

Hidalgo Early College District Toolkit

Dear Parents, Guardians, and Students,

Welcome to a new school year at Hidalgo Early College High School. You are about to enter the most challenging, exciting, and demanding period of your life, a period of transition and change. The mission of Hidalgo Early College High School is to prepare our students for post secondary education and careers as well as to develop a commitment to achieve citizenship and lifelong learning. We have made great efforts in creating a high school characterized by high performance expectations, trusting relationships, improved teaching and learning, small learning communities, and student advocacy programs. Our philosophy in pursuing this mission is to provide opportunities for all students to develop their talents and achieve their potential.

As you review the curriculum/course selection guide, please note the extensive and comprehensive nature of the courses, which our high school offers. We work very hard to prepare a curriculum that will better prepare our students for the workforce and for post secondary education including professional technical education. Together with your parents and counselors select your courses carefully and take full advantage of the opportunities listed within this guide. You should rely heavily on our counselors for guidance and advice when designing your personalized program.

I strongly encourage you to set high goals and to apply your intellect, energy and talents so that upon graduation, you will find yourself thoroughly prepared to pursue the next phase of your life. To this end, I encourage you to take the fullest advantage of all that our high school's program has to offer.

Once again, welcome to Hidalgo Early College High School. We look forward to working with you and we are always ready to assist you in anyway necessary. Together, we will make it an eventful year to achieve great things.

Go Pirates!

Thank you,

Jose M. Rangel,
Principal

TABLE OF CONTENTS

Texas State Graduation Requirements	2
Texas Scholars	14
Advanced Academic Services	15
General Information	17
Course Description	
English.....	27
Mathematics	31
Social Studies	35
Sciences.....	38
Art, Communication & Media	40
Business & Marketing	44
Health Sciences	48
Human Services	50
Industrial and Engineering Technology	52
Personal & Protective Services	54
Language Other Than English	55
Military Sciences	57
Physical Education, Athletics, and Health	57
College Courses.....	60

The Hidalgo Independent School District does not discriminate on the basis of race, color, national origin, sex or handicap in providing education services. The principal has been designated to coordinate compliance with the nondiscrimination of requirements Title IX and to coordinate compliance with the nondiscrimination requirements of Section 504 of the Rehabilitation Act. You are hereby notified that pursuant to the requirements of the rehabilitation Act of 1973 this school district does not discriminate on the basis of handicap in any of the programs and services offered by the district. Qualified students with handicaps are entitled to be provided with regular or special education and related aids and services that are designed to meet individual educational needs as adequately as the needs of non-handicapped persons are met. You may contact the school for more information and for names of the person or persons in the district responsible for coordinating the district's efforts to comply with this law.

Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2007-2008, and Thereafter
(Revised Summer 2009)

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
ENGLISH LANGUAGE ARTS & READING*	<p>Four credits:</p> <ul style="list-style-type: none"> ◆ English I, II, III, and IV ◆ English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency. 	<p>Four credits:</p> <ul style="list-style-type: none"> ◆ English I, II, III, and IV ◆ English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency.
MATHEMATICS*	<p>Four credits</p> <p>Three Credits must consist of:</p> <ul style="list-style-type: none"> ◆ Algebra I, ◆ Geometry ◆ Algebra II <p>Fourth credit must consist of SBOE approved math course.</p> <ul style="list-style-type: none"> ◆ Math Models with Applications (<i>must be taken before Algebra II</i>) ◆ Pre-calculus ◆ Independent Study in Mathematics ◆ AP Statistics ◆ AP Calculus AB ◆ AP Calculus BC ◆ AP Computer Science and ◆ Concurrent enrollment in college course 	<p>Four credits</p> <p>Three Credits must consist of:</p> <ul style="list-style-type: none"> ◆ Algebra I, ◆ Geometry and ◆ Algebra II. <p>Fourth credit must consist of SBOE approved math course.</p> <ul style="list-style-type: none"> ◆ Pre-calculus ◆ Independent Study in Mathematics ◆ AP Statistics ◆ AP Calculus AB ◆ AP Calculus BC ◆ AP Computer Science and ◆ Concurrent enrollment in college course
SCIENCE*	<p>Four credits:</p> <p>One credit must consist of:</p> <ul style="list-style-type: none"> ◆ Biology <p>Two credits to be completed by taking one course from two of the following areas.</p> <ul style="list-style-type: none"> ◆ Integrated Physics and Chemistry ◆ Chemistry or Pre-AP Chemistry, ◆ Physics or Pre-AP Physics or Principles of Technology I <p>After successful completion of biology, chemistry and physics course a student may select the fourth required credit from any of the following courses.</p> <ul style="list-style-type: none"> ◆ AP Environmental Science ◆ Anatomy & Physiology of Human systems ◆ AP Biology ◆ AP Chemistry ◆ AP Physics 	<p>Four credits:</p> <p>Must consist of:</p> <ul style="list-style-type: none"> ◆ Biology credit (Biology or Pre-AP biology) ◆ Chemistry credit (Chemistry or Pre-AP Chemistry) ◆ Physics credit (Chemistry or Pre-AP Physics) <p>After successful completion of biology, chemistry and physics course a student may select the fourth required credit from any of the following courses.</p> <ul style="list-style-type: none"> ◆ AP Environmental Science ◆ Anatomy & Physiology of Human systems. ◆ AP Biology ◆ AP Chemistry ◆ AP Physics

Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2007-2008, and Thereafter, Continued
(Revised Summer 2009)

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
SOCIAL STUDIES*	<p>Three and one-half credits must consist of:</p> <ul style="list-style-type: none"> ◆ World Geography Studies (one credit) ◆ World History Studies (one credit) ◆ U.S. History Studies Since Reconstruction, and ◆ U.S. Government (one -half credit). 	<p>Three and one-half credits must consist of:</p> <ul style="list-style-type: none"> ◆ World Geography Studies (one credit) ◆ World History Studies (one credit) ◆ U.S. History Studies Since Reconstruction, and ◆ U.S. Government (one -half credit).
ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM & ITS BENEFITS*	One-half credit	One-half credit
PHYSICAL EDUCATION	<p>One credit</p> <p>Can substitute:</p> <ul style="list-style-type: none"> ◆ Marching Band ◆ JROTC ◆ Athletics ◆ Folklorico ◆ Dance ◆ Colorguard ◆ CTE Equivalent classes ◆ TICP (3 Credits) 	<p>One and a half credit to include Foundations of Personal Fitness (one-half credit)</p> <p>Can substitute:</p> <ul style="list-style-type: none"> ◆ Marching Band ◆ JROTC ◆ Athletics ◆ Folklorico ◆ Dance ◆ Colorguard ◆ CTE Equivalent classes ◆ TICP (3 Credits)
HEALTH EDUCATION	<p>One-half credit selected from either: <i>(Will be counted as State required elective)</i></p> <ul style="list-style-type: none"> ◆ Health I or, <p>One credit selected from:</p> <ul style="list-style-type: none"> ◆ Health Science Technology I 	<p>One-half credit selected from either:</p> <ul style="list-style-type: none"> ◆ Health I or, <p>One credit selected from:</p> <ul style="list-style-type: none"> ◆ Health Science Technology I
LANGUAGES OTHER THAN ENGLISH*	<p>Two credits must consist of:</p> <ul style="list-style-type: none"> ◆ Level I and II in the same language. 	<p>Three credits must consist of:</p> <ul style="list-style-type: none"> ◆ Level I, II, and III in the same language.

*College Board advanced placement courses may be substituted for requirements in appropriate areas.

▲Minimum Graduation Plan (24 credits) HB 1144 requires that students entering the 9th grade in the 2004-2005 school year and thereafter, enroll in either the recommended or advanced high school program (DAP). Students will be allowed in and to complete courses under the minimum high school program, only after agreement of the students' parents, school counselor or administrator.

Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2007-2008, and Thereafter, Continued
(Revised Summer 2009)

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
FINE ARTS *	<p>One credit selected from either:</p> <ul style="list-style-type: none"> ◆ Band ◆ Mariachi ◆ Theatre ◆ Art I & II ◆ Folkloric ◆ Choir ◆ Ensemble Guitar ◆ Dance I, II, & III ◆ AP Music Theory ◆ AP Art Studio 	<p>One credit selected from either:</p> <ul style="list-style-type: none"> ◆ Band ◆ Mariachi ◆ Theatre ◆ Art I & II ◆ Folkloric ◆ Choir ◆ Ensemble Guitar ◆ Dance I, II, & III ◆ AP Music Theory ◆ AP Art Studio
SPEECH	<p>One-half credit must consist of:</p> <ul style="list-style-type: none"> ◆ Communication Applications 	<p>One-half credit must consist of:</p> <ul style="list-style-type: none"> ◆ Communication Applications
TECHNOLOGY APPLICATIONS	<p>One credit selected from either: <i>(Will be counted as State required elective)</i></p> <ul style="list-style-type: none"> ◆ Business Computer Information Systems I ◆ Business Computer Information Systems II ◆ Business Imaging & Multimedia ◆ Introduction to computer science and business I (Oracle) ◆ Introduction to computer science and business II (Oracle) ◆ PAP Computer Science ◆ AP Computer Science 	<p>One credit selected from either:</p> <ul style="list-style-type: none"> ◆ Business Computer Information Systems I ◆ Business Computer Information Systems II ◆ Business Imaging & Multimedia ◆ Introduction to computer science and business I (Oracle) ◆ Introduction to computer science and business II (Oracle) ◆ PAP Computer Science ◆ AP Computer Science
ADDITIONAL COMPONENTS	<p>Six and a half credits selected from either:</p> <ul style="list-style-type: none"> ◆ Courses approved by SBOE for Grades 9-12 as specified under 19 TAC 74.1 (relating to Essential Knowledge and Skills); ◆ Junior Reserve Officer Training Corps (JROTC) (one to four credits) 	<p>Three and a half credits selected from either:</p> <ul style="list-style-type: none"> ◆ Courses approved by SBOE for Grades 9-12 as specified under 19 TAC 74.1 (relating to Essential Knowledge and Skills); ◆ Junior Reserve Officer Training Corps (JROTC) (one to four credits)

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Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2007-2008 and Thereafter, Continued
(Revised Summer 2009)

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
ADVANCED MEASURES	None	<p>Standards for Approval of Requirements:</p> <ul style="list-style-type: none"> ◆ The measures must focus on demonstrated student performance at the college or professional level. ◆ Student performance on advanced measures must be assessed through an external review process. <p>Requirements: <i>A student must achieve any combination of four of the following:</i></p> <ul style="list-style-type: none"> ✓ Original research/project: judged by a panel of professionals in the field that is the focus of the project; or conducted under the direction of mentor(s) and reported to an appropriate audience; and related to the required curriculum set forth in 19 TAC 74.1 (relating to Essential Knowledge and Skills). may not be used for more than two of the four advanced measures. Test Data: ✓ A score of three or above on The College Board Advanced Placement examination during junior year; ✓ a score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a student for recognition as a Commended Scholar or higher by the National Hispanic Program of the College Board; or as part of the National Achievement Scholarship Program for Outstanding Negro Students of the National Merit Scholarship Corporation. The PSAT score may count as only one advanced measure regardless of the number of honors received by the student. <p>College courses:</p> <ul style="list-style-type: none"> ✓ A Final grade of 80% or 3.0 or higher on courses that count for college credit, including Tech Prep articulated courses.
TOTAL CREDITS	27 ⁺	27 ⁺

* College Board advanced placement courses may be substituted for requirements in appropriate areas.

⁺ Must pass all Exit Level TAKS.

[▲]Minimum Graduation Plan (24 credits) HB 1144 requires that students entering the 9th grade in the 2004-2005 school year and thereafter, enroll in either the recommended or advanced high school program (DAP). Students will be allowed in and to complete courses under the minimum high school program, only after agreement of the students' parents, school counselor or administrator.

**Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2006-2007**

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
ENGLISH LANGUAGE ARTS & READING*	<p>Four credits:</p> <ul style="list-style-type: none"> ◆ English I, II, III, and IV ◆ English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency. 	<p>Four credits:</p> <ul style="list-style-type: none"> ◆ English I, II, III, and IV ◆ English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency.
MATHEMATICS*	<p>Three credits</p> <p>Must consist of:</p> <ul style="list-style-type: none"> ◆ Algebra I, ◆ Geometry and ◆ Algebra II. 	<p>Three credits</p> <p>Must consist of:</p> <ul style="list-style-type: none"> ◆ Algebra I, ◆ Geometry and ◆ Algebra II.
SCIENCE*	<p>Four credits:</p> <p>Three credits must consist of:</p> <ul style="list-style-type: none"> ◆ IPC or Pre-AP IPC, Biology or Pre-AP Biology, and Chemistry or Pre-AP Chemistry <p>The remaining credit must be selected from.</p> <ul style="list-style-type: none"> ◆ AP Chemistry ◆ AP Environmental Science ◆ Anatomy & Physiology ◆ Physics or Pre-AP Physics ◆ Principles of Technology ◆ AP Physics 	<p>Four credits:</p> <p>Three credits must consist of:</p> <ul style="list-style-type: none"> ◆ IPC or Pre-AP IPC, Biology or Pre-AP Biology, and Chemistry or Pre-AP Chemistry <p>The remaining credit must be selected from.</p> <ul style="list-style-type: none"> ◆ AP Chemistry ◆ AP Environmental Science ◆ Anatomy & Physiology ◆ Physics or Pre-AP Physics ◆ AP Physics

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[▲]Minimum Graduation Plan (24 credits) HB 1144 requires that students entering the 9th grade in the 2004-2005 school year and thereafter, enroll in either the recommended or advanced high school program (DAP). Students will be allowed in and to complete courses under the minimum high school program, only after agreement of the students' parents, school counselor or administrator.

**Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2006-2007, Continued**

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
SOCIAL STUDIES*	Three and one-half credits must consist of: <ul style="list-style-type: none"> ◆ World Geography (one credit) ◆ World History (one credit) ◆ U.S. History (Since Reconstruction), and ◆ U.S. Government (one -half credit). 	Three and one-half credits must consist of: <ul style="list-style-type: none"> ◆ World Geography (one credit) ◆ World History (one credit) ◆ U.S. History (Since Reconstruction), and ◆ U.S. Government (one -half credit)
ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM & ITS BENEFITS*	One-half credit	One-half credit
PHYSICAL EDUCATION	One and one-half credit Student's must choose from: <ul style="list-style-type: none"> ◆ Marching Band ◆ JROTC ◆ Athletics ◆ Folklorico ◆ Dance ◆ Color guard ◆ CTE Equivalent classes (2 –3 Credits) 	One and one-half credit Student's must choose from: <ul style="list-style-type: none"> ◆ Marching Band ◆ JROTC ◆ Athletics ◆ Folklorico ◆ Dance ◆ Color guard ◆ CTE Equivalent classes (2 –3 Credits)
HEALTH EDUCATION	One-half credit selected from either: <ul style="list-style-type: none"> ◆ Health or, one credit of ◆ Health Science Technology I 	One-half credit selected from either: <ul style="list-style-type: none"> ◆ Health or, one credit of ◆ Health Science Technology I
LANGUAGES OTHER THAN ENGLISH*	Two credits must consist of: <ul style="list-style-type: none"> ◆ Level I and II in the same language. 	Three credits must consist of: <ul style="list-style-type: none"> ◆ Level I, II, and III in the same language.

*College Board advanced placement courses may be substituted for requirements in appropriate areas.

▲Minimum Graduation Plan (24 credits) HB 1144 requires that students entering the 9th grade in the 2004-2005 school year and thereafter, enroll in either the recommended or advanced high school program (DAP). Students will be allowed in and to complete courses under the minimum high school program, only after agreement of the students' parents, school counselor or administrator.

**Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2006-2007, Continued**

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
FINE ARTS *	One credit selected from either: <ul style="list-style-type: none"> ◆ Band ◆ Color guard ◆ Mariachi ◆ Theatre ◆ Art ◆ Folkloric ◆ Choir ◆ Ensemble Guitar ◆ Dance ◆ Pre-AP Music Theory ◆ AP Music Theory ◆ AP Art Studio 	One credit selected from either: <ul style="list-style-type: none"> ◆ Band ◆ Color guard ◆ Mariachi ◆ Theatre ◆ Art ◆ Folkloric ◆ Choir ◆ Ensemble Guitar ◆ Dance ◆ Pre-AP Music Theory ◆ AP Music Theory ◆ AP Art Studio
SPEECH	One-half credit must consist of: <ul style="list-style-type: none"> ◆ Communication Applications 	One-half credit must consist of: <ul style="list-style-type: none"> ◆ Communication Applications
TECHNOLOGY APPLICATIONS	One credit selected from either: <ul style="list-style-type: none"> ◆ Computer Science ◆ Business Computer Information Systems I ◆ Business Computer Information Systems II ◆ Business Computer Programming ◆ Desktop Publishing ◆ Business Imaging & Multimedia ◆ Database Fundamentals (Oracle I) ◆ Database Programming (Oracle II) 	One credit selected from either: <ul style="list-style-type: none"> ◆ Computer Science ◆ Business Computer Information Systems I ◆ Business Computer Information Systems II ◆ Business Computer Programming ◆ Desktop Publishing ◆ Business Imaging & Multimedia ◆ Database Fundamentals (Oracle I) ◆ Database Programming (Oracle II)
ADDITIONAL COMPONENTS	Five credits selected from <ul style="list-style-type: none"> ◆ State approved courses in any career pathway. 	Four credits selected from <ul style="list-style-type: none"> ◆ State approved courses in any career pathway.
KEYBOARDING	One-half credit	One-half credit

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[▲]Minimum Graduation Plan (24 credits) HB 1144 requires that students entering the 9th grade in the 2004-2005 school year and thereafter, enroll in either the recommended or advanced high school program (DAP). Students will be allowed in and to complete courses under the minimum high school program, only after agreement of the students' parents, school counselor or administrator.

**Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2006-2007, Continued**

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
ADVANCED MEASURES	None	<p>Standards for Approval of Requirements:</p> <ul style="list-style-type: none"> ◆ The measures must focus on demonstrated student performance at the college or professional level. ◆ Student performance on advanced measures must be assessed through an external review process. <p>Requirements: <i>A student must achieve any combination of four of the following:</i></p> <ul style="list-style-type: none"> ✓ Original research/project: judged by a panel of professionals in the field that is the focus of the project; or conducted under the direction of mentor(s) and reported to an appropriate audience; and related to the required curriculum set forth in 19 TAC 74.1 (relating to Essential Knowledge and Skills). may not be used for more than two of the four advanced measures. Test Data: <ul style="list-style-type: none"> ✓ A score of three or above on The College Board Advanced Placement examination during junior year; ✓ a score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a student for recognition as a Commended Scholar or higher by the National Hispanic Program of the College Board; or as part of the National Achievement Scholarship Program for Outstanding Negro Students of the National Merit Scholarship Corporation. The PSAT score may count as only one advanced measure regardless of the number of honors received by the student. College courses: <ul style="list-style-type: none"> ✓ A Final grade of 80% or 3.0 or higher on courses that count for college credit, including Tech Prep articulated courses.
TOTAL CREDITS	27 ⁺	27 ⁺

* College Board advanced placement courses may be substituted for requirements in appropriate areas.

⁺ Must pass all Exit Level TAKS.

[▲]Minimum Graduation Plan (24 credits) HB 1144 requires that students entering the 9th grade in the 2004-2005 school year and thereafter, enroll in either the recommended or advanced high school program (DAP). Students will be allowed in and to complete courses under the minimum high school program, only after agreement of the students' parents, school counselor or administrator.

**Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2004-2005 and 2005-2006**

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
ENGLISH LANGUAGE ARTS & READING*	<p>Four credit:</p> <ul style="list-style-type: none"> ◆ English I, II, III, and IV ◆ English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency. 	<p>Four credit:</p> <ul style="list-style-type: none"> ◆ English I, II, III, and IV ◆ English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency.
MATHEMATICS*	<p>Three credits</p> <p>Must consist of:</p> <ul style="list-style-type: none"> ◆ Algebra I, ◆ Geometry and ◆ Algebra II. 	<p>Three credits</p> <p>Must consist of:</p> <ul style="list-style-type: none"> ◆ Algebra I, ◆ Geometry and ◆ Algebra II.
SCIENCE*	<p>Three credits must consist of:</p> <ul style="list-style-type: none"> ◆ IPC or Pre-AP IPC, Biology or Pre-AP Biology, and Chemistry or Pre-AP Chemistry <p>Students are encouraged to take additional science classes.</p> <p>Students may select from:</p> <ul style="list-style-type: none"> ◆ AP Chemistry ◆ AP Environmental Science ◆ Physics or Pre AP Physics ◆ Anatomy & Physiology ◆ Principles of Technology ◆ AP Physics 	<p>Three credits must consist of:</p> <ul style="list-style-type: none"> ◆ IPC or Pre-AP IPC, Biology or Pre-AP Biology, and Chemistry or Pre-AP Chemistry <p>Students are encouraged to take additional science classes.</p> <p>Students may select from:</p> <ul style="list-style-type: none"> ◆ AP Chemistry ◆ AP Environmental Science ◆ Physics or Pre AP Physics ◆ Anatomy & Physiology ◆ AP Physics

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▲Minimum Graduation Plan (24 credits) HB 1144 requires that students entering the 9th grade in the 2004-2005 school year and thereafter, enroll in either the recommended or advanced high school program (DAP). Students will be allowed in and to complete courses under the minimum high school program, only after agreement of the students' parents, school counselor or administrator.

**Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2004-2005 and 2005-2006, Continued**

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
SOCIAL STUDIES*	Three and one-half credits must consist of: <ul style="list-style-type: none"> ◆ World Geography (one credit) ◆ World History (one credit) ◆ U.S. History (one credit), and ◆ U.S. Government (one -half credit). 	Three and one-half credits must consist of: <ul style="list-style-type: none"> ◆ World Geography (one credit) ◆ World History (one credit) ◆ U.S. History (one credit), and ◆ U.S. Government (one -half credit).
ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM & ITS BENEFITS*	One-half credit	One-half credit
PHYSICAL EDUCATION	One and one-half credits Can substitute: <ul style="list-style-type: none"> ◆ Marching Band ◆ JROTC ◆ Athletics ◆ Folklorico ◆ Dance ◆ Color guard ◆ CTE Equivalent classes (2 or 3 Credits) 	One and one-half credits Can substitute: <ul style="list-style-type: none"> ◆ Marching Band ◆ JROTC ◆ Athletics ◆ Folklorico ◆ Dance ◆ Color guard ◆ CTE Equivalent classes (2 or 3 Credits)
HEALTH EDUCATION	One-half credit selected from either: <ul style="list-style-type: none"> ◆ Health I or one of ◆ Health Science Technology I 	One-half credit selected from either: <ul style="list-style-type: none"> ◆ Health I or one of ◆ Health Science Technology I
LANGUAGES OTHER THAN ENGLISH*	Two credits must consist of: <ul style="list-style-type: none"> ◆ Level I and II in the same language. 	Three credits must consist of: <ul style="list-style-type: none"> ◆ Level I, II, and III in the same language.

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▲Minimum Graduation Plan (24 credits) HB 1144 requires that students entering the 9th grade in the 2004-2005 school year and thereafter, enroll in either the recommended or advanced high school program (DAP). Students will be allowed in and to complete courses under the minimum high school program, only after agreement of the students' parents, school counselor or administrator.

**Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2004-2005 and 2005-2006, Continued**

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
FINE ARTS *	One credit selected from either: <ul style="list-style-type: none"> ◆ Band ◆ Mariachi ◆ Theatre ◆ Art ◆ Folkloric ◆ Choir ◆ Ensemble Guitar ◆ Dance I, II, & III ◆ AP Music Theory ◆ AP Art Studio 	One credit selected from either: <ul style="list-style-type: none"> ◆ Band ◆ Mariachi ◆ Theatre ◆ Art ◆ Folkloric ◆ Choir ◆ Ensemble Guitar ◆ Dance I, II, & III ◆ AP Music Theory ◆ AP Art Studio
SPEECH	One-half credit must consist of: <ul style="list-style-type: none"> ◆ Communication Applications 	One-half credit must consist of: <ul style="list-style-type: none"> ◆ Communication Applications
TECHNOLOGY APPLICATIONS	One credit selected from either: <ul style="list-style-type: none"> ◆ Computer Science ◆ Business Computer Information Systems I ◆ Business Computer Programming, ◆ Desktop Publishing, ◆ Business Imaging & Multimedia ◆ Database Fundamental (Oracle) ◆ Database Programming (Oracle) 	One credit selected from either: <ul style="list-style-type: none"> ◆ Computer Science ◆ Business Computer Information Systems I ◆ Business Computer Programming, ◆ Desktop Publishing, ◆ Business Imaging & Multimedia ◆ Database Fundamental (Oracle) ◆ Database Programming (Oracle)
ADDITIONAL COMPONENTS	Six credits selected from either: <ul style="list-style-type: none"> ◆ Courses approved by SBOE for Grades 9-12 as specified under 19 TAC 74.1 (relating to Essential Knowledge and Skills); ◆ Junior Reserve Officer Training Corps (JROTC) (One to four credits) 	Five credits selected from either: <ul style="list-style-type: none"> ◆ Courses approved by SBOE for Grades 9-12 as specified under 19 TAC 74.1 (relating to Essential Knowledge and Skills); ◆ Junior Reserve Officer Training Corps (JROTC) (one to four credits)
KEYBOARDING	One-half credit	One-half credit

*College Board advanced placement courses may be substituted for requirements in appropriate areas.

[▲]Minimum Graduation Plan (24 credits) HB 1144 requires that students entering the 9th grade in the 2004-2005 school year and thereafter, enroll in either the recommended or advanced high school program (DAP). Students will be allowed in and to complete courses under the minimum high school program, only after agreement of the students' parents, school counselor or administrator.

**Hidalgo High School Graduation Requirements[▲]
For Students Entering Grade 9 in 2004-2005 and 2005-2006, Continued**

Discipline	Recommended High School Program (27 credits)	Distinguished Achievement Program (27 credits)
ADVANCED MEASURES	None	<p>Standards for Approval of Requirements:</p> <ul style="list-style-type: none"> ◆ The measures must focus on demonstrated student performance at the college or professional level. ◆ Student performance on advanced measures must be assessed through an external review process. <p>Requirements: <i>A student must achieve any combination of four of the following:</i></p> <ul style="list-style-type: none"> ✓ Original research/project: judged by a panel of professionals in the field that is the focus of the project; or conducted under the direction of mentor(s) and reported to an appropriate audience; and related to the required curriculum set forth in 19 TAC 74.1 (relating to Essential Knowledge and Skills). may not be used for more than two of the four advanced measures. Test Data: <ul style="list-style-type: none"> ✓ A score of three or above on The College Board Advanced Placement examination during junior year; ✓ a score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a student for recognition as a Commended Scholar or higher by the National Hispanic Program of the College Board; or as part of the National Achievement Scholarship Program for Outstanding Negro Students of the National Merit Scholarship Corporation. The PSAT score may count as only one advanced measure regardless of the number of honors received by the student. College courses: <ul style="list-style-type: none"> ✓ A Final grade of 80% or 3.0 or higher on courses that count for college credit, including Tech Prep articulated courses.
TOTAL CREDITS	27 ⁺	27 ⁺

* College Board advanced placement courses may be substituted for requirements in appropriate areas.

⁺ Must pass all Exit Level TAKS.

[▲]Minimum Graduation Plan (24 credits) HB 1144 requires that students entering the 9th grade in the 2004-2005 school year and thereafter, enroll in either the recommended or advanced high school program (DAP). Students will be allowed in and to complete courses under the minimum high school program, only after agreement of the students' parents, school counselor or administrator.

TECH PREP TEXAS SCHOLARS

A Tech Prep Texas Scholar must:

- Take the courses required by the Texas Scholars/Recommended High School Program or Distinguished Achievement Program.
- Sign a declaration of intent to be a Tech Prep Scholar.
- Take at least one articulated course as part of the high school graduation program, successfully completing with a minimum grade of 80%. A “Tech Prep Articulated Course” is a high school course for which the school district and STCC/TSTC have agreed that the student can receive college credit.
- Have at least a four –year plan of study with two or more Career and Technology courses for three or more credits.

The 27credit high school recommended plan is as follows:

Tech Prep Texas Scholars Requirements	
English, Language Arts, and Reading	4 credits
Mathematics	4 credits
Science	4 credits
Social Studies	3.5 credits
Economics with Emphasis on the Free Enterprise	0.5 credit
Language other than English	2 credits
Physical Education	1.5 credits
Health Ed. Or Health Science Technology	0.5 credit
Technology Application	1 credit
Fine Arts	1 credit
Communication Application	0.5 credit
Additional Components (Electives)	4.5 credits
TOTAL	27 credits
NOTE: Taking a sequence of career and technology courses with at least one being a college credit Tech Prep articulated course would ensure that the student meets the requirements to graduate as a Tech Prep Texas Scholar.	

TEXAS SCHOLARS

Texas Scholars Requirements	
English	4 credits
Mathematics	4 credits
Science	4 credits
History/Geography/Government/Economics	4 credits
Language other than English	2 credits
Physical Education	1.5 credits
Health	0.5 credit
Technology Application	1 credit
Fine Arts	1 credit
Communication Application	0.5 credit
Elective	4.5 credits
TOTAL	27 credits
NOTE: Students who graduate under the Recommended High School Program or Distinguished Achievement Program will become eligible to participate in the Texas Scholars Program.	

Requirements for Texas Scholars for entering Freshmen 2006-2007

1. Graduate from high school having completed at least the Texas Recommended High School Program,
2. Achieve a Texas Ready standard on at least one of several standardized tests (THEA, COMPASS, ACCUPLACER, ASSET, SAT,ACT), and
3. Develop and carryout a High School and Beyond plan for their four years of high school and transition to college, the workplace, the military, or some other endeavor of their choosing.

ADVANCED ACADEMIC SERVICES

ADVANCED PLACEMENT PROGRAM

Hidalgo Early College High School encourages and challenges all students to participate in the Advanced Placement program by enrolling in various AP courses offered at the campus. Advanced Placement program has an open enrollment policy.

Pre-AP and AP Courses

PRE-AP COURSES

Pre-AP English I
Pre-AP English II
Pre-AP Algebra I
Pre-AP Geometry
Pre-AP Pre-Calculus
Pre-AP Algebra II
Pre-AP Biology I
Pre-AP Chemistry
Pre-AP Physics
Pre-AP World Geography
Pre-AP World History
Pre-AP Spanish Literature
Pre-AP Music Theory
Pre-AP Computer Science(New)

AP COURSES

AP English III Language and Composition
AP English IV Literature
AP Calculus (AB)
AP Calculus (BC) (New)
AP Physics (A)
AP Chemistry
AP Biology
AP Environmental Science
AP U.S. History
AP Statistics
AP Macroeconomics
AP U.S. Government
AP Spanish Language
AP Spanish Literature
AP Music Theory
AP Studio Art
AP Computer Science

AP Program Exit Policy For Entering Grade 9 in 2005-2006 and thereafter

A student will be exited from this course at a student/parent's request after a conference with the student, parent, teacher and administrator or counselor in which it is determined that it is in the student's best interest.

- A student who is failing with a grade below 65 at the 3-week period will require a conference with teacher, parent, and student.
- If student's grade is below a 70% at the end of the 6-week grading period, a second conference will be required to remain in the program on probation.
- A student who fails (below 70%) for 2 consecutive 6-weeks will be considered for program exit. A conference will be held with the teacher, parent, student, counselor, and administrator in order to determine if it is in the student's best interest to exit the program.

Pre-AP/AP classes will be challenging. The pace will be faster. The curriculum will also be covered more in depth. Higher-level thinking will be emphasized. Students who successfully complete Pre-AP/AP course work will be better prepared for college entrance exams. If you want a more challenging learning experience and you qualify, be sure to select Pre-AP/AP course on your schedule.

GIFTED AND TALENTED PROGRAM

The purpose of this program is to challenge and prepare those students who are capable of very high performance in specific subject areas. Students will be selected for the GT program based on test scores, grades, and nominations. Students must have the consent of their parents to participate in this program. Students participating in the GT program will be expected to do work above and beyond that which is required of other students in the same course. Research, projects and investigations are examples of the type of enriched learning experiences in which GT students will take part. For more information on this program, see a counselor or administrator. Hidalgo I. S. D. serves its gifted and talented student population at the high school level through the Pre-Advanced Placement and Advanced Placement courses.

GENERAL INFORMATION

ADDING/DROPPING A COURSE

After pre-registration, **students may request schedule changes until April 16, 2009.** During the regular school year a student is allowed to request for a change at the beginning of each semester within the first two weeks of the semester (or initial enrollment) for the following reasons: incomplete schedule, two classes at the same period, missing one or more classes required for graduation, not having the prerequisites, co-op work requirement, or repeating a course already completed. After the two-week period no student may change his or her class. Extenuating circumstances may be discussed with the principal.

Students who are currently enrolled in a college course and AP course must stay in the AP course till the end of the semester. If a student wants to drop a college course he or she must meet the deadline for dropping the course of the college or university they are currently enrolled. If a student elects to drop an AP class he or she must drop the college course when the student drops the AP course.

MINIMUM ENROLLMENT

A course with an enrollment of fewer than ten students may be combined with a similar course, or it may be cancelled.

TRANSCRIPTS

Every grade that a student has achieved will appear on the student's transcript whether he/she has lost credit for the course, has failed the course, or has repeated the course.

ADDITIONAL INFORMATION

1. All students, even seniors, must be enrolled for eight credits. The principal must approve any exceptions.
2. Students who have been classified as Limited English Proficient (LEP) by the Language Proficiency Advisory Committee may be assigned to ESOL and/or Reading in place of electives. This placement is based on TAKS scores.
3. Some of the courses listed in this booklet require teacher approval. Please get the teacher's signature.
4. The courses required for special education students will be determined by the ARD Committee.
5. SAT/ACT, THE, TAKS Lang./Soc. Studies, TAKS Math/ Science, Athletics (3rd & 4th year), Ballet Folkloric (3rd & 4th year), P.E. (3rd & 4th year) will be awarded local credit.
6. Students must select a career pathway and complete a tentative four-year plan.

OPTIONS FOR EARNING HIGH SCHOOL CREDIT

Credit by Examination

The "Credit by Examination" (CBE) option conforms to the Texas Education Agency policy permitting students to earn unlimited credits by examinations. Examinations are comparable to comprehensive terminal tests in equivalent high school courses. If a student had formal instruction in a course and achieved a grade lower than a 69, credit by examination may be an option. If the student had previous instruction, the student must score a 70 or better in order to receive credit. If a student had **no** previous instruction, the student must score a 90 in order to receive credit. Credit by examination shall not be used to gain eligibility for participation in extracurricular activities.

DUAL, CONCURRENT AND ARTICULATION ENROLLMENT

ELIGIBILITY, ENROLLMENT PROCEDURES

Qualified Hidalgo ISD students shall be awarded both high school and college credits for satisfactory completion of university courses taken under the auspices of an accredited university's dual credit program.

A student must qualify for admission under the requirements of the university or college from which he/she is receiving credit under the dual credit program and receive approval from the high school principal prior to enrollment based upon recommendations from the counselor and the appropriate high school teacher(s).

The student shall submit an application for each course and approval is required on a course-by-course basis.

Student must pass all three areas of the THEA exam.

REQUIREMENTS FOR HIGH SCHOOL CREDIT

In order for high school credit to be awarded, the student shall:

1. Be admitted to a university's dual credit program and receive a passing grade in the college course.
2. Furnish the high school registrar's office with a letter from the university's dual credit program certifying that the college courses for which high school credit is requested provides advanced academic instruction beyond or in greater depth than the essential elements of the comparable high school course.
3. Furnish the high school registrar's office with a university transcript that verifies the course credit and the grade.

If the university normally issues letter grades rather than numerical grades on its transcripts, the letter grade(s) will be changed to the appropriate numerical grade, as provided by Hidalgo ISD policy, before being applied to the student's high school transcript.

Concurrent Courses - A course taken at either a college university or high school for which a student receives credit at both institutions. Credit is earned at college and can be transferred to another college/university that accepts it.

Articulated Courses - A course taken at the high school for which a student receives credit at the high school and at the college/university. Schools must have articulation agreement. The credit cannot be transferred to another college/university.

AWARD OF CREDIT

Upon receipt and verification of the required documentation, the high school registrar shall record the numerical grade equivalent and credit for the proper high school course on the student's high school transcript. Courses for which credit is earned under terms of this policy shall be counted toward high school graduation requirements.

Courses completed under terms of this policy which are taken under the auspices of a university's Honors Program shall be labeled as honors courses on the high school transcript and shall be weighted, in accordance with Board Policy EIC (local), as honors courses in determining class rank. All other university course work taken under the provisions of the concurrent or articulation program shall be awarded regular or college preparatory status, according to the provisions of the course, for the purpose of calculating grade average and class rank.

Loss of Credit

A student who has semester attendance lower than 90% in any class may appeal for credit. Regardless of whether or not the attendance committee decides to award credit, the grade earned will be posted on the student's transcript.

ACADEMIC GRADING

The district is operating on semester basis and will adhere to Texas Education Agency standards in relation to curriculum offerings, sequence of courses, and amount of time of instruction for each subject. The school year is divided into two semesters or six six-week grading periods. At the end of each six-week period, students will receive report cards.

A	90-100	F	69 & Below
B	80-89	I	Incomplete
C	70-79	NG	No Grade

Transfer Grades

Students from schools with letter grades will be given numeric grades based on the district conversion table. If numeric grades is not stated in the student's transcript of records, grades will based from the midpoint of the following table.

NUMERIC GRADE CONVERSION TABLE

A = 90-100
B = 80-89
C = 75-79
D = 70-74
F = 69

CREDITS FROM OTHER COUNTRIES

Students who previously attended high school in other countries will be awarded credits in the following subjects:

1. Physical education
2. Foreign language
3. Arts
4. Technology
5. Career Connection

Students must show the original copy of their official transcript of records from their previous school indicating that they have passed those classes. Students must have obtained passing grade equivalent to 70% in a 100-point scale.

Awarding credit in Spanish

1. Student who finished *Secundaria* from Mexico schools will be given Spanish I credit if his or her Spanish class average is 7.0 or better.
2. Student who finished *Preparatoria* from Mexico Schools will be given Spanish I and Spanish II credits provided his or her Spanish class average is 7.0 or better.
3. Any student who passes AP Spanish Language examination without prior classes in Spanish with a grade of 3 or better will be given credits in Spanish I and Spanish II.
4. Any student who passes AP Spanish Literature examination without prior classes will be given credits in Spanish I, II, and III.

CLASS RANKING

Effective for entering freshmen in 2003-2004 and Thereafter

**2003-2004
FRESHMEN
and Thereafter**

Effective for entering freshmen in 2003-2004 school year and thereafter, the valedictorian and salutatorian shall be the eligible students with the highest and second highest ranking as determined by the District's class rank procedure described in this policy and who:

**VALEDICTORIAN/
SALUTATORIAN**

1. Have been enrolled in Hidalgo High School for two full academic years immediately preceding graduation.
2. Have taken at least fifteen courses, which count, for class rank. See COURSES below.
3. Are graduating under the Distinguished Achievement Program with a minimum of thirteen credits on courses designated as Pre-AP or AP.

CONDUCT

A student may be disqualified from delivering the valedictorian or salutatorian speech, for serious misconduct violation of the Student Code of Conduct, including removal to DAEP, a three-day suspension, or expulsion.

TIES

In the event of a tie, the valedictorian shall be chosen according to the following criteria:

1. The student who has taken the most AP courses shall be considered valedictorian.
2. If a tie still remains, the second tiebreaker shall be the highest numerical grade average of all AP courses.

If a tie still exists for valedictorian, co-valedictorians shall be declared, and no salutatorian shall be recognized. Should a tie occur for salutatorian, same rules will be used to break the tie.

**HONOR
GRADUATES**

All students whose grade point averages comprise the top ten percent of the graduating class as determined by the District's ranking shall qualify for automatic admission to any public institution of higher learning in Texas under Education Code 51.803 and shall be given special recognition.

RANKING

A student's class ranking shall be determined within the graduation class of the school year in which the student completes all requirements for a diploma, regardless of the number of years the student is enrolled in high school.

Weighted grade point averages shall be figured for the content areas noted below at the end of the freshmen, sophomore, and junior years and at the end of the fifth six weeks during the students' senior year. See WEIGHTED GRADE SCALE below. The actual grade, however, shall be recorded in the academic achievement record.

Class ranking shall be determined by dividing weighted grade points by the number of courses for which final grades were given. Only credits earned in the following content areas as defined by the Texas Essential Knowledge and Skills (TEKS) shall be used:

1. English
2. Mathematics (Including AP Computer Science for 2007-08 entering freshmen)
3. Science
4. Social Studies
5. Other courses in the four content areas designated as Dual credits Courses taken from accredited Institutions of Higher Education.

EXCLUSIONS

Credits earned through concurrent enrollment, correspondence courses, credit by examination, repeated course, home schooling grades, audited courses, credits from non-accredited schools, advanced placement examinations, API/Nova Net courses/ Odyssey Ware, local credits, and summer school courses are **not** counted in the computation of class rank.

WEIGHTED GRADE SCALE

AP/Pre-AP			Regular			Other*	
Grade	Point		Grade	Point		Grade	Point
<70	0.0		<70	0.0		<70	0.0
70	4.5		70	3.5		70	2.5
71	4.6		71	3.6		71	2.6
72	4.7		72	3.7		72	2.7
73	4.8		73	3.8		73	2.8
74	4.9		74	3.9		74	2.9
75	5.0		75	4.0		75	3.0
76	5.1		76	4.1		76	3.1
77	5.2		77	4.2		77	3.2
78	5.3		78	4.3		78	3.3
79	5.4		79	4.4		79	3.4
80	5.5		80	4.5		80	3.5
81	5.6		81	4.6		81	3.6
82	5.7		82	4.7		82	3.7
83	5.8		83	4.8		83	3.8
84	5.9		84	4.9		84	3.9
85	6.0		85	5.0		85	4.0
86	6.1		86	5.1		86	4.1
87	6.2		87	5.2		87	4.2
88	6.3		88	5.3		88	4.3
89	6.4		89	5.4		89	4.4
90	6.5		90	5.5		90	4.5
91	6.6		91	5.6		91	4.6
92	6.7		92	5.7		92	4.7
93	6.8		93	5.8		93	4.8
94	6.9		94	5.9		94	4.9
95	7.0		95	6.0		95	5.0
96	7.1		96	6.1		96	5.1
97	7.2		97	6.2		97	5.2
98	7.3		98	6.3		98	5.3
99	7.4		99	6.4		99	5.4
100	7.5		100	6.5		100	5.5

*Modified courses as recommended by ARD committee and ESL Courses.

The following examples will facilitate a better understanding of the differences between a grade averaging system and a weighted graded point system.

CASE 1 AP/PRE-AP STUDENT	CASE 2 REGULAR STUDENT	CASE 3 Other Program
Grade Point	Grade Point	Grade Point
90 6.5	90 5.5	90 4.5
85 6.0	85 5.0	85 4.0
78 5.3	78 4.3	78 3.3
72 4.7	72 3.7	72 2.7
93 6.8	93 5.8	93 4.8
60 0	60 0	60 0
75 5.0	75 4.0	75 3.0
83 4.8	83 4.8	83 3.8
<u>70 4.5</u>	<u>70 3.5</u>	<u>70 2.5</u>
706 43.60	706 36.60	706 28.60
 Gr. Avg./GPA	 Gr. Avg./GPA	 Gr. Avg./GPA
78.444/4.844	78.444/4.066	78.444/3.177

Divide the number of grade points by the number of applicable courses attempted. For example, 43.60 divided by 9 equals 4.844

EXEMPTIONS FROM FINAL EXAMINATIONS

Final examinations shall be scheduled in all classes taught by the high school. Grade qualifications, absence standards and the number and type of courses considered for exemption from final examinations vary by grade level; however, high school students (grades 9-12) may qualify for exemptions in one or more classes each semester.

GENERAL QUALIFICATIONS

In determining eligibility for exemptions from final examinations, the following general qualifications shall apply:

1. In calculating absences (for the purpose of determining exemptions from final examinations), three tardies from a particular class shall constitute an absence from that class.
2. During the school year, students who are assigned to a Disciplinary Alternative Educational Placement (DAEP) for disciplinary reasons shall be ineligible for final examination exemptions for the semester(s) they are assigned.
3. To retain exemption status, a student otherwise eligible for an exemption must report to the class on the day of the scheduled final examination.
4. Students can earn exemptions per semester for a course by meeting the following criteria:

Grade Level	Absence Standard	Minimum Grade	Number and Type of Course(s)	Semester
9 and 10	3 absences	90	1 core/1 elective	Fall/Spring
	2 absences	85	1 core/1 elective	Fall/Spring
	1 absence	80	1 core/1 elective	Fall/Spring
11	3 absences	90	All electives/1 core	Fall/Spring
	2 absences	85	All electives/1 core	Fall/Spring
	1 absence	80	All electives/1 core	Fall/Spring
12	3 absences	90	All courses	Fall/Spring
	2 absences	85	All courses	Fall/Spring
	1 absence	80	All courses	Fall/Spring

5. Exemptions shall be based on the average numerical grade earned, the number of accumulated excused absences, and no disciplinary referrals documented in the class of the exemption.
6. Students who qualify for exemptions are required to be in attendance on the day of the examination.
 - a. Failure to be in attendance will result in the student receiving an incomplete.
 - b. The student will be required to take the final exam to remove the incomplete.
 - c. While in attendance, student must be at their best behavior.
7. A student qualifying for an exemption may elect or may be directed by a parent to take a final examination in any course.
8. During the school year, students who are assigned to Disciplinary Alternative Educational Placement (DAEP) for disciplinary reasons shall be ineligible for final examination exemptions for the semester(s) they are assigned.
9. Students apply for the exemption(s) selection according to their individual choice(s).
10. The core course selected for examination by an eligible freshman, sophomore or junior in the spring must be from a subject area other than the one selected in the fall semester.
11. Exemption applications can be distributed to and collected from students via a designated class period (i.e. first, second, advisory). A master list of students eligible is then compiled by a designated department (i.e. counseling and guidance).

CORE AND ELECTIVE COURSES

For the purpose of this policy, core courses include the following:

1. English 1, 2, 3, and 4 (or equivalent courses)
 2. Mathematics (All)
 3. Science (All)
 4. World Geography, World History, U. S. History, Government, Economics
- Courses other than those listed as core subjects are considered to be electives.

GRADE LEVEL CLASSIFICATION

The classification system for students is as follows:

Freshmen (9th).....	0 - 4.5 credit
Sophomore (10th).....	5 - 11.5 credits
Junior (11th).....	12 - 17.5 credits
Senior (12th).....	18 - Above Credits

NOTE: If a student fails to receive enough credits to pass on to the next grade level, he/she will be classified as follows:

- 2nd year freshmen
- 3rd year sophomore
- Prospective graduates

Early Graduation for entering freshmen in 2006-2007 and thereafter

Students who wish to graduate in three years must declare his/her intent by submitting a written request to the principal's office no later than the end of the first six-weeks during the student's freshman year.

Student's parent/s must also submit a written request about their son's/daughter's early graduation.

Upon approval of the request, the student and the student's parent/s must meet with a counselor and the principal to develop the student's graduation plan.

REQUIREMENTS FOR HIGH SCHOOL GRADUATION IN TEXAS

TAKS Exit Level

Students entering the ninth (9th) grade in 2001-2002 and thereafter must master the exit level TAKS (Texas Assessment of Knowledge and Skills) in language arts, math, science, and social studies during their junior year, in addition to completing course/credit requirements.

NATIONAL MERIT SCHOLARSHIP PROGRAM

Taking the PSAT/NMSQT gives the students the opportunity to participate in the National Merit Scholarship Program.

COLLEGE ENTRANCE EXAMS

SAT/ACT

Admissions tests are required for most colleges. Check the catalogue of the college of your choice to determine which test is required. The SAT (Scholastic Aptitude Test) and ACT (American College Testing) booklets are available in the Guidance Center. Students must pick up the applications, prepare the payment/waiver, and mail them both.

THEA

Students must take the THEA (Texas Higher Education Assessment) test if they are entering or enrolled in a Texas public institution of higher education (i.e. a college, university, or technical institute) or a teacher education program at a public or private institution in Texas. Student may be exempt to take the THEA if: (*Note: Exemption varies from institution to institution*)

- a) A student obtained 2200 in ELA and scored a 3 in their writing sample and 2200 in Math in their Exit-level TAKS.
- b) Obtain a composite score of 1070 in SAT (500 in Verbal, 500 in Math), or
- c) Obtain a composite score of 23 in ACT (19 in English, 19 in Math)

THEA is administered at Hidalgo Early College High School. Refer to the school calendar for testing dates.

SCHOLARSHIPS AND FINANCIAL AID

Scholarships from various sources are available to students on the basis of academic achievement, test scores, financial need, character, and citizenship. Most scholarships emphasize merit and/or need. Early in the school year, seniors interested in applying for scholarships are urged to contact their counselors regarding available scholarships, application procedures, etc.

In addition, seniors need to contact the college offices of financial aid for information regarding scholarships, grants, loans, and work-study programs handled by the individual institutions. Some colleges also require that the student file a Parent's Confidential Statement of Family Finances.

Meeting deadlines is primarily the responsibility of the students and is of utmost importance.

UNIVERSITY SCHOLARS OF THE RIO GRANDE VALLEY FOR FALL 2007 and after

- Must have 4 courses (total of 12 hours) of AP credit and/or CE credit earned at UTPA with a “B” or better in each course (from four separate exams or courses in different subject areas; credit must include both English 1301 or higher and Math 1340 or higher)
- Must have a minimum score of 22 in ACT or 1030 in SAT (Verbal +Math)

COLLEGE-READY PROGRAMS

UPWARD BOUND PROGRAM

The Upward Bound Program (UB) of the University of Texas-Pan American (UTPA) is designed to provide program services to approximately 130 eligible secondary students (10th – 12th grade) from six local school district high schools. The goals of the program for its student participants include 1.) Academic skills enhancement and motivation, 2.) Successful high school graduation and 3.) Entrance into and completion of a post-secondary education program. Upon entry in the UB program, students make a three-year commitment to attend both the academic and summer school phases of the program.

EDUCATIONAL TALENT SEARCH

Educational Talent Search will broaden students’ horizons and provide the information they need to plan their future. Their goal is to prepare, encourage and motivate participants in their pursuit of higher education.

The U.S. Department of Education federally funds ETS. They are at the University of Texas-Pan American in Edinburg. They provide participants with the services they need to successfully complete high school, enter or re-enter post-secondary education.

ETS is open to those who are at least 11 years old, live in the target area and are U.S. citizens or eligible noncitizens. Program guidelines require two-thirds of participants be of limited income and be potential first-generation college students. (First Generation College means neither parent has a four-year degree.)

ETS provides academic counseling, career counseling, small group counseling, financial aid counseling, personal counseling, and post-secondary school awareness.

TEXPREP

The University of Texas-Pan American, in cooperation with the College of Science and Engineering, is one of fifteen institutions in Texas offering the Texas Prefreshman Engineering Program, which provides educational enrichment opportunities for high ability 8th grade through 11th grade students interested in pursuing mathematics, science, or engineering careers.

Target students for TexPREP include female and other students who have been traditionally underrepresented in the sciences, mathematics, and engineering professions. All qualified and interested students are urged to apply. In selecting individuals for participation and otherwise in

the administration of this project, The University of Texas-Pan American will not discriminate on the grounds of race, creed, color, age, handicap, or national origin of any applicant.

The program will require students to travel to the UTPA campus each day. Participants in the Edinburg program will be selected from Hidalgo, Starr, and Willacy Counties.

Approximately 200 first-year students from grade 8 through 11 will be chosen to participate in the eight-week summer program.

NOTE: Academic Credit

The Texas Education Agency has approved up to 1 unit of academic credit to participating students who successfully complete the summer program. The TexPREP courses are not substitutes for any courses in the junior high school or senior high school program. For additional information concerning credit, a program applicant should consult his/her counselor.

Tech Prep Scholars

Tech Prep Scholar is a distinction awarded to students who successfully completed courses under the Recommended High School Program or Distinguished Achievement Program. Students must have at least a four-year plan of studies in high school that includes two or more career and technology courses for three or more credits and sign a declaration of intent to be a Tech Prep scholar. Students need to complete at least one college-level Tech Prep course as part of the graduation plan. Students need to obtain a final grade of 80% in courses designated as Tech Prep articulated classes.

GEAR UP

GEAR UP is a federally funded program designed to encourage qualified participants to complete middle school, high school, and pursue a post-secondary education in a 2-year community college, or a 4-year college or university. GEAR UP provides tutorial services, academic workshops, mentoring, college campus visits, career exploration, exposure to cultural events, personal and career counseling, college entrance exam prep, admissions/financial aid forms assistance, and career exploration.

GEAR UP's Mission is to create a student, parent, school, and community partnership that will ensure success for all student participants. The GEAR UP Program will foster the concepts of Life Long Learning and application of interdisciplinary perspectives that will allow each student to function in diverse situations.

Hidalgo Early College High School **COURSE DESCRIPTION**

ENGLISH

AP English III

(English Language and Composition)
Lowest Grade Placement: 11

Credit: 1

Prerequisite: Pre-AP Eng. II, Teacher Approval

Rank: AP

Advanced Placement courses focus on in-depth literary analysis and extensive analytical writing at an accelerated pace giving students the opportunity to pursue college-level studies while still in high school. The course will explore literary genres from a variety of sources reflecting the historical, cultural, and philosophical influences on the development of American literature and thought from the Colonial Period to the present. Grammar review and composition will focus on structure and organization. The student must complete, submit, and present an acceptably written and correctly documented research paper and project. This reading, writing, and vocabulary centered curriculum prepares students for college-level studies, SAT/ACT and Advanced Placement exams. This is an all year course. Extensive outside and summer reading is required. The student is responsible for acquiring the summer reading list and reading the selections before the fall term begins. Students planning to take this course should pick up a course syllabus.

AP English IV/Humanities

(English Literature and Composition)
Lowest Grade Placement: 12

Credit: 1

Prerequisite: English III /AP English III/Teacher Approval

Rank: AP

A Humanities curriculum is incorporated into this full year Advanced Placement course. Emphasis is on in-depth reading, literary analysis and extensive analytical writing at an accelerated pace giving students the opportunity to pursue college-level studies while still in high school. The course will explore literary genres from British and world literature that reflect historical, cultural, and philosophical influences on the development of literary thought and periods. Extensive outside reading and research is required. Vocabulary, grammar review, and composition will focus on literary analysis. This literature and writing centered curriculum prepares students for college-level studies, and Advanced Placement exams. The student is responsible for the required summer reading before the fall term begins. Students should also pick up a course syllabus.

Basic English I

Lowest Grade Placement: 9

Credit: 1

Prerequisite: None

Rank: Regular

Basic English is a modified, general education curriculum designed to address the individual learning of special need students. It focuses on integrated language arts study in language/writing, literature/reading, and speaking/listening. Students will practice the application of both oral and written use of language, as well as interpret and respond to relevant literature. Basic English I include the development of study skills and strategies, and the use of productive thinking.

Basic English II

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Basic English I

Rank: Regular

Basic English II is modified curriculum that reflects the general education English II course based on the needs of the individual student. It focuses on integrated language arts study in language/writing, literature/reading, and speaking/listening. Students will practice the application of both oral and written language, the study of the structure and uses of written language, as well as interpret and respond to relevant literature. English II also includes the development of study skills and strategies, and the use of productive thinking. Continued reinforcement of English knowledge and skills will be made.

Basic English III
Lowest Grade Placement: 11

Credit: 1
Prerequisite: Basic English II
Rank: Regular

Basic English III, based on the curriculum of the general education English III course, is modified to meet the individual learning requirements of the students. It focuses on integrated language arts study in language/writing, literature/reading, and speak/listening. This course also includes the study of American dialects, language history and literature. Students will practice the application of both oral and written use of the language, as well as interpret and respond to relevant literature. English III includes the continued development of study skills and strategies, and the use of productive thinking. Continued reinforcement of English knowledge and skills will be made.

Basic English IV
Lowest Grade Placement: 12

Credit: 1
Prerequisite: Basic English III
Rank: Regular

Basic English IV, based on the knowledge and skills of the general education English IV course, is modified in order to meet the needs of each student. Previous knowledge and skills are reinforced. An integrated language arts study focuses on language/writing, literature/reading, and speaking/listening. The course also includes the study of the development of the English language. Students will practice research skills, the application of both oral and written language, interpret and respond to literature, both American and British. Basic English IV includes the reinforcement of study skills and strategies, and productive thinking.

Communication Applications
Lowest Grade Placement: 10

Credit: 1/2
Prerequisite: None
Rank: Regular

The survey speech class is designed to provide students with a board range of oral experiences from extemporaneous public speaking through poetry, reading, and mass media projects involving radio and television. This class, while valuable for all students, is especially valuable for freshmen and sophomores, since it enables them to understand, appreciate, and decide about involvement in the other advanced presentational classes.

English I
Lowest Grade Placement: 9

Credit: 1
Prerequisite: None
Rank: College Prep

Both semesters of English I include a grammar review, vocabulary development, composition and literature. Students are required to write descriptive, narrative, expository and persuasive compositions. The study of literature includes work with novels, a Shakespearean play, the short story, poetry, mythology, the biography and the essay. The student is expected to do independent outside reading in addition to their assigned material. This course emphasizes SAT/ACT vocabulary development. Individual oral and written presentations are required.

English II
Lowest Grade Placement: 10

Credit: 1
Prerequisite: English I
Rank: College Prep

English II includes a review of grammar and an in-depth study of vocabulary, composition and world literature. Emphasis is placed on the writing process with the ultimate goal being the ability to write multi-paragraph essays. Students are introduced to the fundamentals of research writing with reinforcement of dictionary and library skills. The study of literature includes the following genres: Short stories, essays, biographies, legends, Shakespearean play and novels. There is emphasis on the higher level thinking skills of comprehension, analysis, synthesis, and evaluation. Students participate in class discussions and oral presentations. The students are expected to do independent outside reading in addition to their assigned material. This course emphasizes SAT/ACT vocabulary development.

English III

Lowest Grade Placement: 11

Credit: 1

Prerequisite: English II or Pre-AP English II

Rank: College Prep

This course is designed to prepare the student in English grammar, composition, and literature. There is a strong emphasis on, grammar and composition, particularly the correction of problems in sentence construction and organization of longer compositions. The historical, cultural, and philosophical influences on the development of American literature from the Colonial Period to the present are explored with emphasis on literary analysis. The student must complete and submit an acceptably written and correctly documented research paper. Students are expected to participate in class discussions, group discussions, group presentations, and individual projects. The student will be expected to do considerable outside reading in addition to their assigned classroom material.

English IV

Lowest Grade Placement: 12

Credit: 1

Prerequisite: English III

Rank: College Prep

This course emphasizes composition, literary analysis, intense vocabulary study, and grammar review as an aid to the writing process. Composition will include development of college level, well-organized essays on a variety of topics including literary analysis. Literature study includes a survey of British literature from the Anglo-Saxon Period through the present. Speaking and listening assignments are integrated with the study of literature. The student must complete and present an acceptably written and properly documented research paper. SAT/ACT/THEA materials will be used to prepare students for college admissions requirements. The student will be required to do considerable independent outside research and reading.

**English 1 for Speakers
of Other Languages**

Lowest Grade Placement: 9

Credit: 1

Prerequisite: None

Rank: Regular

This course is designed for students who have completed a maximum of one year in a high intensive language development program or for recent immigrant students who, upon entry, scored at the intermediate level on the placement test. Students enrolled in English 1 for Speakers of Other Languages continue to increase and refine their communication skills. They are expected to plan, draft and complete written compositions on a regular basis.

**English II for Speakers
of Other Languages**

Lowest Grade Placement: 10

Credit: 1

Prerequisite: English 1 for Speakers of Other Languages

Rank: Regular

This course is designed to include an intensive study review of grammar and an in-depth study of vocabulary, instruction, reading comprehension, composition and world literature. Emphasis is placed on the writing process with the ultimate goal being the students' ability to write multi-paragraph essays. Students are introduced to the fundamentals of research writing with reinforcement of dictionary and library skills. The study of literature includes short stories, fiction and non-fiction, essays, biographies, legends, and Shakespearean plays and novels. There is emphasis on the higher level thinking skills of comprehension, synthesis and evaluation. Students participate in class discussions and oral presentations.

Practical Writing

Lowest Grade Placement: 11

Credit: 1

Prerequisite: None

Rank: Regular

This course is designed to assist students whose first language is other than English to demonstrate their skills in such forms of writing as essays and short stories. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English.

Pre-AP English I

Lowest Grade Placement: 9

Credit: 1

Prerequisite: TAKS Scores/Approval

Rank: Pre-AP

Pre-AP English I is intended to challenge the abilities and meet the needs of academically talented college-bound students. The purpose of the program is to provide accelerated study in all aspects of English. The course emphasizes the study of composition, grammar, vocabulary development, SAT/ACT preparation and both ancient and contemporary literature. Literature as a reflection of history and culture is stressed. The student is expected to do considerable outside reading in addition to assigned material. The student is expected to complete a summer reading list before school starts in the fall. Students are to pick up summer reading list during pre-registration or from the counselor. This course emphasizes SAT/ACT vocabulary development.

Pre-AP English II

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Pre-AP English I/Approval

Rank: Pre-AP

Pre-AP English II is designed to accommodate the college-bound students who want an accelerated course. Emphasis is placed on all types of writing skills, including literary analysis with special attention given to research procedure. Strong writing skills are essential for success in this course. The various genres of world literature are explored in depth. The student is expected to do considerable outside reading in addition to assigned material, and the student is expected to complete a summer reading list before school starts in the fall. Students are to pick up summer reading list during pre-registration or from the counselor. This course emphasizes SAT/ACT vocabulary development

Reading I, II, & III

Lowest Grade Placement: 9

Credit: 1

Prerequisite: TAKS Scores

Rank: Regular

Reading I, II, III is designed to assist high school students who are limited in English reading proficiency. The emphasis of the course is to develop competency in exit level reading skills by enabling students to apply these skills in a variety of practical situations. Instruction focuses on increasing student use of appropriate reading strategies by providing opportunities to read for a variety of purposes.

Research & Technical Writing

Lowest Grade Placement: 12

Credit: 1

Prerequisite: TAKS Scores

Rank: College Prep

This course is designed to assist students whose first language is other than English to demonstrate their skills in such forms of writing as essays and short stories. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English.

Rhetoric/Creative Writing

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Pre-AP English II & Instructor's Approval

Rank: College Prep

This course is designed for the accelerated student. This class will have an intense focus on grammar, and writing in various modes of discourse: narrative, descriptive, persuasive, and expository to include a fully documented research paper. Readings will be for the purpose of literary analysis and critical review in writing. Students will be expected to analyze and recognize different styles of writing through their reading selections. Students will be expected to generate written literary criticism. Students will be expected to produce original fiction and non-fiction writing in a variety of modes and genres.

TAKS English Language Arts
Lowest Grade Placement: 11-12

Credit: 1 / 2 - 1 (local elective)
Prerequisite: Non-Mastery of TAKS
Rank: None

These courses have been developed using the Texas Assessment of Knowledge and Skills (TAKS) objectives as outlined by TEA. Student's enrolled in these classes will receive instruction on developing positive self-concepts in reading, developing basic reading skills, vocabulary, grammar, composition writing, and test taking strategies.

MATHEMATICS

Algebra I
Lowest Grade Placement: 9

Credit: 1
Prerequisite: None
Rank: College Prep

Algebra I introduces the symbolic mathematics operation. It stresses both the structure and the development of theoretical and real-world problem solving. Knowledge of operations and properties of real numbers are reviewed. This course covers topics such as order of operation, solving two-and-three step equations and inequalities, operations with polynomials, factoring, and linear and quadratic functions.

Algebra II
Lowest Grade Placement: 9

Credit: 1/2 - 1
Prerequisite: Geometry, Pre-AP Geometry /Teacher Approval
Rank: College Prep

The course offers a brief review of Algebra I. It covers quadratic and linear equations and inequalities, solutions of equations in several variables, ratio and proportion, variation, complex numbers, matrices and determinants, radicals, rational functions, logarithmic and exponential functions. The emphasis is on solving and graphing functions as well as mathematical applications to different disciplines.

AP Calculus (AB)
Lowest Grade Placement: 11

Credit: 1
Prerequisite: Pre AP Pre-Calculus, Pre Calculus/Approval
Rank: AP

This course will prepare the student taking the AB portion of the Advanced Placement test. Among topics covered are: concepts associated with the limit of a function; concepts and skills associated with the derivative; concepts and skills associated with the techniques of integration; application of calculus with special functions; concepts and skills associated with infinite series; and selected topics from analytic geometry.

AP Calculus (BC)
Lowest Grade Placement: 12

Credit: 1
Prerequisite: AP Calculus AB
Rank: AP

AP Calculus BC includes all of the topics covered in AP Calculus AB, as well as convergence tests for series, Taylor and/or Maclaurin series, the use of parametric equations, polar functions, including arc length in polar coordinates, calculating curve length in parametric and function ($y = f(x)$) equations, L'Hôpital's rule, integration by parts, improper integrals, Euler's method, differential equations for logistic growth, and using partial fractions to integrate rational functions.

AP Computer Science A
Lowest Grade Placement: 11

Credit: 1
Prerequisite: BCIS I, Algebra II
Rank: 1

Computer Science (A) emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction.

Applied Math I

Lowest Grade Placement: 9

Credit: 1

Prerequisite: None

Rank: Regular

These courses concentrate on basic operations using money, measurement and time in common home, family and work related environments.

Applied Math II

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Applied Math I

Rank: Regular

These course concentrates on basic operations using money, measurement and time in common home, family and work related environments.

Applied Math III

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Applied Math II

Rank: Regular

This course reinforces math skill development through projects and problem solving related to money, measurement, finance, personal accounting and basic math decision-making.

Applied Math IV

Lowest Grade Placement: 12

Credit: 1

Prerequisite: Applied Math III

Rank: Regular

This course reinforces math skill development through projects and problem solving related to money, measurement, finance, personal accounting and basic math decision-making.

AP Statistics

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Pre-Calculus

Rank: AP

This course introduces students to the concepts and tools in collecting, analyzing and drawing conclusions from data. The four major concepts covered in this course are data exploration and collection, designing a study, application of probability, and statistical inference.

Geometry

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Algebra I/Approval

Rank: College Prep

Students study geometric figures such as triangles, parallelograms, circles, and spheres. Students learn how to see relationships between geometric figures and apply their knowledge in future courses as well as other fields, such as architecture, engineering, astronomy, etc. Algebraic skills are reviewed and strengthened as algebraic methods are applied to solving problems in geometry.

Math 1300: Elementary Algebra

Lowest Grade Placement: 11

Credit:

Prerequisite:

Rank:

A course in elementary algebra designed for the student with a background in numerical skills. Students have the opportunity to prepare for intermediate algebra and other mathematics coursework recommended in education, fine arts, the humanities, or social sciences. Topics include basic operations on real numbers, elementary geometry, introduction to algebra, linear equations and graphs, linear equations with applications, exponent properties, and systems of linear equations in two unknowns, polynomials and factoring methods. This course does not count toward a student's hours for graduation or in the determination of hours attended or earned. This course may not be used to satisfy University core curriculum requirements.

Math 1334

Lowest Grade Placement: 11

Credit:

Prerequisite: Math 1300 or satisfactory score in ACT

Rank:

A course in algebra designed to prepare the student for College Algebra or equivalent. Topics include factors and polynomials, rational expressions, radical expressions, an introduction to complex numbers, quadratic equations, rational equations, radical equations and elementary inequalities. This course does not count toward a student's hours for graduation or in the determination of hours attempted or earned.

Math 1340 College Algebra

Lowest Grade Placement: 11

Credit: 3 Hours

Prerequisite: Math 1334 with a grade of C or better or satisfactory grade in ACT

Rank:

Topics include nonlinear and absolute value inequalities, functions, complex numbers, polynomials and rational functions, exponential and logarithmic functions, and systems of linear and nonlinear equations.

Mathematical Models with Applications

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Algebra I

Rank: Regular

Students use algebraic, graphical, statistical, and geometric reasoning to recognize patterns and structure, to model information, and to solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Students use a variety of representations (concrete, numerical, algorithmic, graphical) and tools as well as having regular access to technology that allows geometric constructions, coordinate graphing, and algebraic analysis in order to link, modeling techniques and purely mathematical concepts to solve applied problems.

Pre-AP Algebra I

Grade Placement: 9

Credit: 1

Prerequisite: Teacher Approval

Rank: Pre-AP

Pre-AP Algebra I provide an in-depth study of Algebra. The essential elements are expanded to include the use of technology and algebraic applications to geometry and trigonometry.

Pre-AP Algebra II

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Geometry, Pre-AP Geometry, Teacher Approval

Rank: Pre-AP

Structured around the framework of Algebra II, this course exposes students to a variety of enrichment activities to further enhance their knowledge of the structure of mathematics. Emphasis on mathematical models for real world situations will become evident throughout the year. Among enrichment topics to be introduced are: the complex number system; matrices and their use in linear programming, higher degree functions; probability; functions of random variable; and arithmetic and geometric progressions, exponential functions, and logarithms. Geometry is strongly recommended before taking Algebra II.

Pre-AP Geometry

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Pre-AP Algebra I/Approval

Rank: Pre-AP

Course content is similar to that offered in the college prep course. Enrichment topics and the accelerated pace make this course interesting and challenging for those students that are mathematically talented. Among the enrichment topics introduced are: logic (valid and invalid deductions); indirect proofs; transformational geometry; vector geometry; coordinate geometry, and non-Euclidean geometry.

Pre-Calculus

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Algebra II & Geometry

Rank: College Prep

This course combines elementary analysis and trigonometry. Throughout this one-year course, the student will have the opportunity to solve problems with a graphing calculator. The graphing calculator will be used to investigate the nature of the graphs of polynomials, rational, trigonometric, exponential, and logarithmic functions. This course will also deal with trigonometric equations, vector and parametric equations and their applications. Polar coordinates and complex numbers, sequences and series and conics (parabola, ellipse, circle, and hyperbola) will also be studied.

Pre-AP Pre-Calculus

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Algebra II/Geometry/Approval

Rank: Pre-AP

This course combines trigonometry, elementary analysis, and analytical geometry into a one-year course. It is intended for students who are preparing themselves for upper level math courses in general and specifically, calculus. Essential elements covered are: polynomial functions (trigonometric, exponential and logarithmic); polar coordinates; sequences and series; linear and quadratic functions, conics, (including parabola, ellipse, circle and hyperbola); and inverse functions. Students will learn how to use a graphing calculator in obtaining solutions to a variety of problems dealing with the topics mentioned.

TAKS Math

Lowest Grade Placement: 10-12

Credit: 1/2-1 (local elective)

Prerequisite: Non-Mastery of TAAS

Rank: None

Content for this class has been developed using the Texas Assessment of Knowledge and Skills (TAKS) objectives as outlined by TEA. Students enrolled in this class receive instruction on test taking, developing positive self-concepts in mathematics, developing basic math skills, and an understanding of their application in the real world.

SOCIAL STUDIES**AP Macroeconomics**

Lowest Grade Placement: 12

Credit: 1/2

Prerequisite: Algebra and Geometry

Rank: AP

The purpose of this advanced placement course in macroeconomics is to allow students to demonstrate mastery in the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of a national familiarity with economic performance measures, economic growth and international economics.

AP Microeconomics

Lowest Grade Placement: 12

Credit: 1/2

Prerequisite: Algebra and Geometry

Rank: AP

The purpose of this advanced placement course in microeconomics is to give students a thorough understanding of the principles of allocation of resources and the distribution of income as they are affected by the workings of the price system and government policies. This course places particular emphasis on supply and demand curves, household consumption, and specific roles of firms, markets and government interplay in economics.

AP U.S. Government and Politics

Lowest Grade Placement: 12

Credit: 1/2

Prerequisite: U.S. History

Rank: AP

This course in United States government and politics is designed to give students a critical perspective on government and politics in the United States. It involves both the studies of general concepts used to interpret United States politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the United States political reality. Critical reading and writing skills are extended.

AP U. S. History

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Pre-AP U. S. History/Approval

Rank: AP

This course surveys the American experience from "colonial settlement to the present." This course, which is both writing and reading intensive, is designed to "provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history." Because a major goal of the class is to prepare students to successfully complete the advanced Placement exam, students can expect "demands upon them equivalent to those made by full-year introductory college courses."

Basic Economics/Free Enterprise

Lowest Grade Placement: 12

Credit: 1/2

Prerequisite: Basic U.S. History

Rank: Regular

The Basic Economics course investigates the structure and function of the United States economic/free enterprise system as it relates to consumers and world economics. This examination includes the monetary system, free enterprise roles and responsibilities, international relationships, taxation procedures and processes, consumer responsibilities, and the understanding of the benefits and abuses of credit. This course offers the opportunity for students to apply these ideas to their own lives.

Basic World Geography

Lowest Grade Placement: 9

Credit: 1

Prerequisite: None

Rank: Regular

Basic World Geography is the study of the interaction of people and cultures with their environment in the world's major areas. Particular attention is given to the locations of resources, geographic boundaries, landforms, economic development, language and the interaction of cultures and nations within the context of global development. Activities are designed to assist students in recognizing how understanding events in world geography will influence our country and our people and their relationship to their lives.

Basic World History

Lowest Grade Placement: 10

Credit: 1

Prerequisite: None

Rank: Regular

Basic World History Studies provides a survey of the history and development of our world's areas and cultures. This investigation includes an examination of world leadership, events and achievements that fall within a chronological time frame. Current world events are explored throughout this process giving students a better understanding of how events from the past have shaped the world today.

Basic U. S. History

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Basic World History or Basic World
Geography

Rank: Regular

The Basic United States History course emphasizes the social, cultural, economic and political developments of the United States of America from 1870 to the present time. This course of study includes the major individuals, events and achievements of this period within the context of a chronological timeline. Particular attention is given to the interdependence of these elements in the formulation of our country's history. Current events will be examined through these developments in our history.

Basic U.S. Government

Lowest Grade Placement: 12

Credit: 1/2

Prerequisite: Basic U.S. History

Rank: Regular

The Basic United States Government course examines the structure and function of the political and government systems of the United States and the citizen's role and responsibilities in each. These roles and responsibilities include: voting, obeying laws and rules, the rights of citizenship in a democratic society, consequences of personal actions, community service and resources and the ability to access services that encourage individual participation in the local, state and federal systems.

Community Citizenship (Social Studies)

Lowest Grade Placement: 9-12

Credit: 1/2 per course

Prerequisite: None

Rank: Regular

Community Citizenship is courses that define the rights, privileges and responsibilities of students within their school, community and employment settings. Concepts include voting, laws, and consequences of unlawful behavior, honesty, integrity, community volunteerism, rules and regulations. Students are instructed on how to be productive and safe in a variety of community situations, including employment. Students will become familiar with the basic concepts of personal responsibility related to employability and being a productive, contributing member of a business, community and/or organization.

Economics

Lowest Grade Placement: 12

Credit: 1/2

Prerequisite: U.S. History

Rank: College Prep

The course provides opportunities for students to examine basic principles concerning production, consumption and distribution of goods and services. The course emphasizes free enterprise system and its benefits. Students study such concepts as scarcity, economic interdependence, various market systems, economics, income tax preparation, fiscal and monetary policy and commercial banking. An in-depth study of the stock market includes a mock investment situation.

Pre-AP World Geography

Lowest Grade Placement: 9

Credit: 1

Prerequisite: TAKS Scores

Rank: Pre-AP

Pre-AP World Geography stresses the fine theme of geography with focus on the relationship between physical and cultural geography. Emphasis is placed not only on the use of geographic materials and tools such as maps, photographs, and satellite imagery but also how to gather and organize information as an aid to problem solving. It essentially aims to help students gain a global perspective of how people depend upon, adapt to, are affected by, and change the natural environment with the end-of-view of developing a better understanding of the connections among the world's people and places and indeed understand their own situations and their own futures. Projects are required for each conceptual theme.

Pre-AP World History
Lowest Grade Placement: 10

Credit: 1
Prerequisite: Approval
Rank: Pre-AP

Pre-AP World History is intended to challenge the ability and meet the needs of academically talented college-bound students. The purpose of the Honors Program is to emphasize the higher critical thinking skills of analysis, synthesis, and evaluation. Students explore an interdisciplinary view of the development of past and present. Discussion topics require students to show relationships and to interpret and to evaluate historical and literary materials. Students should expect supplementary reading and special assignments.

U.S. History
Lowest Grade Placement: 11

Credit: 1
Prerequisite: World Geography/World History
Rank: College Prep

U.S. History is a survey course of events concerning the United States of America. The course begins with the year 1865 and a study of the Reconstruction of America. Activities include oral reports, map projects, and reading primary and secondary source material. The influence of historical events is used to make the future more understandable.

U.S. Government
Lowest Grade Placement: 12

Credit: 1/2
Prerequisite: U.S. History
Rank: College Prep

The course in American government develops an understanding of foundations, structures and functions of US political systems. Special emphasis is placed on a study of the U.S. Constitution. Students are provided opportunities to identify executive, legislative, and judicial authority roles. They also examine the functions of political parties and factors that influence an individual's political beliefs and behavior.

World Geography
Lowest Grade Placement: 9

Credit: 1
Prerequisite: None
Rank: College Prep

World Geography stresses the five themes of geography with a focus on the relationship between physical, and cultural geography. Emphasis is placed on the development of research and map skills. A semester project is required.

World History
Lowest Grade Placement: 10

Credit: 1
Prerequisite: World Geography
Rank: College Prep

World History presents a chronological survey of world history from the earliest civilization to the present. Within this framework, World History traces the development of civilization in different parts of the world. Contained within the course are the influences of geography, the arts, literature, and the development of science and technology.

SCIENCE

Anatomy & Physiology of Human Systems

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Biology I & Chemistry

Rank: College Prep

Anatomy & Physiology is the study of the structures and functions of the components of the human body. This course is designed to build a knowledge base for those students who wish to pursue a medically related career. Laboratory investigations will include at least one major dissection (usually a cat), microscopic studies and physiology investigations. Lecture includes the physiology of each organ system. Students may attend presentations and lectures on related subjects or field trips to health care facilities. Students are expected to participate in-group projects and complete outside research. Students should consult their college of choice to determine whether or not Anatomy and Physiology will satisfy entry requirements.

AP Biology

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Biology I and Chemistry

Rank: AP

Advanced Placement Biology includes those topics regularly covered in a college biology course, such as biological chemistry, cells, energy transformations, molecular genetics heredity, evolution, plants, animals, ecology and biological careers. It provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with rapidly changing science of biology. A major goal of Biology AP is the preparation of students for the college advancement placement examination for Biology.

AP Chemistry

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Chemistry and Algebra II

Rank: AP

The intent of AP Chemistry is to provide the equivalent of a first-year college-level chemistry class. It emphasizes mathematical computations and in-depth review of inorganic chemistry topics, as well as organic chemistry and biochemistry principals. Laboratory investigations and report writing are emphasized. It will provide abundant background data for the scientific career. Although the advanced placement examination is not a course requirement, preparation for it is a major objective of the course.

AP Environmental Science

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Biology, Chemistry

Rank: AP

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major

AP Physics B

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Pre-AP Physics,
Pre-Calculus or Calculus

Rank: AP

AP Physics is a second year physics course designed to prepare students for the AP Physics Exam given each May. The student may receive college credit for algebra-base physics. This physics course is required for most science majors, all medical and health related careers, and in some business schools. AP Physics course content covers Newtonian mechanics, heat, kinetic theory and thermodynamics, electro-magnetism, waves and optics, and modern physics. This is a comprehensive physics course for the serious students who want to satisfy their college physics requirements after passing the AP Physics Exam.

Biology

Lowest Grade Placement: 9

Credit: 1

Prerequisite: None

Rank: College Prep

This course offers students general laboratory experiences and activities in fundamental concepts of Biology. It stresses investigation of the structure and functions of cells, exploratory activities of plants and animals, conditions needed for survival, a study of economic importance of plants and animal, and investigations of the biological systems which include the circulatory, respiratory, reproductive, and digestive systems. It is recommended that ninth graders who have a strong interest in and a good aptitude for science take Biology.

Chemistry

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Algebra I, Integrated Physics & Chemistry & Biology

Rank: College Prep

Chemistry is that branch of natural science concerned with the description of matter, its composition and classification, changes that matter under goes, and energy involved in these changes. Emphasis is placed on laboratory investigation, observations, measurement, data interpretation, safety practices, and math computation.

Integrated Physics & Chemistry

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Biology & Chemistry

Rank: College Prep

Integrated Physics and Chemistry is an introduction to the material taught in chemistry and physics. Laboratory activities are independent and group oriented and requires students to formulate their own hypotheses and conclusion.

Personal/Social Skills (Science)

Lowest Grade Placement: 9-12

Credit: 1/2 per course

Prerequisite: None

Rank: Regular

Personal/Social Skills course studies science based concepts is related specifically to independent daily living and employment. Attention is given to relating science to home and job practices that foster the understanding of student's roles and responsibilities in the care and operation of both facilities. Activities are "hands-on" experiences with an emphasis on cooperative learning strategies.

Physics

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Integrated Physics and Chemistry, Biology or Chemistry and Concurrent in Pre-Calculus

Rank: College Prep

This course focuses on matter and energy, vectors, electricity, magnetism, measurements, forces, energy transfer, nuclear particles, physics and relativity, and problem solving. In addition, this provides an overall view of scientific careers and it is encourage for all students to take.

Pre-AP Biology

Lowest Grade Placement: 9

Credit: 1

Prerequisite: TAAS Scores/Approval

Rank: Pre-AP

Biology is the study of life. It covers advanced studies of the methods of science, the cell, the principles of genetics and heredity, diversity and taxonomy, kingdoms, and ecological interactions. Emphasis is placed on critical thinking skills, oral and written communications, and research techniques.

Pre-AP Chemistry
Lowest Grade Placement: 10

Credit: 1
Prerequisite: Algebra I; Biology I Pre-AP
Rank: Pre-AP

Pre-AP Chemistry is an advanced level course dealing with the concepts presented in Chemistry I. However, a greater number of topics are covered and greater emphasis is placed on lab work, design, and projects.

Pre-AP Physics
Lowest Grade Placement: 11

Credit: 1
Prerequisite: Integrated Physics and Chemistry,
Biology and Concurrent in Pre-Calculus
Rank: Pre-AP

Pre-AP Physics is an accelerated version of Physics. Course content includes material covered in Physics plus heat and modern physics. This is a comprehensive physics course, which can be used as preparation for physics in college AP Physics in high school. Emphasis is placed on data analysis, problem solving and research.

unifying constructs, or themes, that cut across the many topics included in the study of environmental science. The following themes provide a foundation for the structure of the AP Environmental Science course.

Principles of Technology I
Lowest Grade Placement: 11

Credit: 1
Prerequisite:
Rank: Regular

Principles of Technology I uniquely teaches traditional physics concepts in the context of their relationship to the four energy systems-mechanical, fluid, electrical, and thermal. Principles of Technology I is the first installment of a two-year course that gives students the tools they will need to adapt to the changing environments they will face on the job.

ART COMMUNICATION AND MEDIA

Advanced Journalism/Yearbook I
Lowest Grade Placement: 11

Credit: 1
Prerequisite: Journalism

Students in the class will prepare the school yearbook for printing.

Advanced Journalism/Yearbook II
Lowest Grade Placement: 11

Credit: 1
Prerequisite: Advanced Journalism/
Yearbook I

Students use graphic, design, and layout skills to produce the school yearbook. Through the use of computer(s) and software programs, students will use desktop publishing to assist them in design and layout.

AP Music Theory
Lowest Grade Placement: 11

Credit: 1
Prerequisite: Pre-AP Music Theory

This course provides students with the understanding of musical structure and compositional procedures through recorded and notated examples. Strong emphasis is given to listening skills and recognition and comprehension of melodic and rhythmic patterns, harmonic functions, small forms, and compositional techniques. Genres to be explored in this class are contemporary, jazz, vernacular music, and music beyond the Western tradition.

AP Studio Art

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Art I

This rigorous course is designed as an independent study for serious art students with some guidance from the teacher. The distinct area of this course is to develop a specific portfolio emphasizing on perception, critical evaluation, and creative expression. Students will be evaluated on their portfolios strengths and interests. AP credit for college hours will depend on your portfolio's artwork and required guidelines from instructor.

Art I-Drawing/Painting

Lowest Grade Placement: 9

Credit: 1

Prerequisite: None

This is an introductory course to art production in the areas of drawing and painting. The course will include studies in art history, aesthetics, art theory, and criticism approaches.

Art I-Printmaking/Sculpture

Lowest Grade Placement: 9

Credit: 1

Prerequisite: None

This is an introductory course to art production in the areas of printmaking and sculpture. The course will include studies in art history, aesthetics, art theory, and criticism approaches.

Art II-Drawing

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Art I

This course focuses in art production in drawing. Subject emphasis will be on the human figure and content or purpose of work will form the base for all production. The course will include extended studies in art history, aesthetics, art theory, and criticism approaches.

Art II-Painting

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Art I

This course focuses in art production in drawing. Subject emphasis will be on the human figure and content or purpose of work will form the base for all production. The course will include extended studies in art history, aesthetics, art theory, and criticism approaches.

Art III-Printmaking

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Art I/Approval

A concentration of art production in printmaking. Subject emphasis will be on the human figure and content of work will form the base for all production. The course will include extended studies in art history, aesthetics, and criticism approaches. Production media will include calligraphy, linoleum, embossment, silk-screen, metal engraving (etching), and lithography. All production in this class will be considered for submission in the General Portfolio category.

Art III-Sculpture

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Art I/Approval

This course focuses in art production in sculpture. Subject emphasis will be on the human figure and content of work will form the base for all production. The course will include extended studies in art history, aesthetics, and criticism approaches. Production media will include clay, plaster, wood, paper, and wire. All production in this course will be considered for submission in the General Portfolio category.

Art Appreciation

Lowest Grade Placement: 12

Credit: .5 (Elective) and 3 hours (College credit)

Prerequisite: Art I, THEA or TAKS score

Art Appreciation focuses on the study of aesthetics as related to human expression. This course introduces the origins and historical development of art. Emphasis is placed on the relationship of design principles to various art forms including but not limited to sculpture, painting, and architecture. This is a humanities-oriented course where art principles are examined as they relate to the production and interpretation of Western art in both historical and cultural contexts covering the Renaissance through post-modern periods.

Ballet Folkloric I-IV

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Approval

This is a dance class, which counts for P.E. credit. Students will be instructed in various forms of traditional Mexican Folkloric dance. The goal will be to reach the level of proficiency necessary to perform in public. Class members will be given the opportunity to perform at school and community functions.

Choir I

Lowest Grade Placement:

Credit: 1

Prerequisite: None

This course provides opportunities for students to develop their musical potential and aesthetic understanding through singing in a choral ensemble. Study includes the care and cultivation of a beautiful tone, aesthetic awareness, and the ability to read music, the building of technical skills, team spirit, and responsible rehearsal habits. Students will have opportunities to experience the spontaneity of improvisation and the creative process of composition. Students will strengthen listening skills and their ability to analyze and evaluate music and music performances. Attention will also be given to relating their music experiences to personal development.

Color guard

Lowest Grade Placement: 9

Credit: 1/2 - 1

Prerequisite: None

This course introduces color guard as an art form through focus on perception, creative expression/performance, historical and cultural heritage and critical evaluation. Students' creative expression is fostered through kinesthetic awareness/skill development, introduction to various dance forms and choreography. This course forms a basis for the school's drill team.

Debate I-II-III

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Approval

Debate is an informally structured class that follows the curriculum guidelines established for the class by the state. The class emphasized both policy team debate and Lincoln-Douglas Value debate. The student's goal is to develop and enhance research, speaking, logic, note taking, and a vast variety of special rhetorical skills. Participation in speech contest as well as learning to administer speech contests is an extension of class activities (as lab work is an important extension of some science classes).

Ensemble Class (Guitar)

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Instructor's Approval

This course develops musical knowledge and technical skill on guitar through focus on perception, creative expression/performance, historical and cultural heritage and critical evaluation. Sequential classes progressively develop left and right hand technique, reading skills and repertoire from the traditional and Mariachi literature.

Journalism I

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Good English Language Skills

This course is designed for students with good English language skills. Emphasized will be basic news reporting, editing, advertising, photography, layout, design and copy writing.

Mariachi I, II, III, IV

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Approval

This course develops in musical, instrumental skills, knowledge, and perception on creative expression/performance. The students will experience the Mexican historical and cultural heritage through the traditional and Mariachi literature. Mariachi performance will be addressed in extracurricular events.

Media Technology I

Radio/Television

Lowest Grade Placement: 11

Credit: 2

Prerequisite: Communication Application

This will be a course geared towards radio and TV production. Students will learn to script, direct, and produce media productions. Video and audio recording, editing and broadcasting will be emphasized. The use of lighting, video and audio signal control and monitoring, and set design will be taught.

Music Appreciation

Lowest Grade Placement: 12

Credit: .5 (Elective) and 3 hours (College credit)

Prerequisite: THEA or TAKS score

This course introduces the student to the elements, forms, and stylistic eras in music through the study of cultural periods, major composers, and music elements.

Music Band I-IV

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Approval

This course develops musical knowledge and band ensemble skills through focus on perception, creative expression/performance, historical and cultural heritage, and critical evaluation. This is a combined advanced/intermediate class for band students and membership is determined by audition. Sight-reading skills, technical skills, marching skills, membership in the concert band and attendance at rehearsals outside of class are prerequisite. Activities include concerts, half-time performances, parades, U.I.L. events, and region tryouts. Marching band is during the fall season. **Attendance at scheduled performances is required.**

Pre-AP Music Theory

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Band Director Approval

Introduction of fundamental through advanced skills in understanding music theory. Among the projects required in the course may be arranging and composing original works. This is an excellent foundation course for college-bound music majors. Juniors and seniors may take for concurrent credit.

Theater I-II-III
Lowest Grade Placement: 9

Credit: 1
Prerequisite: None

These courses will cover all aspects of Theater, including drama, speech, play production, acting techniques, lighting, sound, and history of the above. Field trips to experience actual theatrical productions will be included. There is prerequisite but speech is recommended.

BUSINESS AND MARKETING

Accounting I
Lowest Grade Placement: 10

Credit: 1
Prerequisite: None

A study of the complete accounting cycle: opening entries, asset and liability accounts, expense and income accounts, journalizing transactions, cash payments, cash receipts, sales, purchase, journals, adjusting and closing entries, six and eight column worksheets, depreciation of fixed assets, payroll taxes, partnerships and corporations. It also includes a brief study of data processing using the worksheet, financial statements, closing entries and a part-closing trial balance. An inventory system is also included.

Accounting II
Lowest Grade Placement: 10

Credit: 1
Prerequisite: Accounting I

Students will develop advanced skills that build upon those acquired in Accounting I. Additional accounting skills such as reconciling uncollectible accounts, calculating depreciation on assets, interpreting financial information, and calculating notes and interest will be developed. Computerized accounting will again be incorporated as an essential tool where resources are available.

Administrative Procedures
Lowest Grade Placement: 9

Credit: 1
Prerequisite: Keyboarding

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce and/or post-secondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communications, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes, the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

Advanced Computer Sciences & Business
Lowest Grade Placement: 11

Credit: 1
Prerequisite: Intro to Computer Science & Business

This is a computer laboratory-based course designed to provide advanced knowledge and skills acquisition of the contemporary resources, processes and impacts of graphic communications technology. Activities in this course may include graphic design and computerized image composition.

AP Computer Science A
Lowest Grade Placement: 11

Credit: 1
Prerequisite: BCIS I, Algebra II

Computer Science (A) emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction.

Banking & Financial Systems
Lowest Grade Placement: 11

Credit: 1/2
Prerequisite: None

Students will learn about the history and role of money and banking in a modern economy, the operation of The Federal Reserve System, composition of the money supply, and international banking. The students will be able to identify the services and functions of banking and financial institutions - checking and savings accounts, loans, mortgages, interest, certificates of deposit, and investments. Students will develop an understanding of business and consumer financial transactions.

Business Computer Information Systems I
(BCIS I)
Lowest Grade Placement: 10

Credit: 1
Prerequisite: Keyboarding

The purpose of this course is to allow students to apply technical skills in addressing the business applications of emerging technologies. Among the competencies gained is the development of skills for success in the work place. The course focuses on the application of word processing technology, spreadsheet technology, and database technology. With appropriate supervision, students will exchange information via telecommunications technology and use desktop publishing technology and presentation management technology. Students will be able to identify the concepts of a computer network and analyze computer operating systems. This course provides a foundation for additional business courses. NOTE: This course satisfies the Technology Applications graduation requirement.

Business Computer Information Systems II (BCIS II)
Lowest Grade Placement: 11

Credit: 1
Prerequisite: BCIS I

This course is designed so that students analyze and implement appropriate technology as tools to address business needs. Flexibility and adaptability are emphasized. In this course, students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. This will be accomplished through the use of various software programs including multi-media, spreadsheet, data management, telecommunication, and publishing systems software. NOTE: This course satisfies the Technology Applications graduation requirement.

Business Computer Programming
Business Computer Programming
Lowest Grade Placement: 11

Credit: 1
Prerequisite: Keyboarding

Business Computer Programming I prepare students for business and college. At least two higher-level computer languages are introduced. Logic, graphics, utility, and communications software packages are provided. This course lays in the foundation for further training. Good keyboarding skills are necessary.

Business Imaging & Multimedia

(Computer laboratory-based)

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Keyboarding

This is a computer laboratory-based course designed to provide advanced knowledge and skills acquisition of the contemporary resources, processes and impacts of graphic communications technology. Activities in this course may include graphic design and computerized image composition.

Business Law

Lowest Grade Placement: 11

Credit: 1/2

Prerequisite: None

This course is designed to help students analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety and diversity in society in the workplace. Typical units of study include rights and responsibilities of consumers, personal financial management, ethical concepts of integrity and confidentiality in the business environment, employee rights and protections provided by law and options for the organization and operation of a business. Students are also exposed to the steps followed during a civil or criminal lawsuit in order to understand the impact of the legal system on business.

Business Management

Lowest Grade Placement: 10

Credit: 1/2

Prerequisite: None

This course allows students to recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students analyze the social responsibility of business and industry regarding the significant issues relation to the environment, ethics, health, safety, and diversity in society and in the workplace. Students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees and entrepreneurs. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

Business Ownership

Lowest Grade Placement: 10

Credit: 1/2

Prerequisite: None

This course is designed to help students strengthen individual performance in the workplace and in society to make a successful transition to the workforce and/or post-secondary education. Students develop a foundation in the economic, financial, technological, international, social and ethical aspects of business to become competent consumers, employees and entrepreneurs. Units of study include economic principle, components of productivity and formulation of a marketing strategy for a business.

Business Support Systems

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Keyboarding

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce and/or post-secondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communications, and reasoning skills and apply them to the business environment.

Career Connections

Lowest Grade Placement: 9

Credit: 1/2

Prerequisite: None

Achieving proficiency in decision-making and problem solving is an essential skill for career planning and lifelong learning. Students use self-knowledge, educational, and career information to set and achieve realistic career and educational goals.

Computer Science I

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Algebra I/Geometry

A one-year beginning course in the Pascal programming language, this course is designed for students who plan to take science or mathematics courses in college. This course is recommended to meet Advanced Graduation Plan computer requirements.

Desktop Publishing

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Keyboarding

This word processing course focuses on creating publications like newspaper articles. Through the use of computers and software programs, students will be able to design and use layout for special projects.

Entrepreneurship

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Approval

A course designed to focus on those marketing and managerial functions that are critical to owning and operating a business. Application of broad marketing and management concepts and knowledge is provided through the development of marketing, financial and management plans for a business.

International Marketing

Lowest Grade Placement: 11

Credit: 1

Prerequisite:

An introductory course that covers concepts of entry-level marketing business, functions in an international marketing environment. The following skill standards will prepare the students in International Marketing: marketing and business fundamentals, selling, financing, product/service planning, information management, buying, distribution, pricing, promotion, risk management, economics, communications, marketing math and marketing operations.

Introduction to Business

Lowest Grade Placement: 9

Credit: 1/2

Prerequisite: None

Students who take this course will be provided opportunities to study the characteristics of a business, forms of business ownership, career planning, and personal business issues.

Introduction to Computer Science & Business

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Approval

This course teaches Data Modeling and the Structured Query Language (SQL). In data modeling, students analyze complex business scenarios to map the relationships between business entities. The SQL portion of the course takes this database design concept to implementation, where students physically build the database through written SQL code. Students learn the industry's standard process and language while utilizing latest software. At the end of this course students can take the first of two examinations required to earn a certification from the company.

Keyboarding
Lowest Grade Placement: 9

Credit: 1/2
Prerequisite: None

This course provides for the mastery of touch control of keyboard characters, correct keystroking, proper manipulation of operating parts, and care of the keyboard. Basic skills are acquired through correct keyboarding techniques, skill building drills for speed and accuracy, and application of keyboarding skills to simple production keyboarding. The student applies these skills in the typing of manuscripts, letters, and simple tabulations.

Recordkeeping
Lowest Grade Placement: 9

Credit: 1/2
Prerequisite: None

A study of cashier's records, and bank statements, petty cash records, budget for home business, retail sales clerk records, purchase and payroll records, recording receipts and payments for small retail business. It includes a complete filing system based on the business needs. A brief review of an inventory system is explained.

Trade & Industrial Career Preparation (TICP)
Lowest Grade Placement: 12

Credit: 1 or 3
Prerequisite: Approval

This course is designed to develop trade and industrial skills by work placement. It includes topics in personal development, employee/employer relations and group and interpersonal communication skills in the work place.

Web Mastering
Lowest Grade Placement: 12

Credit: 1/2
Prerequisite: Computer Science

This course introduces the students to the use of technology for the purpose of web page development and maintenance. Students will be asked to learn, acquire, evaluate, analyze, and organize information. Students will also be asked to demonstrate appropriate knowledge and use of web authoring software and hardware to publish information on the Internet. This course will satisfy the technology application strands: foundations, information acquisition, work in solving problems and communication.

HEALTH SCIENCES

Gerontology
Lowest Grade Placement: 9

Credit: 0.5
Prerequisite: None

This course is designed to provide students the overview of the diagnostic, therapeutic, informational, and environmental functions of the geriatric care. This course will also explore the ethical standards and legal responsibilities concerning geriatric health care.

Health Science Technology I
Lowest Grade Placement: 10

Credit: 1
Prerequisite: None

This course is especially designed for those students who have an interest in pursuing a career in any of the health-related professions. Students will become familiar with employment opportunities and preparations requirements for entry into a variety of health/medical related fields. First aid skills, including CPR, anatomy and physiology, medical record management, and medical terminology are an example of course content. Field experiences will also be provided. Note: This course may substitute for the 1/2 unit of Health required for graduation when a student takes this course for both semesters.

Health Science Technology II - Clinic Rotation

Credit: 2

Lowest Grade Placement: 11

Prerequisite: Health Science Tech I/Approval

This is a two-hour laboratory oriented class, which is intended for students interested in a career in the health care science. Regular field experiences will be an integral part of this course. Students will be provided opportunities to practice/observe entry-level skills in various health care settings. This course may count as college credit for medical terminology.

HST III

Credit: 2

Lowest Grade Placement: 12

Prerequisite: Health Science Tech II and must be taken concurrently with Pharmacology

This two-hour block course is designed to provide for the development of occupational skills related pharmaceutical assisting. Students will have hands-on experience related to pharmacy practices, scope of practice, role of technology, and ethical and legal issues.

Introduction to HST I

Credit: 1

Lowest Grade Placement: 9

Prerequisite: Intro to HST/Medical Terminology

This course is designed to provide students an overview of the therapeutic, environmental, and informational systems of the health care industry. The main emphasis is on career exploration, leadership development, ethical and legal issues, economics and history of the health care profession. Students will also develop a concept of health and wellness from the perspective of a health consumer as well as a potential professional in the health care industry.

Medical terminology

Credit: 0.5

Lowest Grade Placement: 9

Prerequisite: None

This course is designed to teach students the language of medicine. Students will build their medical vocabulary by familiarizing themselves to the prefixes, suffixes, acronyms, symbols, medical roots and medical abbreviations. Students will also explore the proper pronunciation of the medical terms and be able to accurately interpret, transcribe and communicate words related to health.

Mental Health

Credit: 0.5

Lowest Grade Placement: 9

Prerequisite: None

This course is an introduction to mental health services, careers, agencies, current issues and the difference between functional and dysfunctional behaviors. Students develop an awareness of the factors that affect mental health by exploring traditional and emerging treatment modalities.

Pharmacology

Credit: 1

Lowest Grade Placement: 10

Prerequisite: Health Science Tech I, Biology & Chemistry / Approval

This course is designed for students to acknowledge the different types of drugs utilized in the medical field. Students will investigate the differences, effects and side effects of these drugs. In addition, infant child dosage calculations, CPR, and Internet research on the drug topics will be addressed.

Emergency Medical Technology

Credit: 2 credits

Entry Requirements: C.N.A

Emergency Medical Technician's program prepares the students on how to provide proper care at the scene of an emergency as well as en-route to and at the hospital. Students learn to appropriately assess, treat and transport patients with medical, behavioral and traumatic emergencies.

Certified Nursing Assistant Program

Credit: 2 credits

Entry Requirements: THEA scores or TAKS Scores
TSTC C.N.A Dept. Interview

This program prepares students to the nursing profession. Students will learn how provide support to licensed nurses who care for residents of health care facilities, hospitalized patients or in other health provider settings. Students learn to provide basic bedside nursing care such as taking vitals, bed making, bathing and assisting patients. Students get to apply skills learned during a clinical practice in a hospital or nursing home. At the end of the semester, students will take their State Certification Examination.

Bio-Medical Engineering Tech

Credit: 2

Pre-requisite: C.N.A

Students in this program will learn to calibrate, trouble-shoot, maintenance and repair of a variety of sophisticated medical equipments. This course introduces students to electronics, electricity and computer science concepts.

HUMAN SERVICES**Personal & Family Development**

Credit: 1

Lowest Grade Placement: 9

Prerequisite: None

This course is about clothing and textiles, food and nutrition, healthy life styles, and money management. Students learn to make and select clothing, prepare and serve nutritious food, make decisions and manage money, get along with family and friends, and take care of children. Careers in Home Economics are discussed.

Preparation for Parenting

Credit: 1

Lowest Grade Placement: 10

Prerequisite: None

This course is designed to give students opportunities to develop an understanding of what being an effective parent or caregiver is. It stresses parental responsibilities and skills needed to be a positive role model and a child's first teacher. The course also stresses ways to guide and promote a child's development, health, safety, and well-being. Career opportunities related to children's services are explored.

Child Development

Credit: 1/2

Lowest Grade Placement: 10

Prerequisite: None

This laboratory course focuses on gaining knowledge and skills related to the development, care, guidance, and protection of children. It addresses ways to promote the physical, emotional, social, and intellectual development of young children including those with special needs. Other topics include quality childcare, career options related to the care and education of children, and the management of the family.

Family Health Needs

Lowest Grade Placement: 10

Credit: 1/2

Prerequisite: None

The family/individual health course emphasis is on the characteristics of and influences on personal wellness. Individual and family patterns contributing to the wellness of family members are covered. The content addresses health resources, health care, contemporary and world health issues options, and required preparation for careers within the field. Concepts and skills for managing the dual roles of homemaker and wage earner and the complications and/or solutions that are involved within these responsibilities are addressed.

Individual and Family Life

Lowest Grade Placement: 10

Credit: 1/2

Prerequisite: None

This course is designed to help students evaluate and appreciate self with emphasis on basic needs, personal development, and decision-making related to single living and/or mate selection. The study emphasizes personal relationships, changing attitudes of dual income families, personal finances, and decisions about parenthood and childbearing. Special focus will be given to employability skills and good management practices that strengthen the family.

Activities for Daily Living (Homemaking)

Lowest Grade Placement: 9-12

Credit: 1/2

Prerequisite: None

The activities for Daily Living course are developed to integrate the domestic, recreation, leisure, school and community domains. Students investigate through activity based sessions, a variety of activities associated with the daily living experience. Organizing a daily routine and schedule will serve the students in their process of taking charge of independent living. Students will study areas of: cooking, safety, leisure, chores, duties, responsibilities, budget, time management, first aid and communication. Personal safety and responsibility will be examined in response for taking care of one's self, others and/or pets. Health care, transportation, telephone skills and appropriate recreation activities are addressed in the context of developing a full capacity living experience. Students will develop strategies to respond to potential emergencies that may appear in the process of daily living.

Apparel

Lowest Grade Placement: 10

Credit: 1/2

Prerequisite: None

This class is for developing and improving skills in clothing construction, keeping up with fashion trends, and using different kinds of sewing equipment. Career options related to apparel are presented.

Nutrition & Food Science

Lowest Grade Placement: 10

Credit: 1/2

Prerequisite: None

This class helps students develop skills for food selection and preparation as well as learning about nutrition and special diets related to age, health, and budget. Career opportunities in food science and nutrition are investigated along with food habits related to wellness, special diets, food costs, buying habits, food safety, and sanitation. Time and money management are stressed.

Food Science & Technology

Lowest Grade Placement: 10

Credit: 1/2

Prerequisite: Nutrition & Food Science

This technical laboratory course is designed to provide foundation training in the area of food service and technology. Content addresses food science principles; nutrition and wellness; managing multiple family, community, and career options in nutrition, food science, and food technology.

Child Care & Guidance Management and Services

Credit: 2
Prerequisite: Child Development

Lowest Grade Placement: 11

This course is for developing knowledge and skills related to child growth and development and equip individuals to develop positive relationships with children and effective parenting and caregiver skills. Individuals use these skills to promote the well being and healthy development of children, strengthen families in a culturally diverse society, and pursue careers related to the care and education of children.

Elementary School Teacher Assistant (E.S.T.A) I & II

Credit: 1
Prerequisite: Approval

Lowest Grade Placement: 11

This course is designed as a work-based internship, which provides students learning experience in child development while they work directly with young children and career elementary school teachers. High school students assist in individualized instruction, individual tutoring, small group tutoring, preparing bulletin boards, and other activities.

Hospitality Services

Credit: 2
Prerequisite: Nutrition & Food Science

Lowest Grade Placement: 11

This course explores the hospitality industry, which encompasses lodging, food service, and institutional services and boasts the largest national employment base in the private sector. Individuals utilize knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry.

INDUSTRIAL AND ENGINEERING TECHNOLOGY

Drafting I

Credit: 1
Prerequisite: Intro to Engineering design, BCIS I

Lowest Grade Placement: 11

Students will be provided opportunities to use drafting tools and computers to apply the best principles of sketching, lettering, and dimensioning. Practice will be provided in the areas of architecture and mechanical drawing. This is an excellent course for students who plan to study engineering.

Pre-AP Computer Science

Credit: 1
Prerequisite: Algebra I,

Lowest Grade Placement: 10

A one-year beginning course in the Pascal programming language, this course is designed for students who plan to take science or mathematics courses in college. This course is recommended to meet Advanced Graduation Plan computer requirements.

AP Computer Science A
Lowest Grade Placement: 11

Credit: 1
Prerequisite: BCIS I, Algebra II

Computer Science A emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction.

Metalworks
Lowest Grade Placement: 11

Credit: 2
Prerequisite: TAKS or THEA Scores

Students will gain knowledge and skills in machining, precision measurement, tool and die, welding, blueprint reading and manufacturing processes. Students will have the opportunity to earn their Precision manufacturing certificate upon completion of the two-year block (11th & 12th Grade).

Heating, Ventilation, Air Conditioning and Refrigeration Technology I & II

Lowest Grade Placement: 11

Credit: 2
Prerequisite: TAKS or THEA scores

Heating, Ventilation, Air Conditioning and Refrigeration technicians are primarily trained in the service, repair, maintenance and installation of heating, cooling and refrigeration equipment including domestic, residential, commercial and industrial systems. Career preparation requires extensive educational training in refrigeration systems, electrical-electronic controls, pneumatic controls, cooling and heating systems, duct design, fabrication and residential and commercial heat gained and loss calculations.

Automotive technology I & II
Lowest Grade Placement: 11

Credit: 2
Prerequisite: TAKS or THEA scores

The Automotive Technology program is designed to prepare students for employment in the automotive service industry. Students will gain knowledge and skills necessary to inspect, maintain and repair automobiles and light trucks. Students will also learn various automotives systems such as computerized automotive control, air conditioning, electrical, fuel injection, transmissions and transaxles, engine performance, brakes, steering and suspension systems.

Electronic & Computer Maintenance Tech I & II Credit: 2

Lowest Grade Placement: 11

Prerequisite: TAKS or THEA scores

These introductory courses cover skills such as computer repair, maintenance, and basic electronics. Upon successful completion of the two-year block, students will have the opportunity to earn their Electronics and computer maintenance certificate. These courses are concurrently enrolled at South Texas College.

Electrician's Assistant Program

Lowest Grade Placement: 11

Credit: 2
Prerequisite: TAKS or THEA scores

This program prepares the students in understanding basic and complex concepts of electricity. Students also learn how to read technical drawing and blueprints, install and maintain wiring, fuses, and other components through which electricity flows. Students become familiar with National Electrical Code, and develop keen understanding of State and local building codes.

Logistics

Lowest Grade Placement: 11

Credit: 2
Prerequisite: TAKS or THEA scores

The Logistics Management Certificate program prepares students for employment in the field of warehousing or logistics. Students of this program will gain skills in warehousing, record keeping and general support services

Civil Drafting

Lowest Grade Placement: 11

Credit: 2

Prerequisite: TAKS or THEA scores

Civil Drafting program prepares students in understanding and producing civil engineering plans and drawings. Students use Computer-aided design software in making plans and technical drawings. Plans include topographical maps, property boundary maps & surveys, utility design maps, drainage plans, and grading plans.

Aviation Maintenance Technology

Lowest Grade Placement: 11

Credit: 2

Prerequisite: TAKS or THEA scores

Students train to be maintenance technicians where they learn to inspect, service, and maintain aircraft. They learn major airframe components and structures such as hydraulics/pneumatics, landing gear systems, sheet metal and composite technology.

PERSONAL AND PROTECTIVE SERVICES**Fundamentals of Criminal Law**

Lowest Grade Placement: 11

Credit: 1

Prerequisite: Intro to Criminal Justice

This course is designed to study crime problems in historical perspective. It also focuses on social and public policy and different factors affecting crime. This course will also explore the implications of crime in the United States and in global scope. Other issues covered in this course are crime trends, social characteristics of specific crimes, and crime prevention.

**Technical Introduction to Criminal Justice
(TICJ)**

Lowest Grade Placement: 10

Credit: 1

Prerequisite: None

This course is designed to familiarize students with introductory skills and basic understanding of law enforcement. It includes study of the legal system, sequential procedures upon arrival at a crime scene, search and patrol procedures, arrest and seizures procedures, communication skills, safety, leadership and career opportunities.

Correctional System & Practices

Lowest Grade Placement: 10

Credit: 1

Prerequisite: None

Correctional Systems & Practices is a Tech-Prep articulated course that provides a study of corrections in the American criminal justice system. Instruction includes a history of corrections, correctional roles, the organization of correctional systems, living and working in the prison system, institutional management, the American jail, community corrections, institutional programs, current and future correctional issues, and careers in corrections.

LANGUAGES OTHER THAN ENGLISH

Spanish I MON

Lowest Grade Placement: 9

Credit: 1

Prerequisite: None

This course is designed for non-native speakers. It introduces the basic skills of Spanish with emphasis on oral proficiency and phonics. Listening, speaking, reading and writing, are emphasized with focus on vocabulary development. Grammar structures and dialogues are acquired through drills. Comparisons are made among cultures with emphasis on the variety of cultures that exist in the Hispanic world. Placement in this course is based on teacher recommendation and/or results of oral examination.

Spanish I (Bilingual)

Lowest Grade Placement: 9

Credit: 1

Prerequisite: None

This course is designed for students with some knowledge of the Spanish language. The major goal is to enable students to communicate effectively orally and in written form by applying the four basic skills. It also includes vocabulary, grammatical structure, and experience in reading and writing in order to develop the ability to communicate in Spanish on topics of practical value to improve students' abilities in the command of the Spanish language. Instruction is conducted in Spanish; the student will be taught to read and write in Spanish.

Spanish II (Monolingual)

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Spanish I MON

This course is designed for the non-native speakers. It is a continuation of Spanish I MON. The oral proficiency method is emphasized, and conversation, as well as survival skills, is studied with emphasis on Spanish grammar structure. All four basic skills are reinforced. Also, students study the cultural aspects and traditions of Hispanic countries. Students read and study short stories and excerpts from novels. By the end of the year, non-native speakers should be able to communicate at an understandable level with native speakers.

Spanish II (Bilingual)

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Spanish I BIL

This course is designed for Spanish-speaking students. It is a continuation of Spanish I BIL. Communicating effectively is a main objective acquired through oral proficiency methods. The four basic skills are also expanded as needed. In particular, the course includes simple and compound tenses and the writing of compositions. Also, students study the cultural background of Hispanic countries and civilization. Instruction is conducted in Spanish only.

AP Spanish II (Spanish Language)

Lowest Grade Placement: 10

Credit: 1

Prerequisite: Spanish I

This course is designed for students who have command of the Spanish oral language and mastery of grammar taught during the first two years. This course includes the study of grammar and reading on history, literature, music, art and customs of the Spanish-speaking countries (Latin America and Spain). The emphasis of this course is on grammar. Instruction is in Spanish only.

Spanish III (Monolingual)
Lowest Grade Placement: 11

Credit: 1
Prerequisite: Spanish II MON

This course is designed with emphasis on the oral proficiency method. Conversations, as well as survival skills, are studied with emphasis on the Spanish grammar structure. All four basic skills are reinforced. Also, students study the cultural aspects and traditions of Hispanic countries. Students read and study short studies and excerpts from novels. By the end of the year, non-native speakers should be able to communicate easily with native speakers.

Spanish III (Bilingual)
Lowest Grade Placement: 11

Credit: 1
Prerequisite: Spanish II BIL

This course is designed to reinforce all four basic skills. Students, who now have command of the oral language and knowledge of grammar studied during the first two years, explore the cultural aspects and traditions of Hispanic countries. Students will read and study short stories, poetry and excerpts from novels. Composition, grammar and oral proficiency are also emphasized. Instruction is conducted in Spanish only.

Pre AP Spanish Literature
Lowest Grade Placement: 9

Credit: 1
Prerequisite: AP Spanish Language

This course is designed for students who have a command of the Spanish oral language and mastery of grammar studied during previous years of Spanish. This course is specifically for students that have already passed AP Spanish Language. This course will introduce the study of literature, music, art, and customs of Spanish speaking countries. The main emphasis of this course is the introduction of the students to Spanish literatures from Latin American authors as required by the College Board. Instruction is conducted in Spanish only.

AP Spanish III Literature
Lowest Grade Placement: 11-12

Credit: 1
Prerequisite: AP Spanish II

This course is designed for students who have a command of the Spanish oral language and mastery of grammar studied during previous years of Spanish. This course includes the study of literature, grammar, music, art and customs of Spanish-speaking countries (Latin America and Spain). The emphasis of this course is on the literature of Spanish and Latin America authors required by the College Board. Instruction is conducted in Spanish only.

MILITARY SCIENCE

Military Science I-IV

Lowest Grade Placement: 9

Credit: 1

Prerequisite: None

Junior ROTC is a high school course given during regular school hours but includes many out-of-school activities. JROTC covers the basics in history, government, technology awareness, and current events. But JROTC also teaches leadership skills (like to motivate others) and personal skills (how to study, take test's, etc). JROTC offers extracurricular activities such as color guard, drill team and others. JROTC students even have an opportunity to go to a one-week summer camp. **No JROTC cadet is under any obligation to join the military.** JROTC use military skills to teach confidence, self-discipline and pride in a job well done.

The purpose of the Military Science courses is:

To develop leadership skills and the ability to work cooperatively with others;

To motivate young people to be better citizens;

To help form habits of self-discipline;

To develop the ability to think logically and to communicate effectively both orally and in writing;

To develop respect for and understanding of the need for constituted authority in a democratic society;

To develop a respect for an understanding of the need for a constituted authority in a democratic society;

The U.S. Army sponsors the program at Hidalgo High School.

Although students enrolled in any JROTC course of instruction accrue advantages should they elect to enter the Armed Forces, there is no military obligation incurred as a result of participating in high school JROTC.

Students may take Military Science as an elective or to earn 1 1/2 units of Physical Education.

Teen Leadership

Lowest Grade Placement: 9

Credit: 1/2

Prerequisite: None

This course is designed to offer students the opportunity to learn the characteristics of effective leaders. The class prepares students to enter the work place as effective communicators and competent leaders.

PHYSICAL EDUCATION / ATHLETICS / HEALTH

Foundation of Personal Fitness

Lowest Grade Placement: 9

Credit: 1/2

Prerequisite: None

Foundations of Personal Fitness incorporates multiple dimensions of wellness and their relationship to the student's ability to develop and maintain a physically, active, healthful lifestyle. The course focuses on criteria for self-assessment, development, and implementation of a personal fitness program. Knowledge and application of personal fitness enhances the student's ability to reassess needs and interests to continue to be physically active throughout the life span.

Aerobic Activities

Lowest Grade Placement: 9

Credit: 1/2

Prerequisite: Foundation of Personal Fitness

This course enables the student to develop knowledge, beginning skills, and health-related fitness through participation in a variety of aerobic activities. The course focuses on developing competency in the basic skills of two or more activities that may include aerobic dance, aqua aerobics, cycling, jogging, power walking, recreational dance, and step aerobics. Acquisition of these skills allows the student to develop and maintain a lifelong physically active lifestyle.

Cheerleading

Lowest Grade Placement: 9 - 12

Credit: Varies

Prerequisite: Audition

Cheerleader selection is by judges and the student body election. Practices for varsity will be held during the school day in class. JV and 9th grade will meet after school. Cheerleaders attend and participate in athletic events. See the appropriate cheerleader sponsor for more details. (Credit – ½ PE credit first trimester, ½ Fine Arts/Dance credit second trimester.)

Individual Sports

Lowest Grade Placement: 9

Credit: 1/2

Prerequisite: Foundation of Personal Fitness

This course enables the student to develop knowledge, beginning skills, and health-related fitness through participation in individual sports. The course focuses on developing competency in basic skills of two or more individual sports that may include aquatics, archery, badminton, bicycling, gymnastics, golf, handball, racquetball, self defense, table tennis, tennis, track and field, weight training, and wrestling. Acquisition of these skills allows the student to develop and maintain a lifelong physically active lifestyle.

Team Sports

Lowest Grade Placement: 9

Credit: 1/2

Prerequisite: Foundation of Personal Fitness

Team Sports I develops knowledge, beginning skills, and health-related fitness through participation in team sports. The course enables the student to develop competency in the basic skills of two or more team sports that may include basketball, field hockey, flag football, floor hockey, soccer, softball, team handball, and volleyball. Acquisition of these skills allows the student to develop and maintain a lifelong physically active lifestyle through participation in a team sport of their choice.

Athletics (Boys)

Lowest Grade Placement: 9

Credit: 2 State Credits, 2 Local Electives (If taken in 4 years)

Prerequisite: Approval

This course is designed to prepare our male athletes for U.I.L competition. It involves in-season training in the various sports, such as football, basketball, track and field, baseball, plus an accelerated off-season P.E. program that gives each athlete technique and knowledge of each sport that he will be participating in the following year. Select one: Freshmen Football, Football 10-12, Basketball, Baseball, (Note: All boys who plan to play football must be in football Athletics unless approved by the head coach. All boys participating in other sports must enroll in the appropriate Athletics class unless other arrangements are made with the appropriate coach.) Two of the four credits will be counted as local credit.

Athletics (Girls)

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Approval

This course is designed to prepare our female athletes for U.I.L competition. It involves in-season and off-season training for Cross Country, Volleyball, Basketball, and Track. All girls who are in sports must enroll in Athletics each year unless other arrangements are made with the appropriate coach. Select one: Freshmen Athletics or Varsity Athletics. Two of the four credits will be counted as local credit.

Principles of Athletic Training

Lowest Grade Placement: 11

Credit: 1/2

Prerequisite: Health and Approval

This course will include training with the Athletic Trainer during sport events. This class will provide students with lifetime skills, CPR training, practical health and safety rules.

Ballet Folkloric I-IV

Lowest Grade Placement: 9

Credit: 1

Prerequisite: Approval

This is a dance class that counts for P.E. credit. Students will be instructed in various forms of traditional Mexican Folkloric dance. The goal will be to reach the level of proficiency necessary to perform in public. Class members will be given the opportunity to perform at school and community functions.

Health

Lowest Grade Placement: 10

Credit: 1/2

Prerequisite: None

This is a one-semester course required of all students, in which many topics of general and specific interests are covered, such as mental health, knowing yourself, personal hygiene, and general study of anatomy and physiology. Note: One year of HST-I will take care of a 1/2 credit of Health.

Basic Health

Lowest Grade Placement: 9-12

Credit: ½

Prerequisite: None

This course is a study in health awareness. Particular attention is given to growth, reproduction and development, exercise, diet and nutrition, leisure activities, personal development and strategies to use in addressing personal health and hygiene issues, and social skill development. The study of disease will be addressed within the course. Students learn to make healthy lifestyle decisions. Application related to current events, access to health and social services within the community, wellness strategies, mental health awareness and substance abuse will be identified and examined.

SAT (Scholastic Aptitude Test)**ACT (American College Testing)****TASP (Texas Academic Skills Program)****TAKS (Math and Science)****TAKS (Language Arts and Social Studies)**

Lowest Grade Placement: 10

Credit: Local Credit

Prerequisite: English I / Algebra I

These courses are aimed to prepare the student's ability for college testing. They include test-taking strategies for college entrance exams, as well as instruction on memory, concentration, test anxiety, note taking, and strategies to improve confidence and time management.

PALS

Lowest Grade Placement: 11

Credit: 1

Prerequisite: None but must go through selection process

This course gives students an opportunity for students to help other students by caring, sharing, listening, and developing interpersonal relationships. Peer helpers receive training in communication skills; trust building, peer mediation, character education, problem solving, decision-making, and more. This program requires out-of-school community projects, after school activities, traveling to other campuses to work with younger students, and out-of-valley travel for the state conference.

EARLY COLLEGE HIGH SCHOOL COURSES

1. University of Texas Pan American

COMM 1313

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 10

High School Equivalent: **Communication Application**

High School Credit: 0.5
Prerequisite: None
Rank: None

KIN 1101

Course Designation: Dual
Credit: 2 College Hours
Lowest Grade Placement: 10

High School Equivalent: **Health**

High School Credit: 0.5
Prerequisite: None
Rank: None

CIS 1201

Course Designation: Dual
Credit: 2 College Hours
Lowest Grade Placement: 10

High School Equivalent: **BCIS I**

High School Credit: 1.0
Prerequisite: None
Rank: None

UNIV 1301

Course Designation: Non Dual
Credit: 3 College Hours
Lowest Grade Placement: 10

High School Equivalent:

High School Credit:
Prerequisite: None
Rank: None

ENG 1301

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **English III (Semester 1)**

High School Credit: 0.5
Prerequisite: English I, English II and TSI cleared
Rank: AP

ENG 1302

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **English III (Semester 2)**

High School Credit: 0.5
Prerequisite: ENG 1301
Rank: AP

HIST 2313

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **US History (Semester 1)**

High School Credit: 0.5
Prerequisite: TSI cleared
Rank: AP

HIST 2314

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **US History (Semester 2)**

High School Credit: 0.5
Prerequisite: HIST 2313
Rank: AP

MATH 1340

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **Pre Cal (Semester 1)**

High School Credit: 0.5
Prerequisite: TSI cleared
Rank: AP

MUS 1301

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **Music Appreciation**

High School Credit: 0.5
Prerequisite:
Rank: None

ART HIST

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **Art Appreciation**

High School Credit: 0.5
Prerequisite:
Rank: None

PHIL 1310 or 1320

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **Philosophy**

High School Credit: 1.0
Prerequisite:
Rank: None

CRIJ 1301

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **Crime in America**

High School Credit: 1.0
Prerequisite:
Rank: None

BIOL 1401

Course Designation: Dual
Credit: 4 College Hours
Lowest Grade Placement: 11

High School Equivalent: **AP Biology (Semester 1)**

High School Credit: 0.5
Prerequisite: TSI Cleared
Rank: AP

BIOL 1402

Course Designation: Dual
Credit: 4 College Hours
Lowest Grade Placement: 11

High School Equivalent: **AP Biology (Semester 2)**

High School Credit: 0.5
Prerequisite: BIOL 1401
Rank: AP

CHEM 1401

Course Designation: Dual
Credit: 4 College Hours
Lowest Grade Placement: 11

High School Equivalent: **AP Chemistry (Semester 1)**

High School Credit: 0.5
Prerequisite: TSI Cleared
Rank: AP

CHEM 1402

Course Designation: Dual
Credit: 4 College Hours
Lowest Grade Placement: 11

High School Equivalent: **AP Chemistry (Semester 2)**

High School Credit: 0.5
Prerequisite: CHEM 1401
Rank: AP

PHYS 1401
Course Designation: Dual
Credit: 4 College Hours
Lowest Grade Placement: 12

High School Equivalent: **AP Physics (Semester 1)**
High School Credit: 0.5
Prerequisite: TSI cleared
Rank: AP

PHYS 1402
Course Designation: Dual
Credit: 4 College Hours
Lowest Grade Placement: 12

High School Equivalent: **AP Physics (Semester 2)**
High School Credit: 0.5
Prerequisite: PHYS 1401
Rank: AP

ECON 2301
Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 12

High School Equivalent: **AP Macro Economics**
High School Credit: 0.5
Prerequisite: TSI cleared
Rank: AP

POLS 2313
Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 12

High School Equivalent: **AP Government**
High School Credit: 0.5
Prerequisite: TSI cleared
Rank: AP

POLS 2314
Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 12

High School Equivalent: **AP Government**
High School Credit: 0.5
Prerequisite: TSI cleared
Rank: AP

Course description is available online <http://www.utpa.edu/catalog/>

2. Texas State Technical College

The following programs are available to Hidalgo Early College High School students through TSTC-Harlingen.

- A. Aviation Maintenance Technology
- B. Certified Nursing Assistant
- C. Computer Aided Design Technology
- D. Culinary Arts
- E. Biomedical Technology
- F. Emergency Medical Technology

Course description is available online <http://www.harlingen.tstc.edu/services/courseinformation.aspx>

3. South Texas College

ENG 1301

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **English III (Semester 1)**

High School Credit: 0.5
Prerequisite: English I, English II and TSI cleared
Rank: AP

ENG 1302

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **English III (Semester 2)**

High School Credit: 0.5
Prerequisite: ENG 1301
Rank: AP

HIST 2313

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **US History (Semester 1)**

High School Credit: 0.5
Prerequisite: TSI cleared
Rank: AP

HIST 2314

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **US History (Semester 2)**

High School Credit: 0.5
Prerequisite: HIST 2313
Rank: AP

MATH 1340

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **Pre Cal (Semester 1)**

High School Credit: 0.5
Prerequisite: TSI cleared
Rank: AP

MATH 1414

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11
Rank: AP

High School Equivalent: **Pre Cal (Semester 2)**

High School Credit: 0.5
Prerequisite: Math 1340

ART HIST

Course Designation: Dual
Credit: 3 College Hours
Lowest Grade Placement: 11

High School Equivalent: **Art Appreciation**

High School Credit: 0.5
Prerequisite:
Rank: None

The following programs are available to Hidalgo Early College High School students through STC-Technology Campus.

- A. Automotive Technology
- B. HVAC Technology
- C. Electronic and Computer Maintenance Technology
- D. Electrician's Assistant Program
- E. Metalworks
- F. Logistics
- G. Civil Drafting

Course description is available online <http://www.southtexascollege.edu/academics/catalogs/index.html>