

1930

BJC Bulletin 1930-1931

Brownsville Public School System

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BULLETIN

Number 5

September, 1930

Brownsville Junior College
for the
Lower Rio Grande Valley
of Texas

BROWNSVILLE, TEXAS

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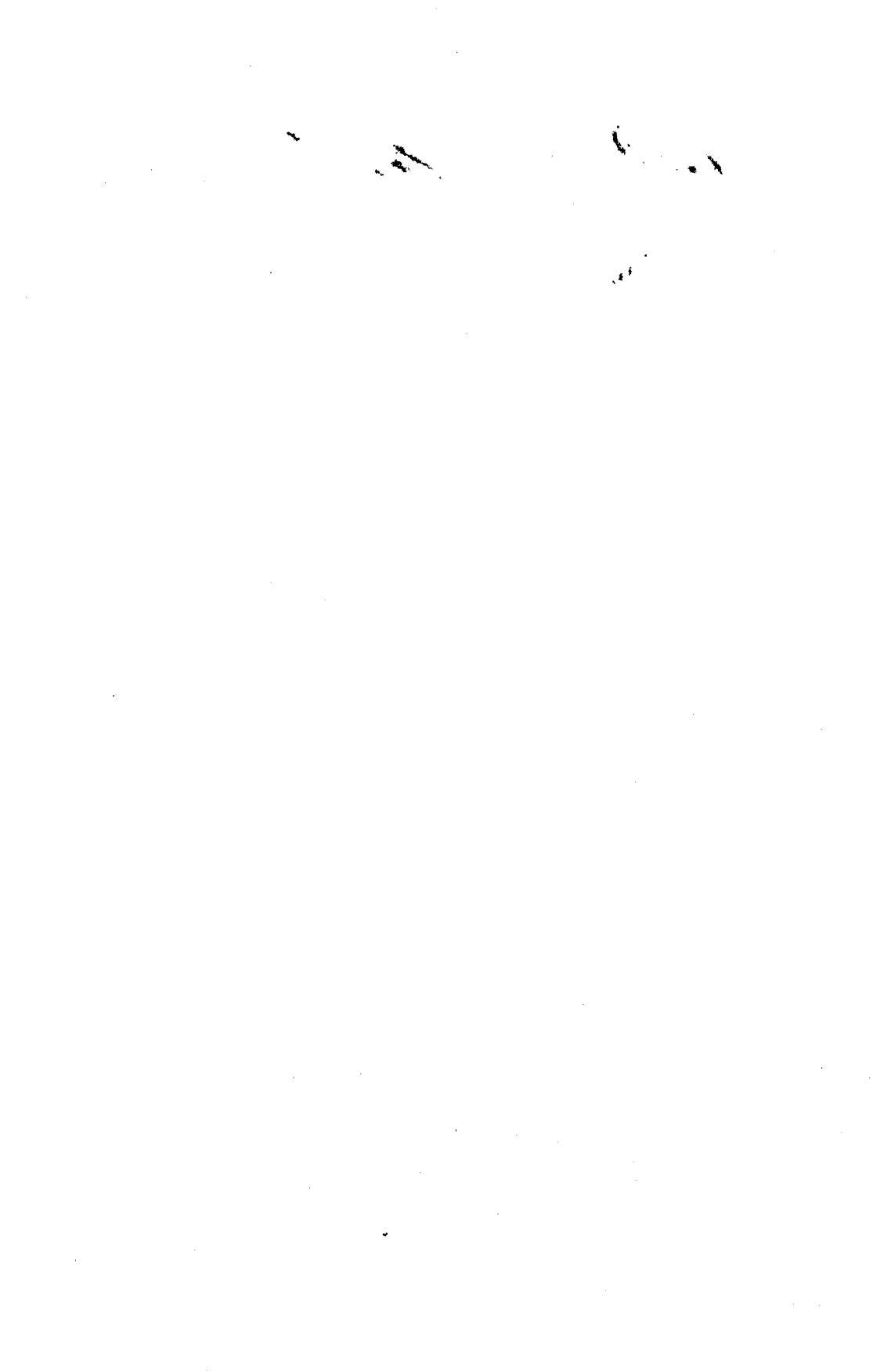
ANNOUNCEMENTS 1930-1931

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Brownsville, Texas

Published by the Brownsville Public School System

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Brownsville Junior College

Located in the

Lower Rio Grande Valley

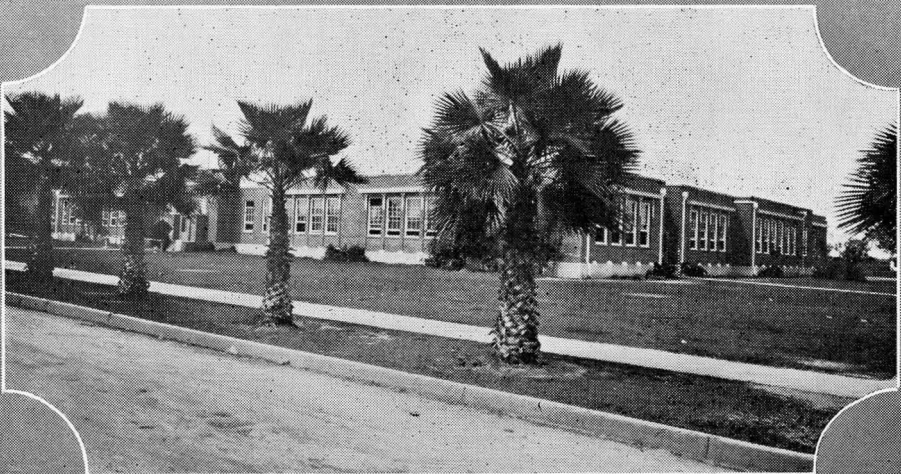
AT BROWNSVILLE, TEXAS

.....

OPENING ANNOUNCEMENTS
AND REGULATIONS

.....

Brownsville, Texas, September, 1930



**BROWNSVILLE JUNIOR
COLLEGE**

APPROVED FIRST CLASS JUNIOR COLLEGE

by

ASSOCIATION OF TEXAS COLLEGES

MEMBER

THE AMERICAN ASSOCIATION

OF JUNIOR COLLEGES,

FIRST CLASS

APPROVED BY

THE STATE DEPARTMENT

OF EDUCATION

Calendar of Junior College

(Long Session of 1930-1931)

SEPTEMBER 5-6—Registration.

SEPTEMBER 5-6—Examination for Admission.

SEPTEMBER 5-6—Postponed Examinations, and Examinations for Advanced Standing.

SEPTEMBER 8—First Semester Classes Begin.

NOVEMBER 11—Armistice Day. (Holiday.)

NOVEMBER 27—Thanksgiving Day. (Vacation.)

DECEMBER 24—Christmas Recess Begins.

JANUARY 5—First Classes Meet Following Christmas Recess.

JANUARY 19-23—Final Examinations.

SECOND SEMESTER

JANUARY 24—Registration for Second Semester.

JANUARY 26—Class Begin.

MARCH 2—Texas Independence Day.

APRIL 21—San Jacinto Day. (Holiday.)

MAY 9—Postponed Examinations, Examinations for Advanced Standing, and Examinations to Remove Course Conditions. Petitions must be in the Registrar's Office not later than May 5.

MAY 21-29—Final Examinations.

MAY 26—Commencement Day.

FACULTY

G. W. GOTKE, B. A., M. A., President

- B. A., M. A., State University of Iowa, 1919, 1923. Candidate for Ph. D. University of Texas. Superintendent of Schools, Graettinger, Iowa, 1920-22; San Antonio Public Schools, Principal Washington Irving Junior High School, 1923-25; Vice Principal Main Avenue High School 1925-1927; Principal Brackenridge High School, 1927-1928. Instructor in Education, Iowa State Teachers College, summers 1923, 1924, 1925; A. & M. College of Texas, summer 1926; University of Texas, summers 1927, 1928, 1929, 1930. Superintendent Brownsville Public Schools since 1928.

S. A. CALDWELL, B. A., B. S., M. A., Dean

- B. A., Louisiana State University, 1915; B. S. Louisiana Tech, 1924; M. A., University of Texas, 1927; one year's graduate work in addition to M. A. degree. Superintendent of Schools, Bastrop, La., 1915-1922; Professor of Economics, Louisiana Polytechnic Institute, 1922-1926; Instructor in Economics, University of Texas, 1926-1927; Dean Brownsville Junior College since 1927.

ELMER CECIL DODD, B. S., M. A.,

Assistant Dean and Professor of Education

- B. S., North Texas State Teachers College; M. A., University of Texas, 1930; one year of Law at the University of Texas; Graduate Student, Peabody College; Teacher and Administrator in Texas and Arkansas Schools; Principal of Brownsville Grammar School since 1924; Professor of Education, Brownsville Junior College, 1929.

MRS. LOUISE C. PERKINS, B. A.,

Registrar and Dean of Students

- B. A., University of Texas, 1914; Instructor High School, Houston, 1914-1917; Instructor and Dean of Girls in Brownsville High School, 1923-1928; Registrar and Dean of Students, Brownsville Junior College since 1928.

R. J. BINGHAM, B. A., M. A.,

Head of Mathematics Department

- B. A., Millsaps College, 1911; M. A., University of Texas, 1928; one quarter graduate work, University of Texas, since taking M. A. degree; Superintendent of City School, Vaiden, Miss., 1911-1914; Instructor, Meridian College, Meridian, Texas, 1914-1917; Head of Mathematics Department, Tyler High School, Tyler, Texas, 1917-1927; Head of Mathematics Department, Brownsville Junior College, since 1928.

W. L. DODSON, B. A., M. A.,

Professor of Government

- B. A., University of Texas, 1926; M. A. University of Texas, 1927; graduate work, University of Texas, summer 1929; Professor of Government, Brownsville Junior College, since 1927.

MRS. PAULINE LANDRUM GOOD, B. L., B. A., M. A.,

Head of the Foreign Language Department

B. L., North Texas Female College, 1913; Student Universidad Nacional de Mexico, Mexico City; special work El Centro de Estudios Historicos, Madrid, Spain; M. A., Columbia University, 1928; Instructor in "Instituto de Espanas," New York City, 1927-1928; Author of "Suggestions for Spanish Clubs" and "Some Easy Spanish Books for Children;" Head of Foreign Language Department, Brownsville Junior College, since 1928.

CHARLOTTE HEYMAN, B. A., M. A.,

Head of English Department

Graduated from Junction High School, 1916; Student Assistant in English at University of Texas, 1921-1922; B. A., University of Texas, 1922; Elected to Phi Beta Kappa and Kappa Delta Pi, 1922; Columbia University Summer School, 1923; University of California Summer School, 1924; University of Texas Summer School, 1926; M. A., University of Texas, 1928; Elected to Pi Lambda Theta, 1928; Teacher of English, Junction High School, 1922; Seymour High School, 1923; Sul Ross State Teachers College, Huntsville, Texas, 1928; Head of English Department, Brownsville Junior College, 1929.

GRACE A. EDMAN, B. A., M. A.,

Head of History Department

B. A., University of Texas; M. A., University of Texas; University of California Summer School; Head of History Department, Brownsville Junior College, 1929.

VELMA WILSON, B. A., M. A.,

Head of Science Department

B. A., Southwestern University, 1922; M. A., University of Texas, 1928; Student Instructor in Chemistry, Southwestern University, 1920-22; Student Instructor in Chemistry, University of Texas, 1926-27; Student Instructor in Biochemistry, Medical School, University of Texas, 1927-28; High School Instructor in Science, Brenham and Sour Lake; Technician in Scott & White Hospital Laboratory, Temple, 1924-26; Head of Science Department, Brownsville Junior College, since 1928.

KATHRYNE C. BRAMLETTE,

Professor of Business Administration

B. B. A., 1926; M. B. A., 1928, University of Texas.

MRS. LOIS SPEARS HUGHES, B. A., M. A.,
Head of Education Department

B. A., 1921; Principal San Benito School three years; M. A., University of Texas, 1928; Head of the Education Department, Brownsville Junior College, 1928-1929; Head of Education Department of Brownsville Junior College and Primary Supervisor of Brownsville Public Schools, 1929-30.

NEWBERN W. GUINN, B. S. in Ch. E.,

Instructor in Physics and Mechanical Drawing

B. S. in Ch. Eng., University of Texas; one year of graduate work, University of Texas; Tutor in Chemistry, University of Texas, 1922-1923; Instructor in Physics, Galveston High School, 1925-1927; Instructor in Mathematics, Wharton High School, 1927-1928; Instructor in Physics and Mechanical Drawing, Brownsville Junior College, since 1928.

ANNIE S. TUCKER, B. M.,

Instructor in French

B. M., Baylor College, 1927; Supervisor of Music, Edinburg Schools, 1927-1928; Instructor in French and Music, Brownsville Junior College, 1928-1929; Instructor in French and Music Supervisor, Brownsville Public Schools, 1929-1930.

MRS. ELIZABETH W. McCOLLUM, B. S.,

Instructor in Business Administration

B. S., College of Industrial Arts, 1926; Instructor in Brownsville High School since 1926; Instructor in Business Administration, since 1929-1930.

J. W. IRVINE, B. B. A.,

Director of Athletics and Physical Education

B. B. A., University of Texas; Director of Physical Education, Junior High School, San Antonio, 1923-1927; Coach and Physical Education, Junior High School, Brownsville, Texas, 1927-1928; Director of Athletics and Physical Education, Brownsville Junior College since 1928.

BEN BRIGHT

B. S., Southwestern State Teachers College; Instructor in Physical Education.

CALVIN H. SURTEES, B. A.,

Assistant Coach

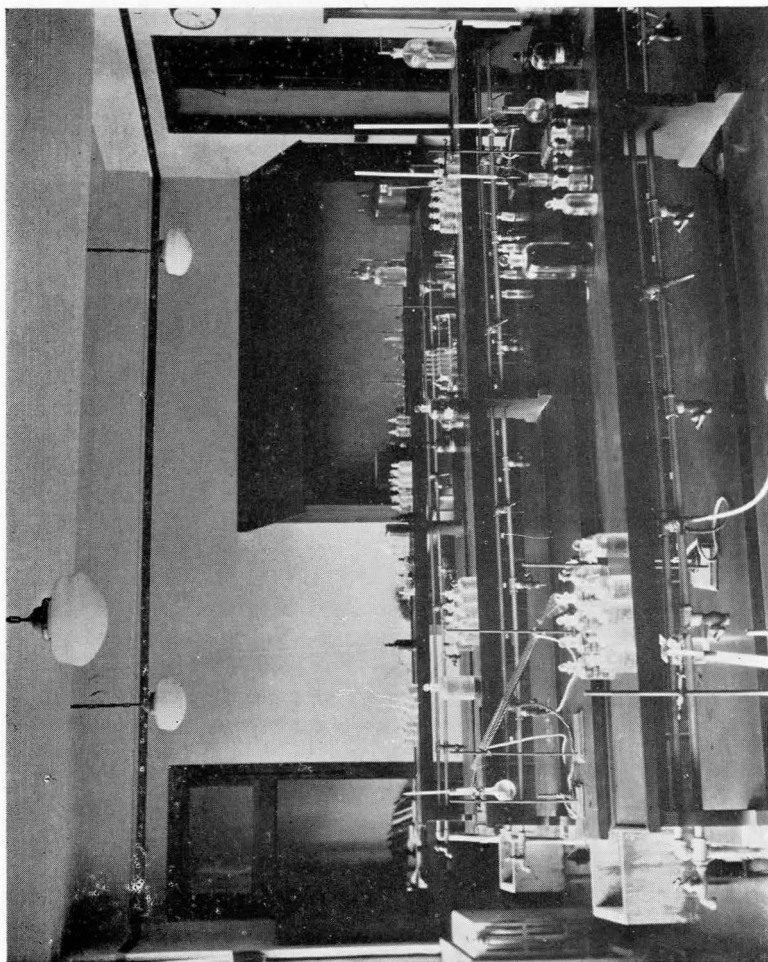
B. A., St. Mary's University, 1928.

MRS. S. C. TUCKER, Librarian, B. A.

BOARD OF TRUSTEES

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HISTORY AND PURPOSE OF BROWNSVILLE JUNIOR COLLEGE

The Rio Grande Valley is far distant from the thickly populated sections of the State, and consequently from any good college or university, and the result is that very few students of the large numbers who graduate yearly ever attend college. The Valley long ago recognized the need for a college and made several attempts to establish an institution in this section, but due to lack of funds and other reasons, never was able to make an institution function. No single town has been able or willing to assume their responsibility of establishing and supporting a college until the fall of 1926, when Brownsville decided to attempt the proposition. The college has proved to be a remarkable success in the short period of four years, and it promises to grow into a large organization which will serve all neighboring towns and communities.

The Junior College was not announced to the public until the early days of September, 1926. Most of the prospective students had already made plans to attend college elsewhere. In spite of this fact the enrollment for the year was 84.

Brownsville Junior College offers students an opportunity to continue their education beyond the high school at much less expense than similar work at a university would involve, and brings the students, through smaller classes than the universities can of necessity allow, into closer and more individual touch with their instructors. The Junior College credits will be accepted as regular college credits in all leading colleges and universities of Texas and other states.

The purpose of the college is to offer the first two years of general university work to those who intend to complete the first requirements for degrees elsewhere; to offer the first two years of general university work required of those who plan to enter the professional schools, such as those of Law, Business Administration, Medicine, Journalism, etc.; to prepare teachers for elementary and high

school teaching; and to offer practical business preparation courses to those who do not intend to continue their education at higher institutions.

Through various college activities students become familiar with the principles of government and organization. In the Junior College there is ample opportunity for all students to take part in these student organizations such as the Dramatic Club, Orchestra, Glee Club, Newspaper, and Athletics in all its forms.

The Junior College has been in a position to offer great service to the citizens of Brownsville and surrounding territory. A number of courses were given the first year at times convenient to those people who worked all day, but who desired to continue their college education at night. This was especially true of a number of teachers in the public schools who attended night classes. Many other citizens took advantage of these college courses to further their education. A course in Literature was given to the Learners' Study Club of Brownsville women. During next year and in the years to come, service of this nature can be enlarged to satisfy the demands of the community. Courses or hours other than those already planned might be arranged to accommodate the people interested in them.

AFFILIATION

As regards the scholastic preparation and teaching experience of its faculty, plant equipment and standard of work offered, the Brownsville Junior College is more than meeting the requirements as set by the University of Texas, the Association of Texas Colleges, and the State Department of Education. As a result of this high standard the College has received affiliation as a first class Junior College by the Association of Texas Colleges and the State Department of Education. This means that a student who completes the two years at Brownsville Junior College may go to any first grade college or university and enter, without condition, the junior year of that institution. It means, also, that a student taking the teacher's course in the College will be granted without question his teacher's certificate by the State Department of Education.

Brownsville Junior College already stands among the highest in the character of its work.

ADMISSION

Units

Entrance requirements are stated in terms of units. A unit represents nine months of study in a subject in a secondary school, constituting approximately a quarter of a year's work. A four years' secondary curriculum should be regarded as representing not more than sixteen units of work.

Prescribed Units

The following units are prescribed for all, and, except the foreign language, must be presented before admission. A student satisfying all requirements except the foreign language, including fifteen acceptable units, may be admitted without it and make it up within two years.

ENTRANCE UNITS

Entrance units may be chosen from the following list:

GROUP I English	English 3 or 4 units	Three units required (3).
GROUP II Mathematics	Elementary Algebra 2 units Plane Geometry 1 unit Solid Geometry ½ unit Trigonometry ½ unit	Algebra and Plane Geometry required (3).
GROUP III Foreign Languages	Latin 2, 3 or 4 units Greek 2 or 3 units German 2 or 3 units French 2 or 3 units Spanish 2 or 3 units	Two units required (2). (If student has 15 units without having had the language, he may enter and make up the language requirement in the college.)
GROUP IV Science	Physical Geography ½ unit Physics 1 unit Chemistry 1 unit Botany 1 unit Physiology and Hygiene ½ or 1 unit Zoology 1 unit General Science 1 unit Biology 1 unit	
GROUP V Social Science	Early European His. 1 unit Mod. European His. 1 unit American History 1 unit Civics ½ or 1 unit Economics ½ unit	Two units required (2). (One of which must be History.)
GROUP VI Vocational	Agriculture ½ or 2 units Argumentation and Debating ½ unit Arithmetic ½ unit Bookkeeping 1 unit Commercial Law ½ unit Com. Geography ½ unit Drawing ½ or 1 unit Home Eco. ½ or 3 units Manual Trng. ½ or 1 unit Music 1 unit Shorthand and Typewriting 1 unit	Not more than three units (3) may be offered from Group VI.

METHODS OF OBTAINING ADMISSION UNITS

1. *By Graduation from an Accredited School.* No credit may be obtained without graduation. Within the limits of the above list, graduates of schools on the approved list issued by the State Department of Education 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.

2. *By Entrance Examination.* Any or all scholarship requirements may be met by passing the admission examinations. Entrance examinations must be taken during the first semester at a date set by the Registrar. All other conditions must be removed before a student can become a candidate for graduation.

3. *By Individual Approval.* Applicants for admission to the college who are over 21 years of age and have the equivalent of a high school education may be admitted conditionally to the college on approval by the Dean of the College. Students admitted by individual approval cannot become candidates for graduation until they have satisfied the admission requirements.

METHODS OF ABSOLVING ADMISSION CONDITIONS

General Plan: Admission conditions may be removed:

1. By taking, with the approval of the Registrar, the regular admission examinations.

2. By counting work done in the College. The prescribed admission units must be satisfied by work in the corresponding subjects in the College; the elective admission units may be absolved by any College work. In satisfying admission conditions, a course of six semester hours counts as the equivalent of one and one-half units. Courses used to absolve admission requirements will not count toward a diploma.

Individual Approval Students:

Students admitted by individual approval to English 113-123 will, on completing that course, be given credit also for three admission units in English. Similarly, students admitted to freshman mathematics will, on completing that course, receive credit also for two admission units in algebra and one in plane geometry.

ADVANCED STANDING

1. Students entering from other colleges must present:

(1) A letter of honorable dismissal.

(2) An official transcript of his entire college record, including his admission units. Credits from affiliated colleges will be accepted at full value provided such credits are recognized in this institution.

2. Students from secondary schools.

Applicants who, in addition to satisfying the admission requirements, wish to obtain advanced standing in any department, must secure, by examination or otherwise, the consent of the head of the department concerned, and this consent must be approved by the Registrar.

Solid geometry and trigonometry accepted as entrance credit may each be counted as two semester hours toward a diploma, provided:

(1) That the applicant has a sufficient number of entrance units other than these.

(2) That the applicant takes a full year of college mathematics and makes an average of at least C.

AMOUNT OF WORK REQUIRED

Students are normally expected to carry at one time five college courses, or fifteen recitation hours per week. Only under exceptional circumstances is a student permitted to take more than five or fewer than four courses. Those who desire to enroll for fewer than four courses will be classified as special students. Each hour of recitation is expected to require an average of two hours of preparation.

ABSENCE REGULATIONS

All absences will be reported to the Dean of the College and when three unexcused absences have been accumulated against any student he will be required to take a special test over that portion of the work missed. In case of failure to take the test, the student's grade will be lowered three points for each absence. When six absences have accumulated (even though they are excused) the student affected will be required to take a test over that part of the work missed or suffer a loss of nine points on the final grade.

FEEES

Tuition Fees: Every student, whether living in Brownsville or outside, is required to pay a fee amounting to \$150.00 per long session of nine months. Students taking four to five courses will be required to pay the full tuition. Two scholarships are given to each high school—one to the boy and one to the girl making the highest grade.

Special students taking one or two courses will be required to pay a fee of \$37.50 per course.

There will be a diploma fee of \$5.00. This fee is payable six weeks before graduation.

REPORTS

Semester Reports: Reports are sent out to parents and guardians at the end of each semester for all students in the college. Self-supporting students over 21 years of age may receive their reports instead of their parents, if they request it in writing.

Six weeks reports will be mailed to parents at the end of each six weeks term.

Other reports will be given the student from time to time by instructors and by the Dean.

It is the desire of the school to keep in close touch with the work of each student at all times, so that he may be encouraged and helped in time of need. It is in this manner that the Junior College expects to deliver one of its greatest services to the young men and women who make up its student body.

REQUIREMENTS FOR GRADUATION

Course Requirements

A total of sixty semester hours, including twelve hours in English, six hours in natural science, six hours in the social science group (history, economics, government and business administration); three hours in constitution, and six hours in mathematics or six hours in a numbered foreign language.

Other Requirements

Scholarship: An average grade of C on the sixty hours presented for graduation.

Entrance Conditions: Entrance conditions must be removed before the beginning of the year.

Residence: Twenty-four semester hours must be done in the Brownsville Junior College, including twelve of the last eighteen.

Sophomore Standing: Eighteen semester hours of work of sophomore standing must be done.

General: A diploma fee is required; all students must attend graduation exercises.

GRADES OF SCHOLARSHIP

Grades: The standing of a student in his work is expressed by grades made up from class work and from examinations. There are seven grades: A (excellent), B (good), C (fair), D (pass), E (failure), F (bad failure with permission to continue the course), G (the same as F, except that the student may not continue the course). To pass on a course, it is necessary to secure a grade of at least D, both on classwork and on term examination, considered separately. Grades are given by terms, but no course will count toward a degree until credit has been received for all the terms covered by it.

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

A student who fails to pass in a course but makes a grade of E is called "conditioned," and is allowed opportunity to remove the condition by a second examination not less than two months, nor more than one year, after it was received. This second examination he may take 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 on or before the seventh day preceding the first day of the examination period.

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 an examination, after a permit has been granted, will have the same effect as failure, unless the student presents to the Dean within a week after the date set for the examination a satisfactory excuse for his absence.

CONDUCT OF STUDENTS

It is the policy of the college to grant the students as much freedom as is compatible with good work. Students who do not conduct themselves properly will be dropped from the rolls.

. ADDING AND DROPPING COURSES

After the first registration for the session, a student may add a course only with the approval of the Dean.

For weighty reason, a student may drop a course with the consent of the Dean, but to drop a course without permission (and persistent absence from class amounts to dropping), means to sever one's connection with the Junior College.

On the recommendation of the instructor concerned, approved by the Dean, a student may at any time be required to drop a course because of neglect, or for lack of preparation.

A student who drops a course after the first four weeks of any session for any reason other than withdrawal from the college is, within the discretion of the Dean, given an F in the course for the session.

SELECTION OF COURSES

With regard to the selection of their courses, students will advise with the Faculty and the Dean of the College. If a student entering the school has definite plans for taking a degree in some higher institution, he should select courses with that end in view. Students who do not desire to enter a higher institution for a degree will be offered more freedom and may take any course for which they are prepared. It is especially urged that students not expecting to take a degree take courses best fitted for their vocation.

ATHLETICS

The college will foster such athletic games as are generally played in Texas colleges. Good, wholesome, clean sport will be encouraged in every way. Efforts will be made to get every student to play some athletic game. In order to represent the college in an athletic event a student must pass a majority of his courses.

NUMBERING OF COURSES

Three digit numbers are used to indicate courses. The first digit represents the year in which the subject is given; the second digit, the semester; and the third, the number of semester hours. For instance, Mathematics 113 represents the first year, first semester, and 3 semester hours in freshman mathematics; 113d, the first year, first semester and 3 semester hours in a different course in freshman mathematics.

In the foreign language department the beginner's course in each language is designated with an A. This course will count for college credit provided that the student has satisfied all language requirements for admission.

UNITS OF COLLEGE CREDIT

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. A *course* represents the work accomplished by a class meeting three times a week for a year of thirty-six weeks.

Normally a student carries five subjects, completing in a year thirty semester hours, fifteen year hours, of five courses.

FOUR-YEAR ELEMENTARY CERTIFICATE

In order to secure the four-year elementary certificate of the first class the completion of the following courses is necessary:

1. Five college courses, all of which the college counts toward graduation.
2. English 113, 123.
3. Education 113, 123.
3. Constitution 123.

SIX-YEAR ELEMENTARY CERTIFICATE

To secure an elementary certificate of the first class for six years a student must complete the following courses:

1. Ten college courses, all of which the college counts toward graduation.
2. Two of these courses must be in Education.
3. One of the courses in Education must deal with elementary school problems.
4. One-half course in Constitution.

The six-year elementary certificate becomes permanent after the holder has successfully taught for five years.

TWO-YEAR HIGH SCHOOL CERTIFICATE

For a two-year high school certificate the following are required:

1. Five full college courses, all of which the college counts toward graduation.
2. One of these courses must be in English.
3. One course in Education.
4. One-half course in Constitution.
5. Not more than two courses may be in one subject.

FOUR YEAR HIGH SCHOOL CERTIFICATE

To secure a high school certificate of the first class, valid for four years, a student must complete the following work:

1. Ten full college courses, all of which the college counts toward graduation.
2. Two of these courses must be in Education, one of which should bear upon training for high school teaching.
3. One-half course in Constitution.

BROWNSVILLE JUNIOR COLLEGE CURRICULA

In order to aid the student in the choice of those courses necessary for the first two years of the curriculum he wishes to pursue in a senior college, or to suggest to those who are planning to go to work after leaving the Junior College, the arrangement of courses which will help most in any selected field, the following curricula have been prepared. The order and choice of work given here is similar in all the colleges and universities of our State. It is the desire of the Dean of the College and the Faculty that any student or prospective student be well informed along the line of his work, and to this end they ask that the student talk over the matter with them. Students who have no desire to take a degree other than a Junior College Diploma may, upon the advice of the Dean, arrange courses best suited to their needs.

COLLEGE OF ARTS AND SCIENCES

The rules governing the order and choice of work for the degree of Bachelor of Arts for freshmen and sophomores include the following:

FRESHMAN YEAR

- (1) The work prescribed is:
 - (a) English 113, 123.
 - (b) One course in mathematics (Mathematics 113, 123 or 113d, 123d).
 - (c) Foreign language.
 - (d) A natural science or history.
 - (e) One other course, needed to make five.
- (2) Two foreign languages may not be begun by freshmen.
- (3) Freshmen may not take more than one and one-half courses in one department.
- (4) Five courses is the maximum for freshmen.

SOPHOMORE YEAR

- (1) The prescribed work is:
 - (a) Any unabsolved freshman requirements.
 - (b) English 213, 223.
 - (c) A foreign language. If a modern language was begun in the freshman year it must be continued here.
 - (d) A natural science.
 - (e) Constitution 123.
 - (f) Enough other courses to make five.

Some of the electives are Mathematics, Economics, Government, History, Education, etc.

PRE-LAW

The requirements for admission to the School of Law are: (1) That the student has met the general requirements for admission

to the College of Arts and Sciences, and (2) that he has completed ten college courses as listed below:

FIRST YEAR—PRE-LEGAL

English 113, 123.	A natural science.
Mathematics 113, 123, or 113d, 123d.	An elective.
History 113d, 123d.	Constitution 123.

SECOND YEAR—PRE-LEGAL

English 213, 223.	Economics 213, 223.
Government 213, 223.	History 213, 223.
Business Administration 214, 224.	

(An exception is made in that admission may be had on ten college courses, not including all here required, provided that the remaining courses are absolved by summer work before the senior year.)

PRE-BUSINESS ADMINISTRATION

Students should not confuse the work leading to degree of Business Administration with that of a regular commercial course.

Applicants for admission to the School of Business Administration must satisfy the admission requirements of the College of Arts and Sciences and have ten college courses to their credit.

Among the ten courses presented for admission the student should include: Two courses in English; one course in mathematics; one course in history; two courses in the natural sciences; economics, government; at least a one-third course in philosophy or psychology, and business administration.

FIRST YEAR

English 113, 123.	Mathematics 113, 123, or 113d, 123d.
History 113, 123, or 113d, 123d.	Chemistry 114, 124. Elective.

SECOND YEAR

English 213, 223.	Business Administration 214, 224.
Economics 213, 223.	Zoology 113, 123.
Government 213, 223.	

PRE-JOURNALISM

To secure the degree of Bachelor of Journalism the student should follow the scheme set below for the first two years of work:

FIRST YEAR

English 113, 123.	Spanish or French.
Mathematics 113, 123, or 113d, 123d.	Chemistry 114, 124. History.

SECOND YEAR

English 213, 223.	Zoology 113, 123.
Spanish or French.	Elective.
Economics or Government.	

PRE-MEDICINE

The following courses, which are prescribed as entrance requirements at all medical schools, are offered in the Junior College:

FIRST YEAR

English 113, 123.	French.
Chemistry 114, 124.	Zoology 113, 123.

SECOND YEAR

English 213, 223.	French 113, 123.
Economics or Government.	

PRE-ENGINEERING

The course for the first year of all engineering students is the same, and the following courses are offered:

English 113, 123.	Drawing 113, 123.
Chemistry 114, 124.	Mathematics 113, 123, or 113d 123d.

The second year of engineering requires some special work along the special branch the student is studying, and the Junior College does not offer the special subjects. However, there are certain courses which may be taken in the Junior College, and these are especially helpful to the student who has to work part of the time he is in college and who can take only a part of the full course in any one year. The following courses are required of all candidates for engineering degrees:

English 213, 223.	Mathematics 213, 223.
Economics 213, 223.	

SCHOOL OF EDUCATION

If a student wishes to prepare to take a B. S. degree in education he should complete the courses set forth below:

Two courses in English.	Zoology 113, 123.
Two numbered courses in one foreign language.	Economics 213, 223.
Chemistry 114, 124.	Two courses in Education.

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DEPARTMENT OF ENGLISH

ENGLISH 113

Rhetoric and Composition. A rapid review of English grammar; study of the principles of correct writing, with emphasis upon the principles of exposition; analysis of typical prose specimens; weekly themes and conferences; parallel reading and reports. Credit, three hours. Prescribed for freshmen.

ENGLISH 123

Continuation of English 113. A study of the essay, description, and narration, with emphasis upon the informal essay and the

short story; weekly themes, conferences, and parallel reading as in English 113. Credit, three hours. Prerequisite: English 113.

ENGLISH 213

The Development of English Literature. A survey of English literature from the beginning to the age of Johnson; direct study of masterpieces of prose and poetry; original essays, based on actual work of literary masters; conferences; parallel reading. Credit, three hours. Prerequisite: English 113, 123.

ENGLISH 223

Continuation of English 213. A study of selections from the age of Johnson to the present; essays, conferences, and parallel reading as in English 213. Credit, three hours.



DEPARTMENT OF SCIENCE

CHEMISTRY 114

Elementary Inorganic Chemistry: Three lectures and six hours of laboratory a week. Text for lecture work, "Kendall's Revised Edition of Alexander Smith—College Chemistry." Laboratory Manual, "Bray and Latimer." The course is given in the light of the latest development of chemistry; the electronic structure of atoms, the reactions of ions, and hydrolysis being some of the more important topics.

CHEMISTRY 124

General Chemistry: A continuation of Chemistry 114, including qualitative analysis of the common ions. Industrial processes are considered. Prerequisite: Chemistry 114.

ZOOLOGY 113

General Zoology: This course, including Zoology 123, absolves the minimum biological entrance requirements of medical schools. Also it serves as one of the natural sciences which all students must take before receiving a B. A. degree.

This course consists of biological principles, physiology and comparative anatomy. Laboratory consists of dissection of frog and other animal types. Two lectures and four laboratory hours per week.

ZOOLOGY 123

Continuation of Zoology 113. Embryology, natural history of animals and theoretical zoology; laboratory, illustrative animal types.

Note—The above courses in Chemistry and Zoology satisfy the requirements of all medical schools for the first year of these sciences. Those students planning to enter Medicine as a profession should take both of these courses in their first year. All other students except Pre-Law students should take at least one of these courses each of their two years in college to satisfy the natural science requirement of all degrees. Pre-Law students should take one of the above sciences in their first year.

PHYSICS 113

General Physics: Mechanics, molecular physics, and heat. Three lectures and two hours of laboratory a week.

PHYSICS 123

General Physics: Continuation of Physics 113, including sound, light magnetism and electricity. Prerequisite: Physics 113.

DEPARTMENT OF MATHEMATICS

Students without credit for Trigonometry who register for Mathematics in the first semester are required to take Mathematics 113; students with credit for Trigonometry take Mathematics 113d. Students should take the full course of Mathematics 113 and 123, or Mathematics 113d and 123d, consecutively in natural order, otherwise difficulty may be experienced.

Entrance credits in trigonometry and in solid geometry will each be counted as two semester hours credits, provided (1) the credits so counted are in excess of those required for unconditional admission, and (2) an average grade of at least C is made on the full course of Mathematics taken in the Junior College.

MATHEMATICS 113

A rapid and thorough review of main topics studied in High School Algebra will be given during the first weeks of the term. This is necessary for the student who has not taken Mathematics in the last year of his high school course. Then Plane Trigonometry will be studied the remainder of the semester. The principles taken up include trigonometric functions of angles, identities, solutions of triangles, inverse functions, circular measures, and logarithms.

MATHEMATICS 123

Six weeks of advanced College Algebra, including simultaneous quadratic equations, determinants, binomial theorem, and progressions. Twelve weeks of Analytic Geometry dealing with Cartesian co-ordinates. Prerequisite: Mathematics 113.

MATHEMATICS 113d

Twelve weeks of College Algebra, including such topics as simultaneous quadratic equations, equivalent equations, determinants, binomial theorem, progressions, and complex numbers. Six weeks of Introduction of Analytic Geometry, Cartesian co-ordinates, plotting curves from their equations, and the analytic geometry of the straight line will be studied.

MATHEMATICS 123d

Analytic Geometry. Continuation of Mathematics 113d, dealing especially with the analytic geometry of the circle, parabola, ellipse, the hyperbola, translation and rotation of axis, polar co-ordinates, tangents and normals, and equations of higher curves.

MATHEMATICS 213

Differential Calculus. This course is recommended to students intending to continue mathematics, to students of physics and chemistry, to engineers, and to those wishing to use it as an elective for any degree. Prerequisite: Mathematics 113 and 123, or Mathematics 113d and 123d.

MATHEMATICS 223

Integral Calculus. This course is a continuation of Mathematics 213.

DEPARTMENT OF BUSINESS ADMINISTRATION

ACCOUNTING 113

Uses of accounting; interpretation of financial statements; the accounting process; sole owner, partnership, and simple corporation accounting. Three lectures and three laboratory hours a week. Open to freshmen. Three semester hours credit.

ACCOUNTING 123

Continuation of *Accounting* 113. Three semester hours.

ACCOUNTING 214

Uses of accounting; interpretation of financial statements; the accounting process; sole owner, partnership, and simple corporation accounting. Three lectures and three laboratory hours a week. Sophomore standing. Four semester hours.

ACCOUNTING 224

Continuation of *Accounting* 214. Four semester hours.

SHORTHAND 113

Principles of Gregg shorthand and dictation.

SHORTHAND 123

Continuation of *Shorthand* 113.

TYPEWRITING 113

Principles of and practice in typing.

TYPEWRITING 123

Continuation of *Typewriting* 113.

ECONOMICS 213

A general introductory and fundamental course designed to lay the foundation for further work in economics; and to prepare the student for business and for citizenship. Considerable attention will be given to such topics as prices, money, banking, foreign exchange, crises, and trade.

ECONOMICS 223

Interest, rent, wages, corporations, railways, socialism and taxation will be emphasized in this course, which is a continuation of the first semester. Prerequisite: Sophomore standing.

GOVERNMENT

CONSTITUTION 123

This is a three-hour course designed to meet the requirements of the new law of the State of Texas, which is required of all graduates and teachers. It covers both the Constitution of the United States and that of Texas.

GOVERNMENT 213, 223

The first semester is devoted to the study of the governmental systems of England and France; the second to the United States. A general survey of the organization, powers and functions of the country; the legislative, the judicial departments, amendments, and work of the departments. Prerequisite: Sophomore standing.

DEPARTMENT OF EDUCATION

EDUCATION 113

Introduction to Educational Psychology: A study of some of the topics in educational psychology which relates to the learning process and to the conduct of children.

EDUCATION 123

Organization, Methods, and Materials for Primary Grades: A study of materials and methods of instruction in the first three grades.

EDUCATION 213

Child Psychology: A study of changes which take place in the life of a child as a basis for methods of training him. Prerequisite: Education 113.

EDUCATION 223d

Organization, Methods, and Materials for Intermediate Grades: A study of materials and methods in grades four, five, and six. Prerequisite: Education 123.

EDUCATION 223

Organization, Methods and Materials for Secondary Education: This will include the study of adolescent psychology in organization and the curriculum. About one-third to one-half of the time is devoted to junior high school education.



DEPARTMENT OF MODERN LANGUAGE

SPANISH

SPANISH A

This is the beginner's course in Spanish. It is a study of the principles of grammar, with drill in pronunciation, vocabulary and conversation. The classwork is conducted entirely in Spanish.

SPANISH 113, 123

This is the regular freshman course in Spanish. It is open to students who have had two years of high school Spanish. The course comprises reading of modern prose of ordinary difficulty, writing from dictation and drill in pronunciation, oral and composition work, and persistent drill of the fundamental rules of grammar.

SPANISH 213, 233

This course is the regular sophomore course, designed for those students who have had three or four years of high school Spanish.

Extensive parallel reading in Spanish is the keynote of this course. Oral conversation and weekly exercises in composition are a vital part of the course.

FRENCH

FRENCH A

Beginner's French: This is the elementary course in French that is the foundation course for the others which follow. The principles of grammar are studied through the conversational method. Direction and composition work are introduced to some extent.

FRENCH 113, 123

Second-year French.



DEPARTMENT OF HISTORY

European and English history are open to freshmen. English history is required of pre-law students and recommended for those majoring in English. Students may not receive credit for both European and English history. American history is limited to students of sophomore standing. Class notes, collateral reading, term themes, and map study are required.

COURSES IN HISTORY

HISTORY 113

Western Europe. Rapid survey of early civilizations. The trend of history from the disintegration of the Roman Empire to 1789; development of the Middle Ages, with emphasis upon Teutonic contributions, influence of the medieval church, feudal life, and business relations; transition to the modern age, with special reference to the rise of civil states, contacts with distant lands, Renaissance, Reformation, and advance of knowledge.

HISTORY 123

Western Europe. Continuation of History 113. A study of political, social, and economic revolutions and their relation to one another; principles involved in revolutionary changes, modern imperialism, nationalism, and international relations; progress in science, religion, and education; interpretation of problems today.

HISTORY 113d

England. Development of the English constitutional monarchy to 1688; influence of repeated conquests on people of England; forces making for self-government and colonization; background for the Industrial Revolution; English models for American institutions.

HISTORY 123d

England. Continuation of History 113d. Political and economic development of the British Empire; evolution of cabinet govern-

ment; attainment of political democracy; Industrial Revolution and its significance; expansion of the British Empire; modern problems.

HISTORY 213

The United States. Survey of American civilization to 1829; European background; colonization of American political and economic development of the British colonies; discontent and the War for Independence; principles underlying the establishment of a new nation; growth of American nationality; international relations.

HISTORY 223

The United States. Continuation of History 213. Growth of American ideals; westward expansion; general movement for individual freedom; industrial development and labor problems; achievements of American democracy; changing international policies, with emphasis upon Pan-American affairs; cultural progress and social co-operation.

ENGINEERING DRAWING

DRAWING 113

Mechanical drawing, freehand lettering, orthographic projection, pictorial methods, and working drawings. One lecture and eight hours of supervised drafting per week.

DRAWING 123

Descriptive Geometry and continuation of Drawing 113. Includes developed surfaces, intersections, and auxiliary views as well as the point line, line, and plane problems. Three lectures and six hours of supervised problem work per week. Prerequisite: Drawing 113.

COLLEGE ROSTER 1928-1929

Andrews, Beth San Benito	Ceyanes, Rosita Brownsville
Autrey, Vera San Benito	Cuellar, Eugene Brownsville
Autrey, Hubert San Benito	Conley, Hardy San Benito
Alexander, Estelle Brownsville	Dewey, C. R. La Feria
Armstrong, Richard Brownsville	Dever, Evelyn Los Fresnos
Anderson, Margaret Brownsville	Dye, Mrs. Audrey Brownsville
Argueta, Ralph Matamoros, Mex.	Dennis, Dorothy Brownsville
Besteiro, Ernesto Brownsville	Dickinson, Mrs. A. D. Brownsville
Ball, Mary Brownsville	Deen, Mrs. William Brownsville
Ball, William Brownsville	Edgeworth, Edwin Brownsville
Benavides, Simon Brownsville	Earhardt, James San Benito
Bowles, Julia Brownsville	Foster, Mrs. C. G. Brownsville
Burgess, Floyd San Benito	Groves, Hubert Brownsville
Bettin, David Brownsville	Goforth, Bessie Brownsville
Baker, Harlan Rio Hondo	Gragg, John Brownsville
Barnard, Ralph Brownsville	Gannt, Mrs. Helen Brownsville
Bellinghausen, Mary Brownsville	Grantham, Chester Rio Hondo
Blanton, Frances Brownsville	Goldhammer, A. H. Harlingen
Butts, Mrs. Cora Brownsville	Gamble, Fred Harlingen
Branch, Robert Harlingen	Garcia, Alberto Brownsville
Butler, Mrs. Cora Brownsville	George, Billie Brownsville
Carpenter, Lois San Benito	Horton, "Chic" San Benito
Cavazos, Frances Brownsville	Hofheinz, Paulus Brownsville
Ceyanes, Santos Brownsville	Holmes, Frances Harlingen

Hitchcock, Margaret Harlingen	Mahoney, Sister M. Agnes Brownsville
Hanna, Homer El Jardin	Noc, Merle Rio Hondo
Harris, Buster Olmito	Norman, Albert Austin
Harrison, Theresa Brownsville	Neal, John Harlingen
Harris, John Brownsville	Olmsted, Lawrence Brownsville
Hamon, Mrs. Margaret Brownsville	O'Banion, Eugenia Brownsville
Hill, John Brownsville	Pyle, Katherine Kansas City, Mo.
Hill, Catherine Brownsville	Pierce, Josephine Brownsville
Jones, Robert Brownsville	Parker, Darline Kinsley, Kan.
Jones, Charles Harlingen	Peterson, Alfonso Brownsville
Koger, J. E. Harlingen	Rentz, Jack Brownsville
Kleiber, Frederica Brownsville	Ross, Robert Brownsville
Longoria, Manuela Brownsville	Rose, Iola Harlingen
Langford, Ernest Brownsville	Roberts, Truett San Benito
Longoria, Reynaldo Brownsville	Rutledge, Nell San Antonio
Markham, Mrs. Mary Lou Brownsville	Richardson, Elinor Brownsville
Morgan, Wilma Harlingen	Ralph, Henry Brownsville
Milam, Rachel Combe	Rosa, Eugenio de la Brownsville
Markham, D. G. Brownsville	Rice, Aileen North Dakota
Moore, Elizabeth Brownsville	Rice, Ardis North Dakota
Moore, Paul Harlingen	Richardson, Phylous Santa Rosa
Molder, Lonnie Harlingen	Smith, Doris Olmito
Mallory, William San Benito	Sewell, Emmett Brownsville
Myers, Robert San Antonio	Stokeley, Dorothy Brownsville
Marchman, Marguerite Harlingen	Steck, Gladys San Benito

Sanders, George
San Benito
Shelton, Mrs. Cecil
Brownsville
Sublett, Frank
San Benito
Steck, Oscar
San Benito
Shafer, Hugh
San Benito
Thomas, Ilene
Brownsville
Tucker, Annie
Brownsville
Taggart, Martha
Brownsville
Townsend, Robert
Harlingen
Tabor, Fermin
Brownsville
Taylor, Madison
Harlingen
Underwood, Walter
Brownsville
Vertrees, Dorothy
Brownsville
Vela, Sister M. Berchman
Brownsville
Webster, Mrs. Aileen
Brownsville
Whigham, Herschel
McAllen

White, Mrs. George
Brownsville
Watkins, Mrs. H. E.
Brownsville
Williams, Ima
Alto
Worley, Katherine
Brownsville
Wainwright, Margaret
Brownsville
Wilson, Hazel
Sebastian
Wesley, Howard
San Benito
Webster, Ira Jr.
Brownsville
Williams, Belle
Sebastian
Williams, Gracie
Sebastian
Whitehead, Althea
Brownsville
Wentz, William
Harlingen
Young, David
Brownsville
Yzaguirre, Dominga
Brownsville
Zachary, Margaret
Jefferson

COLLEGE ROSTER 1929-1930

Anderson, Margaret Brownsville	Burgess, F. Marvin San Benito
Armstrong, Richard Brownsville	Caldwell, Frank M. El Jardin
Atkins, Jess Beeville	Cavazos, Consuelo Eva Brownsville
Baker, Fenner B. Harlingen	Cavazos, Librada L. Brownsville
Baker, Harlan H. San Benito	Crockett, Preston Brownsville
Ball, Fred A. Brownsville	Clark, Kenneth Brownsville
Ball, Lola Harlingen	Clark, Pauline San Benito
Barrios, Ramirio Brownsville	Critchett, Dallas Los Fresnos
Barnes, Rachel Brownsville	Crockett, Mrs. R. B. Brownsville
Bennett, Harry Brownsville	Cuellar, Eugene O. Brownsville
Benavides, Domingo Brownsville	Dancy, Wendell Brownsville
Berryhill, Annie Lee Brownsville	Dye, Audrey N. Brownsville
Barlett, Lois Brownsville	Ehrhardt, James San Benito
Black, Doris Brownsville	Ezzell, Ben O. San Benito
Blanton, Frances Brownsville	Ferguson, Jack Brownsville
Ball, William Brownsville	Foster, Mrs. Josephine B. Brownsville
Bowie, Chrissie San Benito	Freeman, Bob San Benito
Bowles, Julia E. Los Fresnos	Gamble, Fred Harlingen
Boyd, Arnold Brownsville	Gantt, Mrs. Helen Brownsville
Brantley, Lucille Lyford	Garcia, Ninfa V. Brownsville
Bray, Anastasia Olmito	Garcia, Ricardo Brownsville
Breedlove, Rosalind San Benito	Garcia, Primitivo Brownsville
Brodan, Helen S. Brownsville	Garza, Raul Brownsville
Bullis, Reginald V. Rio Hondo	Gilbert, Mary San Benito

Gilbert, Ruth G. San Benito	Lamberton, Peggy Brownsville
Gobar, Bernard A. Los Fresnos	Lawton, Bob San Benito
Godfrey, Grace O. Harlingen	Lebowitz, Jack San Benito
Gomez, Anthony Brownsville	Lopez, Ana Ofelia Brownsville
Gonzales, Gonzalo Brownsville	Lightfoot, Curtis Harlingen
Grantham, Chester San Benito	Lind, Elna J. Brownsville
Goodrich, George Brownsville	Lindhorn, Paul Brownsville
Groves, Fleta Brownsville	Lowry, Curtis Hillsboro
Green, Hazel Brownsville	Longoria, Manuela Brownsville
Gumm, Marguerite Harlingen	Lozano, Guillermo Harlingen
Hamilton, Mrs. Kathryn D. Brownsville	Lyle, Lucille Alice
Hamon, Mrs. M. T. Brownsville	Marchman, Marguerite Harlingen
Holliday, Floy Harlingen	Marler, Pauline Brownsville
Hanna, Homer Lee El Jardin	Markham, David G. Brownsville
Harris, Marjorie San Benito	Mathews, Beryl San Augustine
Harmon, John B. Brownsville	McCollum, Mary Brownsville
Hofheinz, Paulus Brownsville	Molder, Lonnie Harlingen
Hughes, Mary Nell San Benito	Murphy, Lee San Benito
Hughston, Margaret Brownsville	Monsees, Roswell S. Brownsville
Jones, Robert L. Brownsville	Manry, Bernice Brownsville
Kattz, Leona San Benito	Moore, Paul Harlingen
Kent, J. B. Brownsville	Martin, Callan Brownsville
Kennamer, P. D. Jr. San Benito	Martin, Dudley Brownsville
Kibbe, Frank W. Brownsville	Nelson, C. R. Lockhart
Kleiber, Frederica Brownsville	Newman, Burnell Bloomington, Wis.
Kitzelaman, Eden Chicago, Ill.	Newman, Malcolm Brownsville
Koger, J. E. Harlingen	Oakes, Olive Brownsville
Langford, Ernest H. Brownsville	O'Bryan, Robert L. Brownsville

Olnsted, Lawrence R. Brownsville	Shapiro, Sarah Belle Brownsville
Owen, Earl Harlingen	Siderius, Lorraine San Benito
Pacheco, Alfonso Brownsville	Singer, Pauline Brownsville
Pacheco, Flodia Brownsville	Sommer, Norman M. La Feria
Parker, Darline Brownsville	Stobaugh, Minnie Maud Brownsville
Pingenot, John Cline, Texas	Stringfellow, Nancy Brownsville
Pipkin, Maurice San Antonio	Suero, Alexander del Valle Cuba
Powell, George San Benito	Sylvester, John W. Brownsville
Ramsey, Ernestine San Benito	Taylor, Madison I. Mercedes
Reece, Juanita Brownsville	Tabor, Delsie San Benito
Rork, Milton San Benito	Thomas, Etta Carol Brownsville
Renfrow, Floretta El Jardin	Underwood, Walter W. Brownsville
Richardson, Elinor Brownsville	Vertrees, Dorothy Una Brownsville
Rodriguez, Steve Harlingen	Vivier, Mary Emma Brownsville
Roy, Eugene Brownsville	Washington, Elizabeth Brownsville
Rose, Cleo Harlingen	Waterman, Bill Brownsville
Rose, Iola Harlingen	Webster, Emerson B. Rio Hondo
Rosa, Roberto de la Brownsville	Webster, Ira, Jr. Brownsville
Rosa, Rodolfo de la Brownsville	Wells, Josie San Benito
Rowe, Elizabeth Brownsville	Weber, Victor Marion, Ill.
Rowe, Mary Margaret Brownsville	Wesley, Howard San Benito
Sanders, Nell San Benito	Williams, Gracie Sebastian
Sealey, Eugene San Benito	Wilson, Jerome Harlingen
Sealey, Willis K. San Benito	Wright, John W. Harlingen
Scheiderman, Sylvester Harlingen	Young, David Brownsville
Schultz, Mildred Brownsville	Zimmer, Monica Bay City, Mich.
Senterfitt, Clifford Mercedes	Zackary, Margaret Jefferson, Texas
Sethman, Francis Brownsville	



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THE UNIVERSITY OF TEXAS
PAN AMERICAN/EDINBURG, TEXAS

1911

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