses as requests are expressed. A minimum of eight students is required for an academic class.

Academic courses suggested as having especial interest to adult students include:

Acc. 153. Beginning Accounting. (Credit: 3 Semester hours.)  
Described in general catalogue.

Acc. 163. Intermediate Accounting. (Credit: 3 semester hours.)  
Described in general catalogue.

Acc. 173. Tax and Payroll Accounting. (Credit: 3 semester hours.)  
Described in general catalogue.

C. A. 153. Commercial Art. (Credit: 3 semester hours.) Described in general catalogue.

Art. 113-123 Design. (Credit: 6 semester hours) Described in general catalogue.

D. P. 213-223. Drawing and Painting. (Credit: 3 semester hours each.)  
Described in general catalogue.

Art. 163. Interior Design. (Credit: 3 semester hours.) Described in general catalogue.

Art. 233, 243. Pictorial Composition. (Credit: 3 semester hours each.)  
Described in general catalogue.

B. Eng. 153. Business English (Credit: 3 semester hours.) Described in general catalogue.

Mach. 182, 192. Business Machines. (Credit: 2 semester hours each.)  
Described in general catalogue.

Law. 163. Business Law. (Credit: 3 semester hours.) Described in general catalogue.

G. M. 153. General Business Mathematics. (Credit: 3 semester hours.)  
Described in general catalogue.

Dr. 183. Dramatic Art. (Credit: 3 semester hours.) Described in general catalogue.

Eco. 153. Consumer Economics. (Credit: 3 semester hours.) Described in general catalogue.



E. 113, 123. Composition and Rhetoric. (Credit: 3 semester hours each.) Described in general catalogue.

F. R. 133. Family Relations. (Credit: 3 semester hours.) Described in general catalogue.

Govt. 213 American National Government — United States Government. (Credit: 3 semester hours.) Described in general catalogue.

Govt. 223. American State Government — Texas Government. (Credit: 3 semester hours.) Described in general catalogue.

History. 163. Current History. (Credit: 3 semester hours.) Described in general catalogue.

M. S. 153. Machine Shop. (Credit: 3 semester hours.) Described in general catalogue.

Ed. 213. Child Psychology. (Credit: 3 semester hours.) Described in general catalogue.

Psy. 213. General Psychology. (Credit: 3 semester hours.) Described in general catalogue.

S. Pr. 223 Secretarial Practice. (Credit: 3 semester hours.) Described in general catalogue.

Shd. 153. Beginning Shorthand. (Credit: 3 semester hours.) Described in general catalogue.

Shd. 163. Intermediate Shorthand. (Credit: 3 semester hours.) Described in general catalogue.

Soc. 153. Contemporary Social Problems. (Credit: 3 semester hours.) Described in general catalogue.

Span. 153-163. Beginning College Spanish. (Credit: 6 semester hours.) Described in general catalogue.

Sp. 113, 123. Fundamentals of Speech. (Credit: 3 semester hours each.) Described in general catalogue.

T. 153. Beginning Typing. (Credit: 3 semester hours.) Described in general catalogue.

T. 163. Intermediate Typing. (Credit: 3 semester hours.) Described in general catalogue.

### High School Equivalency

A special study of the needs of those adults desiring to complete high school work and to qualify for a diploma has been arranged. On entrance, applicants will be given General Educational Development tests upon which it is necessary to make a required score to establish eligibility for the program. When at least two semesters of satisfactory work including one semester English 053, and one semester Government 053—reviews in English and government, and six weeks of Refresher Mathematics — have been completed, another testing program will be administered, and if passed satisfactorily, the students will be recommended for high school equivalency diplomas. Having received the Alvin High School Equivalency Diploma the students will be eligible for admission to the Alvin Junior College.

The preliminary tests will be given two times through the year, once in the month of August and again in the month of January. Fees include: \$3.00 for tests, tuition of \$12.00 per semester per course and payment for books and supplies. Advance application is necessary.

### Basic (Elementary) Education Equivalency

Arrangements have been made for adults desiring to establish educational equivalency in elementary school subject matter. Upon entrance to the program the applicants will be given standardized achievement tests in order to determine their grade level. Tests will be given every three months. The students will be advanced as rapidly as they complete levels of training. Having completed the requirements for basic (elementary) equivalency, the students will be recommended for the Certificate of Basic Education Equivalency. They will then be eligible to enter the Alvin Junior College program for high school equivalency.

The fees include: \$3.00 for the testing program, tuition of \$18.00 per three month period, and payment for books and supplies. Advance application is necessary.

### 2. Short Unit Courses

These courses are designed for those adult students wishing to give only a short time to certain studies and activities of practical or avocational value. Most of the classes meet once or twice a week for four or six weeks. The registration fees vary according to the number of actual clock hours of instruction.

The registration fees range from \$2.00 for 1-3 hours of instruction to \$12.00 for 31-36 hours of instruction. Because the fees are low and classes are often continued on the basis of the number of students in the early enrollment, there are no refunds or transfers of fees. Equipment is usually provided by the college and students furnish their own

materials unless other arrangements are agreed to. Where expensive materials, equipment or services are required for certain classes, a special fee per student has been charged. No grades are given; however, certificates of completion are issued to those who have been in full attendance and who have successfully completed projects during the allotted class time. Each course of 18 clock hours length carries with it 1 semester hour terminal credit with the college, provided it meets the approval of the Dean of the college.

If a short course other than those that are offered through the year is desired, it will be arranged if requested by as many as ten students, provided an instructor and facilities are available.

Some short course suggestions are:

Cake Decorating—Beginning.

How to frost cakes fancifully.

Cake Decorating—Advanced.

Intricate patterns and designs.

Ceramics—Basic.

The handling, care, modeling and glazing of clay. Projects through coil, slab and pinch methods. 4 pieces.

Ceramics—Intermediate.

Four pieces of hand-made, hand-decorated clay made through mold pouring, slip painting, underglazing and scraffito decorating.

Cooking for Two.

Planning meals for the small family.

Dairy Husbandry

Feeds and feeding, record keeping, sanitation, diseases, insects and parasites.

Display Advertising.

Arrangements, balance, color, lighting and proportion in commercial displaying.

Driver Education.

For the beginning driver. Behind the wheel instruction. Preparation for Texas driver's license test.

Elements of Weather.

Nature weather signs and how to read weather maps.

First Aid.

Preparedness for everyday accidents and emergencies.

Fix-it for Householders.

How to accomplish everyday household repairs.

Flower Arranging—Unit 1.

The artistic arrangement of flowers. Demonstration and practice.

Flower Arranging—Unit II.

Demonstration and practice in dried, seasonal and period arrangements.

Football for Grandstanders.

Highlights of the game, official's duties, penalties and basic formations.

Fun and Fitness.

Exercise to music, group games and some folk dances.

Gift Wrapping.

Lecture, demonstration and practice of attractive and unique wrapping.

Grocery Checking Procedure.

Accuracy, efficiency and good customer relations for grocery checkers.

Grocery Store Organization.

Layout, departmentizing, housekeeping, policies and modernization for grocerymen.

Home Nursing—Unit 1.

The care and comfort of the sick in the home. Standard Red Cross course.

Home Nursing—Unit II—Mother and Baby Care and Family Health.

Before and after baby arrives, baby's first year and the protection of family health.

Interiors—Home Decoration.

An introduction to home decoration with emphasis on good taste in the use of color, furniture and accessories.

Know Your Automobile.

What makes your car run and how to recognize signs of trouble.

Know Your Camera.

How to operate your own camera.

Leather Tooling.

Hand made leather projects.

Making Picture Frames.

Demonstration and practice.

Mathematics—Refresher.

Review of fundamental processes, decimals and fractions.

One-dish Meals.

Economical and wholesome meals for the family.

Parliamentary Procedure.

How to conduct a meeting.

Party Foods.

Easy, clever and practical preparations.

Photography—Introductory.

Fundamentals for good pictures.

Photography—Advanced.

Developing pictures and improving picture taking techniques.

Poultry Husbandry.

Culling, feeds and feeding, diseases, housing, brooding.

Salesmanship.

Merchandising facts, customer types, selling related merchandise and improving public relations.

Sewing—Basic.

Learning to follow pattern instructions, short cuts in cutting and constructing a garment, putting in zippers and bound button holes and setting in sleeves.

Show Card Lettering.

Demonstration and practice in layout and lettering techniques.

Stretching the Food Dollar.

Recipes, menus and wise buying for cutting meal costs.

Tailoring—Advanced Sewing.

Completion of at least one tailored garment, preferably a suit or coat.

Tractor Maintenance.

Preventive type maintenance — ignition system, fuel system, greasing, general upkeep.

Upholstery.

Spring typing, webbing, padding and covering furniture pieces

Woodworking—Introductory.  
Familiarizing the student with the care, use and safety of hand tools. Use of elementary woodworking materials by making small projects.

Woodworking—Advanced.

Familiarizing the student with the care, use and operation of machines through making larger projects.

Other Short Courses Include:

Audio-visual Workshop; Aluminum Etching; Architectural Lettering; Art - Appreciation; Art Workshop (Christmas); Art Workshop (Crafts); Astronomy; Auto Mechanics (fundamentals); Basketball from the Bleachers; Basketry; Beef Cattle Production; Bible; Blueprint Reading; Building Custodianship; Carburetors; Carpentry; Ceramic Staining; China Painting; Civil Defense; Club Reporting; Conversational Spanish Workshop; Creative Writing; Current Books; Dairy Husbandry; Development of the Pre-adolescent Child; Drafting; Dramatics; Drapery Making; Duplicating Machines Workshop; Effective Shopping; Electricity; Employee Training Etiquette; Farm, Dairy, or Home Bookkeeping; Finance Forum; Fire Prevention and Extinguishing; Floral Designing; Flower Cultivation; Folk Dancing; Foods for the Family; Fountain and Luncheonette Service; Furniture Refinishing; Furniture Slipcovers; Home Planning; How to Use a Library; Human Relations in Industry; Human Relations Workshop; Improving Job Methods; Industrial Safety; Inquiring Parent; Job and Safety Training; Job Instruction Training; Lamps and Lampshades; Landscape Gardening; Law for Laymen; Leadership; Livestock Production; Liquid Petroleum Gas System (installing and servicing); Masonry; Meal Planning; Meat Cutting; Mental Health Workshop; Merchandise Display; Metalcraft (copper, pewter, and aluminum); Metallurgy; Methods of Deep Freeze; Millinery; Money Management; Motor Analysis and Tune-up; Mud School; Music Appreciation; Needlecraft; Parent Workshop; Personal Charm; Personnel Supervision; Petroleum Education; Plastics; Police Work and Crime Investigation; Plumbing; Public Relations; Radio Operator; Real Estate—Buying, Owning, Selling; Rice (how to use); Rice Production; Rug Making; School Bus Driver's Clinic; Self-Defense; Silk Screen Printing; Small Business Clinic; Speech; Spelling; Square Dancing (community); Survival Under Atomic Attack; Textile Painting; Theater; Tractor Maintenance; Use of Sewing Machine Attachments; Vocabulary and Diction; Your Child From 3-12; Waitress Training; Water and Sewage System; Weaving; Welding; Wheel and Chassis Alignment; Woodcarving.

### 3. Forum Series

Topics of local, national, international, cultural and intercultural concern are chosen for consideration each year through the Community Forum Series. Usually, the series consists of four meetings—one each scheduled for the month of October, November, February and March.

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