Dickinson High School

2012-2013 Academic Handbook

Dear Students and Parents:

The decisions regarding course selections are some of the most important ones that you will make. We are looking forward to working with you regarding your graduation plan and course selections. This handbook contains information regarding graduation requirements, grading procedures, course offerings and prerequisites for certain courses.

Sincerely,

Dickinson High School Counselors

Dickinson Independent School District does not discriminate on the basis of race, religion, color, national origin, sex or disability in providing education services.

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Dickinson High School

Promoting Excellence and Equity

Academic Handbook
2012-2013

This guide has been designed to provide curriculum information for the 2012-13 school year. Since it is the responsibility of students and parents to ensure that all graduation requirements are met, please refer to this guide for information regarding course selections that will meet student goals for the future and satisfy graduation requirements. The guide is designed to provide students with information about courses they will need to meet the increasingly demanding challenges in the work place or a university program.

All students are expected to follow the Recommended Graduation Plan to graduate from Dickinson High School. Even though each student receives the same diploma, the transcript is the official record of all grades earned and all credits awarded. This transcript is stamped with a seal to indicate which state-mandated graduation program the student has achieved. Please see pages 6-11 for an explanation of the types of graduation programs that are required by the Texas Education Agency (TEA).

Students must also pass all four portions of the Exit Level TAKS test in order to graduate. Students enrolled in grade 9 in the 2011–2012 school year and beyond will be required to take the STAAR EOC assessments as part of their graduation requirement and will no longer take high school TAKS.

Notification to Parents/Guardians about Teacher and Paraprofessional Qualifications

As a parent/guardian of a student in Dickinson Independent School District, you have the right to know the professional qualifications of the classroom teachers and paraprofessionals who instruct your child. The federal law requires that the school district provide this information to you in a timely manner if you request it. Specifically, you have the right to request the following information about each of your child's teachers and paraprofessionals:

- Whether the teacher meets the state qualifications and licensing criteria for the grades and subjects he or she teaches;
- Whether the teacher is teaching under emergency or professional status because of special circumstances;
- The teacher's college major, whether the teacher has any advanced degrees, and the field of discipline of the certification or degree; and
- Whether the paraprofessionals provide services to your child, and, if so, their qualifications.

If you would like to receive any of this information, please contact your child's school.

Dickinson High School
Academic Handbook

2012-2013

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CREDIT REQUIREMENTS

1. LOCAL VS. STATE CREDITS

State credit means that the state of Texas recognizes the course credit for graduation. Local credit is awarded to students taking courses that are locally approved but not recognized by the state of Texas for graduation.

2. TRANSFER OF CREDITS

Dickinson ISD recognizes and accepts credits from state accredited public and private high schools. Students entering Dickinson High School from non-accredited public, private, or parochial schools, including home schools, shall validate high school credits for transfer by testing. A student who falls into this category will work with his/her counselor to validate transfer credits.

3. ALTERNATE CREDIT OPPORTUNITIES

Courses not taken on campus or within the regular school day are not included in the GPA, require counselor's approval, and may require a fee for enrollment.

A. Advanced Placement Exams: Students may take AP Exams to earn college credit and/or advanced placement**.** There is a charge for these exams. Registration is done through the counseling office in March. The exams are taken in May. Contact colleges to find out what AP exams they will accept and what score is needed. Scores are sent in August following the exam.

B. APEX: APEX is an online credit recovery class that is available during the school day at DHS. Students may also work on APEX courses from home. Courses are self paced and require students to be self motivated. Counselors and assistant principals recommend students for the course. Students do not receive credit for the APEX course itself rather than the subjects completed in the class. The grades are not included in the GPA since it is a credit recovery.

C. Collegiate High School: College of the Mainland offers this program for high school students planning to enter a variety of career fields. This program is designed to give students the opportunity to complete high school and most associate degree requirements simultaneously. The college hours accumulated could then transfer to a four-year university to be applied toward a degree. Students that are strong in math and science are highly encouraged to pursue this opportunity. See your counselor for additional information.

D. Concurrent Enrollment: Students may be concurrently enrolled in both high school and college courses for credit. Students must receive approval from their counselor prior to enrollment.

E. Correspondence Course: Students may take courses through distance learning options such as Texas Virtual School Network, Texas Tech, or other approved program. Prior to enrollment, students shall discuss this method of earning credit with their counselor.

F. **Credit By Exam with Prior Instruction:** This exam is for students who have had prior instruction but failed a class. A score of 70 or above is required for credit. No more than two (2) credits may be applied toward graduation. See counselor for application and approval.

G. **Credit By Exam without Prior Instruction:** Dickinson High School students may earn credit for a course in which they have received no prior instruction in the subject by taking an exam in June or July. A grade of 90% is required to receive credit in the course. See counselor for application around March.

H. **Dickinson Continuation Center (DCC):** The Dickinson Continuation Center is one of five DISD alternative programs. It is the only non-traditional educational setting that is not directly linked to disciplinary placement. DCC is a dropout prevention/credit recovery program provided by Dickinson ISD. The goals of DCC are to produce educated, responsible, self-disciplined citizens in a safe and positive environment. Success in this program depends on the student's character and commitment to the program. The DCC program is located at 2805 Oak Park Dickinson, Texas. Students who are not able to graduate within four years on DHS campus may apply to DCC. DCC offers flexible class schedules to meet the needs of the students. The DCC uses computer-based learning and supplemental direct instruction. The purpose of DCC is to give students an opportunity to earn credits at an accelerated rate and graduate in a timely manner. Students may participate in extracurricular activities at DHS. Most students complete the Minimum Graduation Plan. Students that graduate through DCC participate in the DHS graduation and are awarded a high school diploma. Entry into this program is by application only. Students that are interested may pick up an application from their counselor. Students must provide own transportation to and from DCC.

I. **Dual Credit:** Students may earn college hours and high school credit from the same course after their sophomore year. You must apply for admission to the College of the Mainland, pass all the required TAKS tests, and pass the ACCUPLACER test prior to admission. The courses are set at the college level. Students enrolled in these courses will have to pay college tuition. **Counselor approval is required prior to enrollment**. See page 76 for a complete list of approved dual credit course offerings. (Grade points are awarded based on the Pre- AP/AP scale for Dual Credit courses taken on the DHS campus.)

J. **Night School or Summer School:** See counselor for information on approved night school and summer school programs. Classes must meet all TEA guidelines.

4. SPECIAL PROGRAMS

Dickinson High School offers a variety of specialized programs for students with individual needs. These programs include screening for special programs, dyslexia, English for Speakers of Other Languages (ELL), 504/Americans with Disabilities Act (ADA) and federal programs mandated by the Individuals with Disabilities Act (IDEA). Each program includes specific guidelines for qualification.

Advanced Placement and Pre-Advanced Placement courses are available for students with high academic skills, intense interests, emotional maturity, good study habits, and a willingness to work at a college level. Registration is open enrollment however, it is expected that students enrolling in the higher level courses have passed the TAKS test or STAAR EOC for that subject. It is recommended that students participating in Pre-AP/AP

courses make at least a B in the previous course. Student and parent requests to drop from the advanced to the academic level for the B part of the course will be honored at the close of the first semester of the course based on course and space availability.

REQUIREMENTS FOR PRE-AP AND AP ACADEMIC PERFORMANCE

This section of the handbook will be provided as a supplement in the spring.

STUDENT GRADE LEVEL

GRADE CLASSIFICATION

Juniors will only be classified as seniors after the first semester if they are able to meet all graduation requirements by the end of the school year, utilizing **only** classes offered during the regular school day.

For students entering 9th grade in 2007-2008 School Year and thereafter
Grade classification is based on the total number of credits a student has accumulated:

Tenth Grade	6.0
Eleventh Grade	12.0
Twelfth Grade	19.0

UNIVERSITY INTERSCHOLASTIC LEAGUE (UIL) ELIGIBILITY and EXTRACURRICULAR ACTIVITY

The University Interscholastic League (UIL) uses the following guidelines at the beginning of each school year to determine participation in any school-sponsored activity:

- Students **must be promoted** to the ninth grade for UIL participation.
- Students beginning their second year of high school must have earned **5 credits,** which count toward state high school graduation requirements.
- Students beginning their third year of high school either must have earned a total of **10 credits** which count toward state high school graduation requirements or have earned a total of 5 credits which count toward state high school graduation requirements during the preceding 12 months.
- Students beginning their fourth year of high school either must have earned a total of **15 credits** which count toward state high school graduation credits or have earned a total of 5 credits which count toward state high school graduation requirements during the preceding 12 months.

Students must maintain a minimum of 70 in every course at the beginning of each six-week period to remain eligible for participation in UIL and extracurricular activities. If a student fails a course, he/she is ineligible for the following three-week period. Ineligibility becomes effective seven days after the end of the six-week period. The student will regain eligibility for competition seven days after the three-week period if the student has passing grades of a 70 or above in all courses at that time. Dickinson High School publishes a UIL calendar showing all relevant dates for participation.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)

The National Collegiate Athletic Association (NCAA) sets certain standards for college freshmen who are planning to participate in athletics. The NCAA Initial Eligibility Clearinghouse must certify these students for eligibility. This process begins in the spring of the junior year. Students must complete a form obtained from the NCAA website (www.ncaaclearinghouse.net). NCAA calculates GPA on the core curriculum based on a maximum of a 4.0 GPA scale. Approved courses are listed in the Appendices.

Division I 2008 and after	**Division II** 2005 and after
16 Core Courses: **4** years of English **3** years of mathematics (Algebra I of higher). **2** years of natural/physical science (**1** year of lab if offered by high school). **1** year of additional English, mathematics of natural/physical science. **2** years of social science. **4** years of additional courses (from any area above, foreign language, or nondoctrinal religion/philosophy).	**14 Core Courses:** **3** years of English **2** years of mathematics (Algebra I or higher). **2** years of natural/physical science (**1** of lab if offered by high school). **2** years of additional English, mathematics, or natural/physical science. **2** years of social science. **3** years of additional courses (from any area above, foreign language, or nondoctrinal religion/philosophy).

Please Note: For students entering college on of after August 1, 2005, **computer-science** courses may only be used for initial eligibility purposes if the course receives graduation credit in mathematics or natural/physical science and is listed as such on the high school's list of NCAA-approved core courses.

GRADES and GRADING

This section of the handbook will be provided as a supplement in the spring.

STUDENT SCHEDULES

SCHEDULE PROCESS

During the second semester, students register for classes they will need the following year. This initial registration is completed by mid-March. It is important for students to plan their choices carefully because class size and staffing decisions will be determined from their choices.

SCHEDULE CHANGES

Requests for course changes cannot be honored once classes have begun. Students and parents are given the opportunity to make changes to course requests after the initial spring registration process has been completed. A copy of the student's course selection sheet will be given to or mailed home for parent/guardian final approval. Changes to course requests should be corrected on the course selection sheet and returned to the counselor by the date indicated on the form. If no correction sheet is returned to the counselor by the date indicated, it is implied that all courses meet with the approval of both the student and the parent/guardian.

Carefully consider all course requests.

GRADUATION PROGRAMS

For Students Entering 9th Grade in 2007-2009

Discipline	**Minimum High School ** Program** **Credits/Requirements**	**Recommended High School Program** **Credits/Requirements**	**Distinguished Achievement Program** **Credits/Requirements**
English	4 English 1, 2, 3, 4 (English 4 credit may be satisfied by Practical Writing, Creative Writing, or Journalism.)	4 English 1, 2, 3, and 4	4 English 1, 2, 3, and 4
Math	3 Algebra 1……...1 Geometry ……..…1 Math Models **or** Algebra 2……...1	4 Algebra 1…….1 Algebra 2…..…..……..1 Geometry…….……1 Additional credit selected from: Math Models Precalculus AP Statistics AP Calculus AP Computer Science	4 Algebra 1…….1 Algebra 2.……1 Geometry..……..…1 Additional credit selected from: Precalculus AP Statistics AP Calculus
Science	2 Biology……..1 IPC…….1	4 Biology……..1 * IPC……1 * Chemistry **or** * Physics…..……1 Additional credit selected from: AP Biology Chemistry, AP Chemistry Physics, AP Physics Anatomy and Physiology Earth and Space Science Aquatic Science	4 Biology…….…..1 Chemistry…….. 1 Physics……...1 Additional credit selected from: AP Biology AP Chemistry AP Physics Anatomy and Physiology Earth and Space Science Aquatic Science
Social Studies	3 World Geography **or** World History…...…1 US History……1 Government…….1/2 Economics……...1/2	4 World Geography…...1 World History…….....1 US History……1 Government…….…1/2 Economics……1/2	4 World Geography…...1 World History……1 US History……1 Government……..1/2 Economics……1/2
Academic Elective	1 To be selected from World History or World Geography or any state-approved science course beyond the core requirement	Not Applicable	Not Applicable
Foreign Language	Not Applicable	2 Same foreign language	3 Same foreign language
Physical Education	1	1	1
Speech	½ Communication Applications	½ Communication Applications	½ Communication Applications
Fine Arts	Not Applicable	1 Choir, Band, Art, Dance, Theatre Arts	1 Choir, Band, Art, Dance, Theatre Arts

Elective Courses	7 ½ State Board of Education-approved courses for grades 9-12, relating to Texas Knowledge and Skills (TEKS)	5½ State Board of Education-approved courses for grades 9-12, relating to the Texas Essential Knowledge and Skills (TEKS)	4 ½ State Board of Education-approved courses for grades 9-12, relating to the Texas Essential Knowledge and Skills (TEKS)
Total	22 credits **	26 credits	26 plus additional DAP requirements on page 14

*If IPC is taken after 2009-2010 school year, student must complete Chemistry **and** Physics.
**A student entering Grade 9 in the 2007-2008 school year and thereafter shall enroll in the courses necessary to complete the curriculum requirements for the Recommended High School Program or the Distinguished Achievement Program. According to HB 3, in order for any student to opt into the minimum high school program, the student must:

1. Be at least 16 years of age;
2. Have completed two credits required for graduation in each subject of the foundation curriculum; **or**
3. Have failed to be promoted to the tenth grade one or more times as determined by the school district.

According to HB 3826, post secondary options may be limited. Students must complete the Recommended High School or Distinguished Achievement Program or its equivalent, to be considered for admissions to any four year university.

GRADUATION PROGRAMS

For Students Entering 9th Grade in 2010 and Beyond

Discipline	**Minimum High School ** Program** **Credits/Requirements**	**Recommended High School Program** **Credits/Requirements**	**Distinguished Achievement Program** **Credits/Requirements**
English	4 English 1, 2, 3, 4 (English 4 credit may be satisfied by Practical Writing, Creative Writing, or Journalism.)	4 English 1, 2, 3, and 4	4 English 1, 2, 3, and 4
Math	3 Algebra 1……....1 Geometry ……..…1 Math Models **or** Algebra 2……...1	4 Algebra 1……..1 Algebra 2…….……...1 Geometry……..……1 Additional credit selected from: Math Models Precalculus AP Statistics AP Calculus AP Computer Science	4 Algebra 1……..….1 Algebra 2.…….……1 Geometry..……..….1 Additional credit selected from: Precalculus AP Statistics AP Calculus
Science	2 Biology……..1 IPC…….1	4 Biology……..…..1 Chemistry.…….....1 Physics.……..…….1 Additional credit selected from: IPC AP Biology AP Chemistry AP Physics Anatomy and Physiology Earth and Space Science Aquatic Science	4 Biology……..1 Chemistry…….…. 1 Physics…….…...1 Additional credit selected from: AP Biology AP Chemistry AP Physics Anatomy and Physiology Earth and Space Science Aquatic Science
Social Studies	3 World Geography **or** World History…..…1 US History……1 Government…….1/2 Economics……...1/2	4 World Geography…....1 World History…..…....1 US History…….…….1 Government……..1/2 Economics……1/2	4 World Geography…...1 World History……..…1 US History…….….1 Government……..1/2 Economics……1/2
Academic Elective	1 To be selected from World History or World Geography or any state-approved science course beyond the core requirement	Not Applicable	Not Applicable
Foreign Language	Not Applicable	2 Same foreign language	3 Same foreign language
Physical Education	1	1	1
Speech	½ Communication Applications	½ Communication Applications	½ Communication Applications

Fine Arts	1 Choir, Band, Art, Dance, Theatre Arts	1 Choir, Band, Art, Dance, Theatre Arts	1 Choir, Band, Art, Dance, Theatre Arts
Elective Courses	6½ State Board of Education-approved courses for grades 9-12, relating to Texas Knowledge and Skills (TEKS)	5½ State Board of Education-approved courses for grades 9-12, relating to the Texas Essential Knowledge and Skills (TEKS)	4 ½ State Board of Education-approved courses for grades 9-12, relating to the Texas Essential Knowledge and Skills (TEKS)
Total	22 credits **	26 credits	26 plus additional DAP requirements on page 14

**A student entering Grade 9 in the 2007-2008 school year and thereafter shall enroll in the courses necessary to complete the curriculum requirements for the Recommended High School Program or the Distinguished Achievement Program. According to HB 3, in order for any student to opt into the minimum high school program, the student must:

1. Be at least 16 years of age;
2. Have completed two credits required for graduation in each subject of the foundation curriculum; **or**
3. Have failed to be promoted to the tenth grade one or more times as determined by the school district.

According to HB 3826, post secondary options may be limited. Students must complete the Recommended High School or Distinguished Achievement Program or its equivalent, to be considered for admissions to any four year university

Distinguished Achievement Program (DAP)

The Distinguished Achievement Program (DAP) recognizes students who demonstrate levels of performance equivalent to college level work. This course of study requires high performance beyond what is required for high school students. The DAP requires a total of four (4) advanced measures, which may be a combination of research, testing and college course work. The graduating class of 2015 and beyond must take all twelve STAAR EOC assessments and meet the cumulative score requirement in each of the four foundation content areas. In addition, these students must meet the college readiness performance standard on the STAAR EOC assessments in Algebra II and English III in order to receive a diploma under the distinguished achievement plan.

Reasons to become a DAP Scholar

- Students are better prepared for college.
- Students may be rewarded for school success and accomplishments.
- Students may have opportunity to network with business and community professionals.

How to become a DAP Scholar

- Complete all course requirements for the Distinguished Plan.
- Complete four advanced measures (details below).

Description of Advanced Measures

Original Research and/or Project

- Judged by a panel of professionals in the field that is the focus of the project
- Conducted under the direction of a mentor(s) and reported to an appropriate audience
- Related to the required curriculum set forth in 19 TAC 74.1
- May be used for up to two of the four measures
- Dickinson High School provides an opportunity for students to produce research products eligible to receive an advanced measure through History Fair and Science Fair. Students must advance and participate in the next level of competition.

Test Data

- A score of three or better on The College Board Advanced Placement Exams.
- A score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corporation, as part of the National Hispanic Scholar Program of The College Board, or as part of the National Achievement Program for Outstanding Negro Students of the National Merit Scholarship Corporation. The score on the PSAT may count as only one advanced measure

College Courses

- A score of 3.0 or higher on courses that count for college credit, including a coherent sequence of Tech Prep courses

EXIT LEVEL TEST

Students must pass the 11th grade exit-level exam along with their required courses to receive a diploma. Students who do not pass one or more parts of the Texas Assessment of Knowledge and Skills test (TAKS) must take that part again whenever offered.

Students who began their high school career in August, 2001 or later, must pass the new exit assessments to satisfy that requirement for a diploma.

The Texas Legislature mandates that the 11th grade exit-level test cover material about the following subjects:

- English language arts, including English 3, writing, and reading
- Mathematics, including Algebra 1 and Geometry
- Social Studies, including early American History, United States History, World Geography, and World History
- Science, including Biology and Integrated Physics and Chemistry

The exit level TAKS test is given in the spring of the junior year. If a student does not pass a portion of the test, they will have four opportunities to retake it before graduation. Retests are in the summer, fall and twice in the spring.

Students in grade 9 in the 2011–2012 school year and beyond will be required to take the STAAR EOC assessments as part of their graduation requirement and will no longer take high school TAKS.

English

English 1 **1 Credit (State)**

GRADES: 9 Prerequisite:

Semesters: 2 Periods: 1

In English 1, students practice all forms of writing. An emphasis is placed on organizing logical arguments with clearly expressed definitions, thesis, and evidence. Students write to persuade, report, and describe. Students will produce journal entries. Students will read extensively in multiple genres from world literature, such as short stories, dramas, novels, and poetry. Students will learn literary forms and terms associated with selected text. Students will also interpret the possible influences of the historical context of a literary work.

English 1 Pre-AP **1 Credit (State)**

GRADES: 9 Prerequisite: B in eighth grade English

Semesters: 2 Periods: 1

Designed for highly motivated students who are preparing to take the AP courses offered during their junior and senior years, English 1 Pre-AP emphasizes a wealth of reading material (novels, short stories, dramas, poetry, and essays) that span time periods and subject areas. Concurrently, students will pursue a critical evaluation of the literature through writing and oral activities as well as through compositions of various purposes and modes. The teaching of language and literature concepts targeted by the AP program will be emphasized. In addition, students will complete a challenging language study of etymology, grammar, analogies, and vocabulary development.

English 2 **1 Credit (State)**

GRADES: 10 Prerequisite: English 1

Semesters: 2 Periods: 1

English 2 students will practice all forms of writing with an emphasis placed on persuasive writing, such as logical arguments, expressions of opinion, and personal writing. These may include response to literature essays, reflective essays, or persuasive essays. Students will read extensively in multiple genres from world literature such as selected short stories, dramas, novels, poetry, and essays. Students will learn literary forms and terms associated with selections.

English 2 Pre-AP **1 Credit (State)**

GRADES: 10 Prerequisite: English 1 Pre-AP or B in English 1

Semesters: 2 Periods: 1

English 2 Pre-AP is designed to prepare the highly language proficient student for the AP classes offered at the junior and senior level. The main emphasis is placed on a fast paced analysis of English language and literature. The majority of assessments of these materials will be presented through multi-paragraph essays, timed writings, presentations, discussions, and projects. Students will be engaged in rigorous reading requirements including several novels, short stories, dramas, speeches, and poetry. In addition, students will be involved in an intense study of etymology and analogies as preparation for the SAT.

English 3 **1 Credit (State)**

GRADES: 11 Prerequisite: English 2

Semesters: 2 Periods: 1

In English 3, students will practice all forms of writings. An emphasis is placed on practical writing skills. Students will read extensively in multiple genres from American literature and other world literature and will write analytical, persuasive, and personal essays reflecting their grasp of the American experience from various perspectives. Periods from American literature may include the pre-colonial period, colonial and revolutionary periods, romanticism and idealism, realism and naturalism, early 20th century, and the late 20th century. Students will learn literary forms and terms associated with selections. Emphasis is also placed on vocabulary development. Students will write a research paper in the second semester.

AP English Language & Composition **1 Credit (State)**

GRADES: 11 Prerequisite: English 2 Pre-AP or B in English 2

Semesters: 2 Periods: 1

AP English Language is a college-level class using advanced placement materials. The student must be a fast reader, highly motivated achiever, a diligent worker, a non-procrastinator, and a proficient writer. The junior year focuses on writing with appropriate language and style as well critical reading of novels and plays. Students will write a documented literary research paper in MLA format in the second semester. Toward the end of the course, students may take the College Board AP Examination in language and composition for college credit.

English 4 **1 Credit (State)**

GRADES: 12 Prerequisite: English 3

Semesters: 2 Periods: 1

English 4 students are expected to write in a variety of forms, including business, personal, literary, and persuasive texts. English 4 students read extensively in multiple genres from British literature and other world literature. Periods from British literature may include the Old English Period, Medieval Period, English Renaissance, 17th and 18th Century, and the Romantic Period. Students will learn forms and terms associated with selections. Students will complete a research project in the second semester. Students will have a comprehensive review of English grammar and usage. In addition, emphasis is placed on vocabulary development.

AP English Literature & Composition **1 Credit (State)**

GRADES: 12 Prerequisite: AP English Language & Composition

Semesters: 2 Periods: 1

AP English Literature is a college-level class designed for high-achieving students. Writing assignments will focus on the critical analysis of literature and will also include exercises in writing exposition, argument, and comparison-contrast as well as a documented literary paper and timed writings. Students will engage in reading selections of recognized literary merit from world literature and will develop critical standards for independent appreciation of literature. Toward the end of the course, students may take the College Board Examination in literature and composition for college credit.

English 4 Dual Credit **1 Credit (State)**

GRADES: 12 Prerequisite: COM entrance requirements

Semesters: 2 Periods: 1

This course is offered in conjunction with College of the Mainland. It may be taught at the DHS campus and offers students the opportunity to get college and high school credit for the same course. COM entrance requirements must be met. An informational meeting will be held in the spring for all potential dual credit students and parents. See page 2 and 76 for more information.

Reading 1-2 **0.5 -1 Credit (State)**

GRADES: 9-12 Prerequisite: English 1

Semesters: 1-2 Periods: 1

Recommended for students scoring below 75 on preceding year's TAKS test. Reading will help students develop the necessary comprehension and evaluation skills to be successful on the TEA exit assessment. Students will be selected by a teacher, counselor, or assistant principal.

English Language Learners

ELL 1 and ELL 2 **1 Credit (State)**

GRADES: 9 (ELL 1), 10 (ELL 2) Prerequisite: Diagnostic Testing

Semesters: 2 Periods: 1

ELL 1 and ELL 2 are designed for the immigrant student whose primary language is not English. Emphasis is on development of listening, speaking, reading and writing skills in English. Students' cultural backgrounds are considered and incorporated with instruction. A maximum of two of the four units of English required for graduation may be ELL. Students are selected for and placed in ELL through special diagnostic testing.

Sheltered English 3 **1 Credit (State)**

GRADES: 11 Prerequisite: ELL 1 & 2

Semesters: 2 Periods: 1

Sheltered English 3 is designed to transition ELL students. Students will practice all forms of reading and writing. Students will read from a variety of American literature to further understand the diversity of cultures in the United States. Students will receive extended vocabulary drill and practice to enhance reading comprehension and a comprehensive review of English usage, sentence structures, and editing skills.

Sheltered English 4 **1 Credit (State)**

GRADES: 12 Prerequisite: Sheltered English 3

Semesters: 2 Periods: 1

Sheltered English 4 is designed to follow Sheltered English 3 and is restricted to students who have taken ELL and have limited English language skills. Students will practice all forms of reading and writing. An emphasis is placed on business writing including resume writing, job applications, procedural narratives, and abstracts. Students will read from a variety of genres from world literature. Extensive practice in vocabulary, spelling, and editing skills is offered to develop mastery of English language skills.

English Electives

Analysis of Visual Media **0.5 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 1 Periods: 1

In Analysis of Visual Media, students will discuss the history of motion pictures, including the films of D.W. Griffith, George Melies, the Lumiere Brothers, and Thomas Edison. Students will be introduced to film genres including, but not limited to, science fiction, fantasy, horror, comedy, war films, exploitation and cult films, gangster films, detective films, and comedies. During the course, students will study the use of mass marketing for films including both print and non-print ad campaigns. Other areas to be discussed include music from films, special effects, and makeup design.

Creative/Imaginative Writing **0.5 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 1 Periods: 1

Creative/Imaginative Writing is designed for students who have a genuine interest in writing short stories, poetry, and essays. Students will be encouraged to pursue their imaginations in creating literary works. They will be taught to use literary devices and figurative language in their own work and to identify them in the works of others. A variety of writing experiences will be offered and selections of literary merit will be read as models.

Speech

Communication Applications **0.5 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 1 Periods: 1

For successful participation in professional and social life, students must develop effective communication skills. Students enrolled in Communication Applications will be expected to identify, analyze, develop and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, personal and professional presentations. Speech is a required class for students beginning high school in year 2001 and beyond.

Communication Applications for Teen Leadership **0.5 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 1 Periods:1

Teen Leadership helps students develop leadership in personal, professional, and business skills. This course develops public speaking, communication, problem-solving, and decision-making skills needed by students. The goal of Teen Leadership is to help students grow socially in self-awareness, control, and motivation.

Communication Applications for Lincoln-Douglas Debate **1.0 Credit (State)**

GRADES: 9-12 Prerequisite: Instructor Approval

Semesters: 2 Periods: 1

The Lincoln-Douglas Debate Team is an oral interpretation/competitive speaking class, designed to assist students in developing critical thinking and research skills, while also providing students with the opportunity to hone their presentation skills. The goals of Lincoln-Douglas Debate include helping students to see practical applications outside of the classroom for skills they will learn and develop in class, and improving students' enjoyment of public speaking, acting, and interpretation of literature. Students will be expected to represent DHS in competitive UIL sponsored speech and debate tournaments.

Academic Decathlon (Independent Study in Speech) **0.5 Credit (State)**

GRADES: 9-12 Prerequisite: Instructor Approval

Semesters: 1 Periods: 1

Academic Decathlon is designed to prepare students for the Academic Decathlon contest. The purposes of Academic Decathlon are to encourage students to develop a greater respect for knowledge, to promote wholesome competition in academic areas of study and interest, and to stimulate intellectual growth and achievement.

Foreign Language

American Sign Language (ASL) 1 **1 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 2 Periods: 1

The ASL student will demonstrate finger spelling skills as well as expressive and receptive sign skills, acquire a broad vocabulary, and learn the basic principles of ASL syntax and grammar. ASL I also provides information about the history of sign language and the culture of the American Deaf community.

American Sign Language (ASL) 2 **1 Credit (State)**

GRADES: 9-12 Prerequisite: ASL 1

Semesters: 2 Periods: 1

The ASL 2 student will focus on more advanced grammatical concepts of ASL and continue to develop their skills in finger spelling, expression, and reception. The course emphasizes fluency, clarity, and expressive styles.

American Sign Language (ASL) 3 **1 Credit (State)**

GRADES: 9-12 Prerequisite: ASL 2

Semesters: 2 Periods: 1

The ASL 3 student will continue to enhance and refine the knowledge and skills they previously developed. Fluency, clarity, and expressive style are stressed.

French 1 **1 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 2 Periods: 1

The French 1 student will demonstrate communication skills such as listening, speaking, reading, and writing. The student will develop these skills by using knowledge of language and culture, communication and learning strategies, technology, and content from other subject areas.

French 1 Pre-AP **1 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 2 Periods: 1

The French 1 Pre-AP student will demonstrate communication skills such as listening, speaking, reading, and writing in French. The student will develop these skills by using knowledge of language and culture, communication and learning strategies, technology, and content from other subject areas. This course will focus on higher level thinking and analysis skills and be taught at an accelerated rate to prepare students for French 2 Pre-AP.

French 2 **1 Credit (State)**

GRADES: 9-12 Prerequisite: French 1

Semesters: 2 Periods: 1

The French 2 student will progress from the beginning to intermediate stage of language learning. The student will expand his/her ability to communicate and increase accuracy of expression.

French 2 Pre-AP **1 Credit (State)**

GRADES: 9-12 Prerequisite: French 1 with a grade of 80 or higher

Semesters: 2 Periods: 1

French 2 Pre-AP is a continuation of French 1 with an emphasis on higher learning skills. The course presents the same conversational material as French 2 with an emphasis on grammar to prepare students for French 3.

French 3 Pre-AP **1 Credit (State)**

GRADES: 9-12 Prerequisite: French 2 Pre-AP or Teacher Approval

Semesters: 2 Periods: 1

The French 3 Pre-AP student will become an independent language learner both in and beyond the school setting. Students will apply knowledge from the beginning levels in order to advance toward personal enrichment and career development. The course prepares student for French 4 AP.

AP French 4 Language **1 Credit (State)**

GRADES: 9-12 Prerequisite: French 3 Pre-AP

Semesters: 2 Periods: 1

The French 4 AP student will read a variety of literary works that reflect the culture of the French-speaking world. Preparation for the French AP Exams will be emphasized through the study of history, novels, poetry, plays, composition, and grammatical structures.

AP French Literature **1 Credit (State)**

GRADES: 9-12 Prerequisite: AP French 4

Semesters: 2 Periods: 1

The French 5 AP student will gain an understanding of Francophone literature and develop an understanding of Francophone culture. The focus will be on writing and critical thinking skills.

Spanish 1 **1 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 2 Periods: 1

The Spanish 1 student will demonstrate communication skills such as listening, speaking, reading, and writing in Spanish. The student will develop these skills by using knowledge of language and culture, communication and learning strategies, technology, and content from other subject areas.

Spanish 1 Pre-AP **1 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 2 Periods: 1

The Spanish 1 Pre-AP student will demonstrate communication skills such as listening, speaking, reading, and writing in Spanish. The student will develop these skills by using knowledge of language and culture, communication and learning strategies, technology, and content from other subject areas. This course will focus on higher level thinking and analysis skills and be taught at an accelerated rate to prepare students for Spanish 2 Pre-AP.

Spanish for Native Speakers **2 Credits (State)**

GRADES: 9-12 Prerequisite: Oral Interview

Semesters: 2 Periods: 1

The native speaking Spanish student will have the opportunity to obtain Spanish 1 and 2 credits in one year. It is designed for students who already have excellent speaking and listening skills in Spanish and who already possess knowledge of the language's syntax and vocabulary.

Spanish 2 **1 Credit (State)**

GRADES: 9-12 Prerequisite: Spanish 1

Semesters: 2 Periods: 1

The Spanish 2 student will progress from the beginning to intermediate stage of language learning. The student will expand his/her ability to communicate and increase his/her accuracy of expression.

Spanish 2 Pre-AP **1 Credit (State)**

GRADES: 9-12 Prerequisite: Spanish 1 Pre-AP or Teacher Approval

Semesters: 2 Periods: 1

The Spanish 2 Pre AP student will progress from the beginning to intermediate stage of language learning. The student will expand his/her ability to communicate and increase his/her accuracy of expression. In the Pre AP course of Spanish 2, there will be a greater emphasis on developing critical writing and reading skills in order to prepare students for Spanish 3 Pre AP.

Spanish 3 **1 Credit (State)**

GRADES: 9-12 Prerequisite: Spanish 1 & 2

Semesters: 2 Periods: 1

The Spanish 3 student will progress from the beginning to intermediate stage of language learning. The student will expand his/her ability to communicate and increase his/her accuracy of expression. This course is designed for the student who wants to earn a 3rd year of credit but does not want to follow the AP Spanish plan.

Spanish 3 Pre-AP **1 Credit (State)**

GRADES: 9-12 Prerequisite: Spanish 2 Pre-AP or Teacher Approval

Semesters: 2 Periods: 1

The Spanish 3 Pre- AP student will become an independent language learner both in and beyond the school setting. Students will apply knowledge from the beginning levels in order to advance toward personal enrichment and career development. This course is designed for the student who wants to prepare for AP credit in Spanish.

AP Spanish Literature **1 Credit (State)**

GRADES: 9-12 Prerequisite: Spanish 3 Pre-AP

Semesters: 2 Periods: 1

The AP Spanish student will read a variety of literary works (novel, poetry, short stories, and magazine and newspaper articles) that reflect the culture of the Spanish-speaking world. Topics will include art, history, humor, and legends. Toward the end of this course, students may take the College Board AP exam. This test requires a fee from the student. College credit may be earned with a score of 3-5.

Spanish 5 La Frontera **1 Credit (State)**

GRADES: 9-12 Prerequisite: AP Spanish Literature

Semesters: 2 Periods: 1

This class will focus on the student gaining a deeper understanding of Spanish Literature as well as Spanish culture through the study of literature, art and other forms of cultural expression. Students will focus on the concept of "borders" in literature. The class will consist mainly of independent study, and requires a final research paper. This class will prepare the student for college level research and writing.

Mathematics

Algebra 1 **1 Credit (State)**

GRADES: 9 Prerequisite: None

Semesters: 2 Periods: 1

Algebra 1 includes concepts, skills and applications of algebra. Problems are solved numerically, graphically, and algebraically. Students will use a graphing calculator to solve problems in relevant situations. Topics include linear and quadratic functions, equations, inequalities, polynomials, and geometry. Algebra 1 will emphasize college and career readiness standards (CCRS) to prepare for success in job or college opportunities after graduation.

Algebra 1 Pre-AP **1 Credit (State)**

GRADES: 9 Prerequisite: None

Semesters: 2 Periods: 1

Algebra I extends all of the concepts and skills include in Algebra 1. Problems will be solved using higher level critical thinking and problem-solving plan. Students will use technology to enhance solving problems relevant to student experiences. Algebra 1 PAP will emphasize college and career readiness standards (CCRS) to prepare for success in job or college opportunities after graduation.

Mathematical Models with Applications **1 Credit (State)**

GRADES: 11-12 Prerequisite: Coordinator Approval

Semesters: 2 Periods: 1

Mathematical Models with Applications includes topics in algebra and geometry. Relevant applications will involve money, data, patterns, music, design, and science. Math Models with Applications must be taken before Algebra 2 for high school credit. Math Models with Applications will emphasize college and career readiness standards (CCRS) to prepare for success in job or college opportunities after graduation.

Algebra 2 **1 Credit (State)**

GRADES: 10-12 Prerequisite: Algebra 1, Geometry or Concurrent Enrollment

Semesters: 2 Periods: 1

Algebra 2 topics will extend Algebra 1 skills. Students will solve relevant problems with and without technology. Topics include graphing relations and functions, polynomials, rational functions, matrices, quadratics, exponential and logarithmic functions, conic sections, probability, and geometry. Algebra 2 will emphasize college and career readiness standards (CCRS) to prepare for success in job or college opportunities after graduation.

Algebra 2 Pre-AP **1 Credit (State)**

GRADES: 10-12 Prerequisite: Algebra 1, Geometry or Concurrent enrollment

Semesters: 2 Periods: 1

In addition to topics covered in Algebra 2, students will extend applications of problem solving. Higher level thinking skills are stressed through projects, advanced placement and SAT activities. Algebra 2 will emphasize college and career readiness standards (CCRS) to prepare for success in job or college opportunities after graduation.

Geometry **1 Credit (State)**

GRADES: 9-10 Prerequisite: Algebra 1 or Concurrent enrollment

Semesters: 2 Periods: 1

Geometry topics will integrate algebra skills with geometry models. Strong emphasis will be placed on vocabulary, models, and problem solving. Topics will include inductive reasoning, segments and angles, properties of geometric figures, properties of geometric solids, testing and proving conjectures. Students will use technology to solve relevant problems including SAT activities. Geometry will emphasize college and career readiness standards (CCRS) to prepare for success in job or college opportunities after graduation.

Geometry Pre-AP **1 Credit (State)**

GRADES: 9-10 Prerequisite: Algebra 1or Concurrent enrollment

Semesters: 2 Periods: 1

In addition to topics covered in Geometry, students will extend higher level thinking skills, use logical strategies, and prove statements in math. Emphasis will be placed on projects, advanced placement and SAT activities. Geometry PAP will emphasize college and career readiness standards (CCRS) to prepare for success in job or college opportunities after graduation.

Pre-College Algebra **1 Credit (State)**

GRADES: 11-12 Prerequisite: Algebra 1, Geometry, Algebra 2

Semesters: 2 Periods: 1

This course is intended to provide students with an alternative to Precalculus after completing Algebra II. It is designed to provide students with an interesting, challenging mathematics course guided by the College and Career Readiness Standards. Students will extend their mathematical understanding beyond the Algebra II level in a specific area or areas of mathematics including mathematical modeling using algebra, geometry, and trigonometry.

Pre Calculus Pre-AP **1 Credit (State)**

GRADES: 11-12 Prerequisite: Algebra 1, Geometry, Algebra 2

Semesters: 2 Periods: 1

In addition to Pre-Calculus topics, students will study topics needed for Calculus. Emphasis will be placed on projects, advanced placement and SAT activities. Pre-Calculus Pre-AP will emphasize college and career readiness standards (CCRS) to prepare for success in job or college opportunities after graduation.

AP Calculus AB **1 Credit (State)**

GRADES: 11-12 Prerequisite: Algebra 1, Geometry, Algebra 2
Pre-AP Pre-Calculus

Semesters: 2 Periods: 1

AP Calculus-AB is an advanced placement (AP) course in mathematics covering topics as presented in a one semester college calculus course. Topics include functions, and differential and integral calculus with applications. Toward the end of the course, students will have the opportunity to take the College Board AP Exam for college credit in calculus. This exam is optional and requires a fee from the student. Taking the test is highly recommended. AP Calculus AB will emphasize college and career readiness standards (CCRS) to prepare for success in job or college opportunities after graduation.

AP Statistics **1 Credit (State)**

GRADES: 11-12 Prerequisite: Algebra 1, Geometry
Algebra 2

Semesters: 2 Periods: 1

AP Statistics topics will introduce students to major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and making inferences based upon statistics. Toward the end of the course, students will have the opportunity to take the College Board AP Exam for college credit in statistics. This exam is optional and requires a fee from the student. Taking this test is highly recommended

Science

Biology **1 Credit (State)**

GRADES: 9-11 Prerequisite: None

Semesters: 2 Periods: 1

In Biology 1 students conduct field and laboratory investigations, use the scientific method during investigations, and make informed decisions using critical-thinking and scientific problem-solving. Students in Biology 1 study a variety of topics that include structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and environment.

Biology Pre-AP **1 Credit (State)**

GRADES: 9-11 Prerequisite: None

Semesters: 2 Periods: 1

Biology 1 Pre-AP focuses on providing a strong foundation in biology for those pursuing a science/medical, mathematics, and/or engineering career. Students utilize laboratory investigations, scientific methods, critical thinking, and problem-solving to make informed decisions on biological issues. Topics include zoology, botany, biochemistry, genetics, microbiology, evolution, taxonomy, and ecosystems. Major units are the same as regular Biology but taught in depth and at a faster pace. Ten percent (10%) of the student's grade is based on an individual project. (A substantial amount of out-of-class time will be required for study and the individual project.) Fall semester's individual project will be a required entry into the Science Fair or 3 individual enrichment projects. This course can be taken concurrently with Chemistry or Pre-AP Chemistry.

AP Biology (Biology 2) **1 Credit (State)**

GRADES:11-12 Prerequisite: Biology 1, Chemistry 1 strongly recommended or Concurrent enrollment with department head approval

Semesters: 2 Periods: 1

This 1 credit, Advanced Placement course is designed to cover the standard 1st year university biology course. It is an in-depth study of molecular, cellular, systemic, and organism biology. This rigorous course involves theory, lab investigation. Students will choose to exempt out of taking freshman-level Biology I in college or be able to easily complete a biology course their first year of college. At the end of the school year, students will be prepared to take the national Advanced Placement Exam in Biology for college credit. This exam is optional and requires a fee from the student. Taking this test is highly recommended since college credit may be earned with a score of 3-5.

Integrated Physics and Chemistry (IPC) **1 Credit (State)**

GRADES: 9-10	Prerequisite: Department Head Approval, Based on standardized test scores
Semesters: 2	Periods: 1

In Integrated Physics and Chemistry, students conduct field and laboratory investigation, use the scientific method during investigations, and make informed decisions using critical-thinking and scientific problem-solving. This course integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry. **This course cannot be taken if the student has previously taken chemistry or physics.**

Chemistry **1 Credit (State)**

GRADES: 10-12	Prerequisite: Algebra I, Geometry (Concurrent) and IPC or Biology
Semesters: 2	Periods: 1

In Chemistry 1, students are given a rigorous foundation in chemistry. Mathematical calculations such as ratios, proportions, percents, and logarithms are absolutely essential to explore important concepts in chemistry; therefore algebra I and geometry (or concurrent enrollment) are prerequisites of this course. Chemistry encompasses a diverse range of topics including: significant figures, classification of matter, atomic theories, atomic structure, chemical periodicity, bonding, molecular geometry, moles, stoichiometry, thermochemistry, acids, bases, solutions, and properties of chemical reactions. Students will investigate how chemistry is an integral part of daily life.

Chemistry in the Community (Chem Com) **1 Credit (State)**

GRADES:11-12	Prerequisite: Department Head Approval, Based on standardized test scores
Semesters: 2	Periods: 1

Chem Com is designed for students who wish to learn the fundamentals of chemistry but who do not plan to enter a science related career. This course differs from chemistry in that the concepts of chemistry and their practical applications are emphasized rather than the theory and mathematics of chemistry. This lab-based course is designed to help students realize the important role that chemistry will play in their personal and professional lives, to demonstrate the use of the principals of chemistry, to think more intelligently about issues they encounter that will involve science and technology, to develop a lifelong awareness of the potential and limitations of science and technology, and to study environmental and social issues from a chemical point of view. **The Chem Com curriculum does prepare the student for the TAKS/STAAR tests but it does not prepare the student for college chemistry. Due to the difference in the curriculum, students will not be permitted to transfer between Chem Com and Chemistry during the year.**

Chemistry Pre-AP **1 Credit (State)**

GRADES: 10-12 Prerequisite: Algebra 1 and Geometry (Concurrent)

Semesters: 2 Periods: 1

In Chemistry Pre-AP, students conduct field and laboratory investigations, use the scientific method during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students study a variety of topics that include characteristics of matter, energy transformations during physical and chemical changes, atomic structure, periodic table of elements, behavior of gases, bonding, nuclear fusion and nuclear fission, oxidation reduction reactions, chemical equations, solutes, properties of solutions, acids and bases, and chemical reactions. Students will investigate chemistry as an integral part of daily life. Major units are the same as regular Chemistry but taught in depth and at a faster pace. An individual project will be required and will count as 10% of the student's grade. A substantial amount of out-of-class time will be required for study and the individual project. Fall semester's individual project will be a required entry into the Science Fair. This course can be taken concurrently with Biology, Pre-AP Biology, Physics, or Pre-AP Physics.

AP Chemistry (Chemistry 2) **1 Credit (State)**

GRADES:11-12 Prerequisite: Algebra 2 & Chemistry strongly recommended

Semesters: 2 Periods: 1

Chemistry AP is a course designed to cover the material found in a standard first-year course in college chemistry, both lecture and laboratory. Topics covered during the course are the following: elements and compounds, chemical reactions, thermo chemistry, nuclear chemistry, atomic structure and periodicity, chemical bonding and molecular structure, gases and their behavior, intermolecular forces of both liquids and solids; solutions and their behavior; kinetics; equilibrium; acids, bases and their reactions; precipitation reactions; entropy and free energy; electrochemistry; and organic chemistry. At the end of the school year, students will be prepared to take the national Advanced Placement Exam in Chemistry for college credit. This exam is optional and requires a fee from the student. Taking this test is highly recommended since college credit may be earned with a score of 3-5.

Anatomy and Physiology Pre-AP **1 Credit (State)**

GRADES:11-12 Prerequisite: Biology, Chemistry (At least 1 Pre-AP level Science recommended)

Semesters: 2 Periods: 1

Students in Anatomy and Physiology Pre-AP will study the human body to understand how anatomical structure affects physiological function. Students will study the cooperation between specific organ systems. Several types of dissections accompany this course as well as independent work in the form of anatomy and/or physiology coloring books and research. As a college prep course, students will utilize Cornell notes, journaling, and improve study skills.

Physics **1 Credit (State)**

GRADES:10-12 Prerequisite: Algebra 2 (Concurrent enrollment) or Pre-Calculus (Recommended)

Semesters: 2 Periods: 1

In Physics 1, students conduct field and laboratory investigations, use the scientific method during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include laws of motion, changes within physical systems and conservation of energy and momentum, force, thermodynamics, characteristics and behavior of waves, electricity, magnetism, and quantum physics. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills. Students must understand basic algebra to be successful. This course can be taken concurrently with Chemistry or Pre-AP Chemistry.

Physics Pre-AP **1 Credit (State)**

GRADES: 10-12 Prerequisite: Algebra 2 (Concurrent enrollment) or Pre-Calculus (Recommended)

Semesters: 2 Periods: 1

Students study a variety of topics that include laws of motion, changes within physical systems and conservation of energy and momentum, force, thermodynamics, characteristics and behavior of waves, electricity, magnetism, and quantum physics. Physics 1 Pre-AP is recommended for those who plan to major in science or engineering in college. An individual project will be required and will count as 10% of the student's grade. A substantial amount of out-of-class time will be required for study and the individual project. Fall semester's individual project will be a required entry into the Science Fair. This course can be taken concurrently with Biology, Pre-AP Biology, Chemistry or Pre-AP Chemistry**.**

Conceptual Physics **1 Credit (State)**

GRADES:10-12 Prerequisite: Department Head Approval, Based on standardized test scores

Semesters: 2 Periods: 1

In Conceptual Physics, This course is designed for students planning a career in a field other than science. This lab-based course focuses on real-world situations to build a strong conceptual understanding of physical principles, ranging from classical mechanics to modern physics. This course will not count as a prerequisite for Advanced Placement Physics, Advanced Placement Biology or Advanced Placement Chemistry. This course can be taken concurrently with Biology, Pre-AP Biology, Chemistry or Pre-AP Chemistry. **The conceptual Physics curriculum does prepare the student for the TAKS test but it does not prepare the student for college physics. Due to the difference in curriculum, students will not be permitted to transfer between Conceptual Physics and Physics during the year.**

AP Physics (Physics 2) **1 Credit (State)**

GRADES:11-12 Prerequisite: Pre-AP Physics strongly recommended

Semesters: 2 Periods: 1

Physics 2 AP is the equivalent of a calculus-based first-year university physics course. Topics include kinematics, projectile motion, Newton's laws, Work-Energy Theorem, conservation of energy, momentum, center of mass, rotational motion, pure rolling motion, angular momentum, wave motion, and advanced electricity and magnetism. A strong understanding of algebra and trigonometry is essential. Students must be self-motivated and organized. High-level math problem solving and extensive preparation and outside study are required. Physics 2 AP is recommended for those anticipating mathematical science or engineering college majors. At the end of the school year, students will be prepared to take the national Advanced Placement Exam in Physics for college credit. This exam is optional and requires a fee from the student. Taking this test is highly recommended since college credit may be earned with a score of 3-5.

Earth and Space Science **1 Credit (State)**

GRADES:11-12 Prerequisite: Successful completion of three years of high school science; preferably Biology, Chemistry, and Physics

Semesters: 2 Periods: 1

Builds on prior scientific knowledge and skills to provide students with an understanding of the Earth system and cycles in space and time. The course focuses on three major science concepts: the Earth in space and time, solid Earth, and fluid Earth.

Aquatic Science **1 Credit (State)**

GRADES:11-12 Prerequisite: Successful completion of three years of high school science; preferably Biology, Chemistry, and Physics

Semesters: 2 Periods: 1

In Aquatic Science students study a variety of topics that include: components of an aquatic ecosystem; relationships among aquatic habitats and ecosystems; roles of cycles within an aquatic environment; adaptations of aquatic organisms; changes within aquatic environments; geological phenomena and fluid dynamics effects; and origin and use of water in a watershed. **Fee: $20 per semester for field observations.**

Social Studies

World Geography **1 Credit (State)**

GRADES: 9 Prerequisite: None

Semesters: 2 Periods: 1

The purpose of World Geography is to understand and relate location, movement, region and the human environmental impact on the history of nations and the groups that inhabit them. This course puts heavy emphasis on the past, present and future of the world's social, economic, and political events as they may be affected by the world's geography. World news, travel itineraries, and trade agreement simulations are part of the course.

World Geography Pre-AP **1 Credit (State)**

GRADES: 9 Prerequisite: None

Semesters: 2 Periods: 1

The World Geography Pre-AP course emphasizes global issues by exploring the five themes of geography: location, place, human environment, interactions, movement and regions. Students learn current events and work on developing solutions to problems. They use the newspaper to help them locate and understand problem areas of the world. In this course, each student will be required to give an oral report on a different area of the world.

World History **1 Credit (State)**

GRADES: 10 Prerequisite: None

Semesters: 2 Periods: 1

The purpose of World History is to give the student an understanding of the changing world in which he lives through an examination of world cultures and their problems and achievements from earliest times. Major concentration is on those movements, events, and forces which have shaped the modern world.

AP World History **1 Credit (State)**

GRADES: 10 Prerequisite: None

Semesters: 2 Periods: 1

The World History AP course prepares students to take the AP exam for college credit. It is designed to develop a greater understanding of the evolution of global process and contacts and to analyze the interaction between different types of human societies. The course emphasizes the nature of change, its causes and consequences, as well as comparisons of major societies. The class will cover all societies and cultures with no special emphasis of one over another. Extensive outside reading and research is required. Outside papers are assigned and essay tests are given. Students are expected to engage in college-level work. Toward the end of the course, students will have the opportunity to take the College Board AP Examination in this subject.

U.S. History **1 Credit (State)**

GRADES: 11 Prerequisite: None

Semesters: 2 Periods: 1

In U.S. History, the U.S. role as a world power is studied by examining events since Reconstruction. World War I, post-war America, the Depression, the New Deal, World War II, the Cold War era, and the fall of the Soviet Union are reviewed with emphasis on primary sources, interviews, and research.

AP U.S. History **1 Credit (State)**

GRADES: 11 Prerequisite: None

Semesters: 2 Periods: 1

The U.S. History AP course prepares students to take the AP exam for college credit. It covers American history in its entirety. Extensive outside reading and research is required. Students will be working with original sources, debating controversial issues in American history. They will be expected to become familiar with major historians and historical revisions. They may be expected to produce History Fair projects or work with local historical societies. Outside papers are assigned and essay tests are given. Students are expected to engage in college-level work. Toward the end of the course, students will have the opportunity to take the College Board AP Examination in this subject.

US History Dual Credit **1 Credit (State)**

GRADES: 11 Prerequisite: COM entrance requirements

Semesters: 1-2 Periods: 1

This course is offered in conjunction with College of the Mainland. It may be taught at the DHS campus and offers students the opportunity to get college and high school credit for the same course. COM entrance requirements must be met. An informational meeting will be held for all potential dual credit students and parents. See page 2 and 76 for more information.

U.S. Government **0.5 Credit (State)**

GRADES: 12 Prerequisite: None

Semesters: 1 Periods: 1

U. S. Government deals with the origin, development, and structure of the American governmental/economic system. Strong emphasis is placed on foundations of government, citizenship, civil rights, suffrage, and the three branches of government. Examination of original documents, oral reports, current events, and simulations are part of the course. The study of government allows a person to participate effectively and responsibly in public life.

AP U.S. Government **0.5 Credit (State)**

GRADES: 12 Prerequisite: None

Semesters: 1 Periods: 1

U.S. Government AP is a one-semester course that covers every major element of a college course in American government. This course is designed to provide the skills and knowledge necessary to pass the AP Government Exam. Solid reading and writing skills are required along with a willingness to be challenged. Emphasis is placed on critical and evaluative thinking skills in the interpretation of both governmental and current events studies. Toward the end of the course, students will have the opportunity to take the College Board AP Examination in this subject.

Economics **0.5 Credit (State)**

GRADES: 12 Prerequisite: None

Semesters: 1 Periods: 1

Economics examines how economic systems use scarce resources to meet the needs and wants of their citizens. Particular emphasis is on the characteristics and benefits of capitalism. The role of the U.S. government in the economy is also addressed. Semester projects, simulations, and games are included.

AP Economics **0.5 Credit (State)**

GRADES: 12 Prerequisite: None

Semesters: 1 Periods: 1

Economics AP is a one-semester course that covers every major element of a college course in macroeconomics and is designed to provide the skills and knowledge necessary to pass the AP Economics Exam in the spring. Emphasis is placed on critical and evaluative thinking skills in the interpretation of economic principles, data and current events. Students are expected to engage in college-level work. Toward the end of the course, students will have the opportunity to take the College Board AP Examination in this subject.

Government Dual Credit **.5 Credit (State)**

GRADES: 12 Prerequisite: COM entrance requirements

Semesters: 1 Periods: 1

This course is offered in conjunction with College of the Mainland. It may be taught at the DHS campus and offers students the opportunity to get college and high school credit for the same course. COM entrance requirements must be met. An informational meeting will be held for all potential dual credit students and parents. See page 2 and 76 for more information.

Economics Dual Credit **.5 Credit (State)**

GRADES: 12 Prerequisite: COM entrance requirements

Semesters: 1 Periods: 1

This course is offered in conjunction with College of the Mainland. It may be taught at the DHS campus and offers students the opportunity to get college and high school credit for the same course. COM entrance requirements must be met. An informational meeting will be held for all potential dual credit students and parents. See page 2 and 76 for more information.

AP European History **1 Credit (State)**

GRADES: 11-12 Prerequisite: None

Semesters: 2 Periods: 1

The European History AP course is an in-depth study of the history of Europe that prepares students to take the AP exam for college credit. Extensive outside reading and research is required. Many class presentations and cooperative learning situations are incorporated into the course. A college level textbook and reading will be used. Essay tests emphasizing higher level thinking skills are given. This course is recommended for students who have already taken World Geography PAP or World History AP but may not substitute for World History. Students are expected to engage in college-level work. Toward the end of the spring students will have the opportunity to take the College Board AP Examination in this subject.

Psychology **0.5 Credit (State)**

GRADES: 11-12 Prerequisite: None

Semesters: 1 Periods: 1

The study of psychology involves analyzing its tools and techniques. The purpose of this course is to allow the student to have a greater understanding of human growth, development, and behavior. Various theories and theorists will be discussed. Abnormal behavior, motivation, emotions, testing, learning, cognitive processes, and personality theories will be analyzed. Group discussions and experiments will be applied to the given topics. By the end of the course, the student will have a better appreciation of the human behavior. A semester project will be required.

Sociology **0.5 Credit (State)**

GRADES: 10-12 Prerequisite: None

Semesters: 1 Periods: 1

The study of sociology involves exploring cultural change and social structure and their effects on individual beliefs, attitudes, and behavior. The purpose of the sociology course is to provide the student opportunities to examine the nature of sociology as a field of study, analyze culture, socialization, groups and institutions, explain forms of communication, and recognize societal differences in the value systems of others. Hands on activities relating to the topics will be initiated.

Health, Physical Education, and AFJROTC

Health **0.5 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 1 Periods: 1

In Health, topics include personal health, safety and well being, consumer health, care of the human body, nutrition, mental health, prevention of disease, chronic health conditions, environment and community health, accident prevention, and family life.

Physical Education **0.5 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 1 Periods: 1

To satisfy the one credit requirement for Physical Education, students will take individual sports and team sports.

Coach Approved Athletics **0.5-1 Credit (State)**

GRADES: 9-12 Prerequisite: Try-out/selection, Coach Approval

Semesters: 1-2 Periods:

Entry into all athletic programs is by try-out, selection, and APPROVAL OF THE HEAD COACH OF THAT SPORT. **Fee:** $50

Cheerleading **1 Credit (State)**

GRADES: 9-12 Prerequisite: Instructor Approval

Semesters: 2 Periods: 1

Cheerleading is available to all students who make the cheerleading squad. Students will be required to perform for a panel of judges and are selected by their scores. It is a UIL violation to be enrolled in this course and athletics concurrently.

Drill Team **1 Credit (State)**

GRADES: 10-12 Prerequisite: Audition

Semesters: 2 Periods: 1

Drill Team is a performance group. The dancers perform at a variety of events including football and basketball games. Students also put on an annual Spring Show. Students must try-out before they can be on the team.

AEROSPACE SCIENCE
Air Force Junior Reserve Officer Training Corps (AFJROTC)

AFJROTC is a leadership and citizenship program that helps students develop leadership skills that will carry them through any post-high school career. It is a cadet-run organization, which means that students (cadets) may advance in rank, therefore putting them in leadership positions and eventually run the Corps. The Aerospace Science Instructors teach the academic portions of the program, but guide and teach the cadet leaders to manage the Corps effectively.

A mandatory requirement for successful completion of AFJROTC is to wear the AFJROTC uniform on designated days, usually once a week. Failure to do so will result in dismissal from AFJROTC.

AFJROTC has a very active extracurricular program consisting of competitive and performance teams such as Drill Team, Color Guard, Saber Team, Rocketry Team, Physical Training Team, Awareness Presentation Team, Academic Team, and Viability Team. Participation in these teams is not mandatory, but is highly desirable.

Aerospace Science 1 (AFJROTC)
Introductory Aerospace Science 1 Credit (State)

Grades: 9-12 Prerequisite: Permission of Senior Aerospace Science Instructor
Semesters: 2 Periods: 1

Aerospace Science 1 focuses on wear and care of the uniform, customs and courtesies, drill and ceremonies, history, mission, purpose, goals, objectives, and organization of AFJROTC. The Aerospace Science portion will consist of one of the following areas of study: Aviation History, Science of Flight, Astronomy, Space Exploration, or Survival. The Leadership Education portion will consist of one of the following areas of study: Citizenship, Character, and Air Force Tradition; Communication, Awareness and Leadership; Life Skills and Career Opportunities; or Principles of Leadership. The Wellness/Physical Fitness portion will incorporate the Cadet Health and Wellness Program. This is an exercise program focused on individual baseline improvements with the goal of achieving a Presidential Physical Fitness standard calculated with age and gender.

Aerospace Science 2 (AFJROTC)
Basic Aerospace Science 1 Credit (State)

Grades: 10-12 Prerequisite: Aerospace Science 1
Permission of Senior Aerospace Science Instructor
Semesters: 2 Periods: 1

Aerospace Science 2 expands on lessons and skills taught during Aerospace Science 1 by giving limited leadership opportunities to rising cadets. These leadership positions will prepare these cadets for more demanding leadership positions offered during Aerospace 3 and 4. The

Aerospace Science, Leadership Education, and Health/Wellness portions of the course will be the same as those offered in Aerospace Science 1 above.

Aerospace Science 3 (AFJROTC)
Intermediate Aerospace Science 1 Credit (State)

Grades: 11-12 Prerequisite: Aerospace Science 2
Permission of Senior Aerospace Science Instructor
Semesters: 2 Periods: 1

Aerospace Science 3 builds on lessons and skills taught during Aerospace Science 2 by giving expanded leadership opportunities to rising cadets. These leadership positions will "test" their leadership skills and prepare these cadets for the most demanding leadership positions available during Aerospace 4. The Aerospace Science, Leadership Education, and Health/Wellness portions of the course will be the same as those offered in Aerospace Science 11 above.

Aerospace Science 4 (AFJROTC)
Advanced Aerospace Science 1 Credit (State)

Grade: 12 Prerequisite: Aerospace Science 3
Permission of Senior Aerospace Science Instructor
Semesters: 2 Periods: 1

Aerospace Science 4 is the capstone AFJROTC course. It puts cadets into demanding leadership positions where they will be in charge of, and responsible for, the entire Dickinson High School AFJROTC. These leadership positions will "test" their leadership skills and prepare these cadets for the rigors of post-high school pursuits such as college or the beginning of a chosen career. The Aerospace Science, Leadership Education, and Health/Wellness portions of the course will be the same as those offered in Aerospace Science 1 above.

Courses that waive PE credits

Students may substitute certain courses for the required one and one half credits. Each semester of the substituted course will waive a semester of PE. PE may be waived by participating in the following activities:

1. Athletics
2. Cheerleading
3. Diamonds
4. Fall semester of band
5. AFJROTC
6. Career Technology Education courses that are 2-3 periods long (if taken before 2011-2012 school year)

Fine Arts

Varsity Band **1 Credit (State)**

GRADES: 9-12 Prerequisite: Director Approval

Semesters: 2 Periods: 1

The Cadet Band is open to students whose basic fundamentals of tone production, tone control, rhythm, reading, and sight reading qualify them for a beginning level band. This class will also be used for the drum line during marching season if need be. Competitive and after school activities are required. In the first semester, Varsity Band members participate in marching band which satisfies one half of a PE credit. **Fee: Varies**

Concert Band **1 Credit (State)**

GRADES: 9-12 Prerequisite: Director approval based on audition

Semesters: 2 Periods: 1

The Concert Band is open to students whose areas of tone production, tone control, rhythm, and sight reading skills are not as advanced as those who qualify for Symphonic Band. Competitive and after school activities are required. Membership is determined by audition. In the first semester, Concert Band members participate in Marching Band, which satisfies one half of a PE credit. **Fee: Varies**

Drum Line (First Semester only) **0.5 Credit (State)**

GRADES: 9-12 Prerequisite: Director approval based on audition

Semesters: 1 Periods: 1

The Drum Line is intended for all percussionists, as well as double reed players, which are assigned a position for the Marching Band. Emphasis is on the development of rhythmic accuracy, tone production, sight reading, and ensemble skills. Competitive and after school activities are required. Membership in this band is determined by audition. This satisfies one half of a PE credit. **Fee: Varies**

Symphonic Band **1 Credit (State)**

GRADES: 9-12 Prerequisite: Director approval based on audition

Semesters: 2 Periods: 1

The Symphonic Band is open to students who are advanced in the areas of tone production, tone control, rhythm reading, and sight reading. Competitive and after school activities are required. Membership in this band is determined by audition. In the first semester, Symphonic Band members participate in Marching Band, which satisfies one half of a PE credit. **Fee: Varies**

Wind Ensemble **1 Credit (State)**

GRADES: 9-12	Prerequisite: Enrolled in Choir or Band , Instructor approval
Semesters: 2	Periods: 1

The Wind Ensemble is open to students who are highly advanced in the areas of tone production, tone control, rhythm reading, and sight reading. Competitive and after school activities are required. Membership in this band is determined by audition. In the first semester, Wind Ensemble members participate in marching band, which satisfies one half of a PE credit. **Fee: Varies**

Instrumental Ensemble **0.5-1 Credit (State)**

GRADES: 9-12	Prerequisite: Enrolled in Choir or Band , Instructor approval
Semesters: 1-2	Periods: 1

Instrumental Ensemble is designed to provide students an opportunity to study the TMEA and UIL music in a more individual or small group setting. Because of its size, the learning of music phrasing, interpretation, intonation, etc. is intensified.

Musical Theory 1 **0.5 Credit (State)**

GRADES: 10-12	Prerequisite: Instructor approval, Currently enrolled in Band or Choir
Semesters: 1	Periods: 1

Music theory 1 exposes the high school student to the fundamentals of music. Understanding the total effort involved in producing music for the listener's ear is of prime importance. Each component of melody, harmony, and rhythm is studied in order to find what comprises each part. The history of music is also included to help the student understand the development of these components.

Musical Theory 2 **0.5-1 Credit (State)**

GRADES: 10-12	Prerequisite: Instructor approval, Currently enrolled in Band or Choir
Semesters: 1-2	Periods: 1

Music Theory 2 will provide the college-bound student an intense program in college-level theory. Simple melodic dictation from the piano, rhythmic dictation, singing of diatonic melodies and functional keyboard harmonization of triads and simple cadences will be emphasized. This class will qualify as one advanced measure for the Distinguished Achievement Diploma if all criteria are satisfied. Those criteria include research projects, preparation of All-State audition material and performance of those selections as an audition for All-Region Band placement or in a recital setting, preparation and performance of a recital to be judged by a minimum of three qualified educators and other specified music-related activities.

Band/Color Guard **0.5-1 Credit (State)**

GRADES: 9-12 Prerequisite: Audition

Semesters: 1-2 Periods: 1

The Color Guard provides visual support for the marching band in the fall semester through dance and the use of flags, rifles, and sabers. In the spring semester, the Color Guard forms a competitive Winter Guard unit. Competitive and after school activities are required both semesters. Membership is determined by audition each semester. **Fee: Varies**

Viking Choir **1 Credit (State)**

GRADES: 9-12 Prerequisite: Basic Singing Skills

Semesters: 2 Periods: 1

No auditions are required. This men's choir will concentrate on skills in reading music and singing. Some after-school rehearsals will be required. Participation in all concerts, including pop show, and contests are required.

Treble Choir **1 Credit (State)**

GRADES: 9-12 (Girls) Prerequisite: Basic Singing Skills

Semesters: 2 Periods: 1

No auditions are required. This women's ensemble will concentrate on skill sin reading music and singing. Periodic after-school rehearsals will be required. Participation in all concerts, including pop show, and some contests are required.

Concert Women's Choir **1 Credit (State)**

GRADES: 9 Prerequisite: Approved based on audition

Semesters: 2 Periods: 1

This choir is open to 9th grade girls who have advanced skills and have had choir in junior high. Students must have advanced skills in areas of intonation, rhythm reading, sight-reading music theory and ensemble experience. Competitive and after school activities are required. Participation in all concerts, including pop show and contests are required.

Chamber Choir **1 Credit (State)**

GRADES: 10-12 Prerequisite: Approval based on audition

Semesters: 2 Periods: 1

This choir is open to male and female voices in 10th-12th grades. Students must have advanced skills in areas of intonation, rhythm reading, sight-reading music theory and ensemble experience. Competitive and after school activities are required. Participation in all concerts, including pop show and contests are required.

Symphonic Chorale Women **1 Credit (State)**

GRADES: 10-12 (Girls)

Prerequisite: Approval based on audition

Semesters: 2

Periods: 1

This choir is open to female voices in 10th-12th grades. Students must have advanced skills in areas of intonation, rhythm reading, sight-reading music theory and ensemble experience. Competitive and after school activities are required. Participation in all concerts, including pop show and contests are required.

Vocal Rush! **1 Credit (State)**

GRADES: 10-12

Prerequisite: Approval based on audition
Concurrent enrollment in other choir or theater course

Semesters: 2

Periods: 1

This choir is open to male and female voices in 10th-12th grades. Music will include popular show tunes, musical theater, pop music arrangements as well as other show choir genres. This company will appear at festivals, invitational community events as well as most concerts. These singers must have advanced skills in areas of stage movement, voice diction, intonation, rhythm reading, sight-reading music theory and ensemble experience as well as have the ability to sing various genres of music. Competitive and after school activities are required.

Art 1 **1 Credit (State)**

GRADES: 9-12

Prerequisite: None

Semesters: 2

Periods: 1

This course is an overview of the Elements and Principles of Art using various mediums and techniques with a concentration on two dimensional work. It will include drawing, painting, and dimensional projects throughout the year. Creative expression, production skills, and quality of finished product are stressed. This class will compete in various contests including Houston Livestock Show and Rodeo Art contest and possibly Visual Arts Scholastic Event (VASE).

Art 1 Mentor **1 Credit (State)**

GRADES: 9-12

Prerequisite: Application, Interview

Semesters: 2

Periods: 1

Art 1 Mentor is a peer assisting art program. Selected students work under the direction and supervision of the art instructor in direct instructional roles with structured learning high school students. Students learn to plan and direct art lessons, assist and mentor structured learning students, and complete other responsibilities of art education personnel.

Art 2 Drawing **1 Credit (State)**

GRADES: 10-12 Prerequisite: Art 1, Instructor approval

Semesters: 2 Periods: 1

In Art 2 Drawing, students work on advanced drawing problems that explore the elements of line, shape, form, texture, color, value, and the principles of movement, rhythm, unity, variety, emphasis, proportion, and balance. Drawing problems are explored through design projects with a variety of materials.

Art 2 - Drawing **1 Credit (State)**

GRADES: 10-12 Prerequisite: Art 1Foundations **and** Instructor approval (possible admission through portfolio review)

Semesters: 2 Periods: 1

In Art 2 Drawing, students work on advanced drawing problems that explore the elements of line, shape, form, texture, color, value, and the principles of movement, rhythm, unity, variety, emphasis, proportion, and balance. Drawing problems are explored through design projects with a variety of materials. Students will be required to exhibit their work, and participate in competitive shows.

Art 3 - Drawing **1 Credit (State)**

GRADES:11-12 Prerequisite: Art 1, Drawing 2 **and** Instructor approval

Semesters: 2 Periods: 1

In Art 3 Drawing, students will use knowledge and skills from Art 1 and 2 Drawing. Students will work on advanced, individual drawing problems such as portraiture, architecture, and drawing from life. Independent research will be required for creative ideas. Students will be required to exhibit their work and participate in competitive shows.

Art 2 - Sculpture **1 Credit (State)**

GRADES: 10-12 Prerequisite: Art 1 **and** Instructor approval

Semesters: 2 Periods: 1

Sculpture students use knowledge and skills from their foundations course, working on advanced three-dimensional projects using a variety of media such as clay, wire, plastiscine, paper and found objects. Composition and problem solving are stressed as well as conceptual works that create an artistic statement. Students will be required to exhibit their work and participate in competitive shows.

Art 3 - Sculpture **1 Credit (State)**

GRADES: 11-12	Prerequisite: Art 1, Sculpture 2 **and** Instructor approval
Semesters: 2	Periods: 1

Sculpture students use knowledge and skills from previous classes, working on advanced three-dimensional projects with an emphasis on individual creative expression using a variety of media such as clay, wire, plastiscine, paper and found objects. Composition and problem solving are stressed as well as conceptual works that create an artistic statement. Students will be required to exhibit their work and participate in competitive shows.

AP Art Drawing Portfolio **1 Credit (State)**

GRADES:11-12	Prerequisite: Art 1 & 2, Instructor Approval (Required fee of $25 per semester)
Semesters: 2	Periods: 1

The Advanced Placement Program in Studio Art enables highly motivated students to do college-level art work in Studio Art while still in high school. AP Studio Art conforms to the national standards required by the College Board. Students who select Studio Art should be aware that AP work involves significantly more commitment and accomplishment than the typical high school course. In the course, a student develops a portfolio of work concentrating on a specific artistic endeavor. A primary goal is to encourage students to become independent thinkers who will contribute inventively and creatively to their culture through the making of art.

AP 3-Dimensional Design Portfolio **1 Credit (State)**

GRADES:11-12	Prerequisite: Art 1 & 2, Instructor Approval (Required fee of $25 per semester)
Semesters: 2	Periods: 1

The Advanced Placement Program in 3 dimensional art enables highly motivated students to do college-level art work in 3-D art while still in high school. AP 3-D Art conforms to the national standards required by the College Board. Students who select AP art should be aware that AP work involves significantly more commitment and accomplishment than the typical high school course. In the course, a student develops a portfolio of work concentrating on a specific artistic endeavor. A primary goal is to encourage students to become independent thinkers who will contribute inventively and creatively to their culture through the making of art.

Technical Theater 1 **1 Credit (State)**

GRADES: 9-12	Prerequisite: Theater 1 or Teacher Approval
Semesters: 2	Periods: 1

Technical Theater 1 topics include basic building, painting techniques, lighting applications, sound perspective, prop production, costume design, and publicity design. The Technical Theater classes provide sets for student productions. The Technical Theater classes are required to attend the main stage productions that are produced by the department.

Technical Theater 2, 3, and 4 **1-3 Credit (State)**

GRADES: 10-12 Prerequisite: C or higher in Tech Theater 1, Instructor approval

Semesters: 2 Periods: 1

Technical Theater 2, 3, and 4 topics include scene construction, technical paperwork, drafting, and beginning design work in scenery and lighting. Students develop a higher level of technical responsibility and are able to serve as crew heads and stage managers for productions if they choose to do so. The Technical Theater classes are required to attend the main stage productions that are produced by the department.

Theater Arts 1 **1 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 2 Periods: 1

Theater Arts 1 is a basic introduction to Theater arts. Topics include terminology, basic stage movement, pantomime, improvisation, overcoming stage fright, evaluating Theater productions, Theater etiquette, and basic performance skills including character development and script structure. All Theater Arts 1 students are required to see the live stage productions produced by the department.

Theater Arts 2 **1 Credit (State)**

GRADES: 10-12 Prerequisite: C or higher in Theater Arts 1 Instructor approval

Semesters: 2 Periods: 1

Theater Arts 2 is a continuation of Theater Arts 1 and is designed for students with a genuine interest in Theater. Topics include advanced stage movement, voice and diction development, audition techniques, advanced character analysis, and Theater history. Students are introduced to a variety of techniques and theories that are put in to practice through memorized monologues, duets, and one act plays that are performed for the public each semester. All Theater arts students are required to see the live stage productions produced by the department.

Theater Arts 3 **1 Credit (State)**

GRADES: 11-12 Prerequisite: B or higher in Theater 2 Instructor approval

Semesters: 2 Periods: 1

Theater Arts 3 is designed for students who have an intense interest in Theater. It focuses on advanced voice and diction, stage movement, and character analysis with heavy concentration on acting styles, script analysis, and performance techniques. Students will also begin basic directing work on individual scenes. Performance work consists completely of scripted work. Theater Arts 3 students are expected to attend the live stage productions produced by the department. Students are highly encouraged to audition for productions as well.

Theater Arts 4 **1 Credit (State)**

GRADES: 12

Prerequisite: B or higher in Theater 3
Instructor approval

Semesters: 2

Periods: 1

Theater Arts 4 is a continuation of Theater Arts 3 and is designed for students dedicated to perfecting their acting and directing skills. Topics include professional acting techniques, Theater theory and criticism, and full one act directing skills. Students are introduced to Theater sources for purposes of research, scripts, auditioning, education, and lay attendance. Students will direct a one act play, and attend the live stage production produced by the department. Students will also work on college resumes, applications, FAFSA, audition monologues and interviews for theatre schools. Students will be able to attend a variety of unified auditions throughout the state for entrance and scholarship to a variety of theatre, film, and communications colleges.

Theater Production 1-4 **1 Credit (State)**

GRADES: 9-12

Prerequisite: Audition Only – must audition both semesters separately

Semesters: 2

Periods: 1

Theater Production 1-4 is designed to prepare actors and technicians for all dramatic productions during the school year including all fall productions, the winter production, and UIL One Act production. Skills learned in the Technical Theatre and Theatre Arts classes will be utilized in this class during rehearsals for the department's productions. Students are required to be involved in all productions for the department during the semester in which they are in the class. Involvement includes onstage and offstage positions

Theater Production 1 Mentor **1 Credit (State)**

GRADES: 10-12

Prerequisite: Interview with instructor; teacher approval

Semesters: 2

Periods: 1

Theater Production Mentor is a peer assisting theater program. Selected students work under the direction and supervision of the theater director in direct instructional roles with structured learning high school students. Students learn to plan and direct theater lessons, assist and mentor structured learning students, and complete other responsibilities of theater education personnel. Students in this program are given the opportunity to work with a variety of students in a variety of settings.

Dance 1 **1 Credit (State)**

GRADES: 9-12 Prerequisite: None

Semesters: 2 Periods: 1

Dance 1 is an introductory course that provides the students with an exploration of the basic fundamentals of movement. Ballet, jazz, theatrical dance, modern and choreography are the dance elements that will be emphasized. In addition, students will receive a brief historical dance overview. Students will have the opportunity to perform basic dance skills which will increase their self-confidence, self-discipline, and dance appreciation.

Dance 2 **1 Credit (State)**

GRADES: 10-12 Prerequisite: Dance 1 and Audition

Semesters: 2 Periods: 1

Dance 2 is an extension of Dance 1 with a continuing dance curriculum that emphasizes dance vocabulary, various choreographic skills, kinesthetic awareness, and a historical overview of dance. Students will have the opportunity to perform a variety of dance styles and techniques. Performances of dance skills achieved will help build self-confidence using the body as an expressive instrument.

Dance 3 **1 Credit (State)**

GRADES: 11-12 Prerequisite: Dance 2 and Audition

Semesters: 2 Periods: 1

Dance 3 provides a progressing curriculum with emphasis on basic dance foundation. Perception, creative expression, performance and cultural heritage will be demonstrated. Dance students will be encouraged to promote understanding of themselves and others through effective interactions with the community. By mastering movement skills the students will have a better insight to self-discipline and maintenance of a healthy body.

Dance 4 **1 Credit (State)**

GRADES: 12 Prerequisite: Dance 3 and Audition

Semesters: 2 Periods: 1

Dance 4 provides students with an advanced dance curriculum with a continuing emphasis on all basic dance knowledge and skills. Dance students will be encouraged to demonstrate refined kinesthetic and spatial awareness, lead peers in the performance dance movements, and extend their multicultural studies and events.

Charms **1 Credit (State)**

GRADES: 9-10 Prerequisite: Audition

Semesters: 2 Periods: 1

Charms is an introductory course that provides the students with an exploration of the basic fundamentals of movement, as well as a class to prepare for performances at JV football games. Ballet, jazz, theatrical dance, modern and choreography are the dance elements that will be emphasized. Students will have the opportunity to perform basic dance skills which will increase their self-confidence, self-discipline, and dance appreciation. All students must audition to be placed onto the charms JV Dance team.

Diamonds Dance team **1 Credit (State)**

GRADES: 10-12 Prerequisite: Audition

Semesters: 2 Periods: 1

The Diamonds Dance team is an elite organization on the DHS campus. The members of the Diamonds will perform at all Varsity football games. They will compete as a team at various contests and will perform in the annual Spring Show in April.

Career and Technical Education (CTE) Courses

Dickinson Independent School District's Career and Technical Education Department strives to equip their students with the tools that will help them to be successful in today's business world and in post secondary education. We offer a wide variety of career clusters for our students to choose from for their career paths. We emphasize rigor and relevance through problem solving and hands-on experience on real life projects. We also provide the opportunity for our students to receive industry certifications. The courses in this department are designed to move students through a set or sequence of courses that will lead toward a foundation in a specific career; toward an industry certification OR both! Students who have taken courses in a specific cluster should contact their current/former teacher to determine which course is the next in the sequence. Our students have received state and national recognition in our vocational clubs and UIL contests. Students can also take a Tech Prep class that merits college credit while they are in a CTE course at DHS. The courses are designed to move students from an introductory course in $9^{th}/10^{th}$ grade and have them working along with professionals in the final course through an internship or practicum by 12^{th} grade. Some of the courses may offer credit in Science, Math, or English. Courses are organized in the Career Clusters created by the state also known as Achieve Texas. We are using their icons so you may easily research careers and potential workforce trends as you, the student, set your future goals. Some CTE courses have fees however, need based fee waivers are available.

Nondiscrimination Clause

The Dickinson Independent School District (DISD) offers career and technical education programs in Automobile Mechanics, Cosmetology, Desktop Publishing, Family & Consumer Science, Health Science Technology, Law Enforcement, Marketing Education, Business Office Services, Welding, Agriculture, Industrial Technology and Vocational Office Education. Admission to these programs is based on student interest, student's needs and Texas Education Agency grade level requirements. It is the policy of the DISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. It is the policy of the DISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. DISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX Coordinator, Robert Cobb, at 4512 Highway 3, Dickinson, TX 77539, (281) 229-6102, and/or the Section 504 Coordinator, Laurie Goforth, at 4512 Highway 3, Dickinson, TX 77539, (281) 229-6084.

Notificación Publica de No Discriminación en Programas Vocacionales

El Districto Escolar de Dickinson (DISD) ofrece programas vocacionales en Mecanica de Automóvil, Cosmetologia, la Autoedición, la Familia y la Ciencia del Consumo, la Tecnologia de la Ciencia de la Salud, la Aplicación de la ley, Educacion de ventas, los Servicios de la Oficina del negocio, Soldar, la Agricultura, la Tecnologia Industrial y la Educación Vocacional de la Oficina. La admisión a estos programas se basa en el interes del estudiante, la edad del estudiante y el grado del estudiante.Es norma de DISD no discriminar por motivos de raza, color, origen nacional, sexo o impedimento, en sus programas, servicios o actividades vocacionales, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación, de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda. Es norma de DISD no discriminar por motivos de raza, color, origen nacional, sexo, impedimento o edad, en sus procedimientos de empleo, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación, de 1972, la ley de Discriminación por Edad, de 1975, según enmienda, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda. DISD tomará las medidas necesarias para asegurar que la falta de habilidad en el uso del inglés no sea un obstáculo para la admisión y participación en todos los programas educativos y vocacionales. Para información sobre sus derechos o procedimientos para quejas, comuníquese con el Coordinador del Título IX, Robert Cobb, en 4512 Highway 3, Dickinson, Tejas 77539, (281) 229-6102, y/o el Coordinador de la Sección 504, Laurie Goforth, en 4512 Highway 3, Dickinson, Tejas 77539, (281) 229-6084.

Agriculture, Food & Natural Resources

First Course	Second Course	Third Course	Final Course
Principles of Agriculture, Food, and Natural Resources	Livestock Production	Veterinary Medical Applications	Animal Science
Principles of Agriculture, Food, and Natural Resources	Veterinary Medical Applications	Personal Skills and Development/Agriculture Communications	Personal Skills and Development/Agriculture Communications

Principles of Agriculture, Food, and Natural Resources 1 Credit

Grades: 9-12 Prerequisite: None

Semesters: 2 Periods: 1

To be prepared for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings.

Livestock Production 1 Credit

Grades: 10-12 Prerequisite: Principles of Agriculture, Food, and Natural Resources

Semesters: 2 Periods: 1

To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

Personal Skills and Development/Agriculture Communications 1 Credit

Grades: 10-12 Prerequisite: Principles of Agriculture, Food, and Natural Resources

Semesters: 2 Periods: 1

To be prepared for careers in leadership development systems, students need to attain academic skills and knowledge, to acquire knowledge and skills related to leadership development systems and the workplace, and to develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need to have opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Veterinary Medical Applications 1 Credit

Grades: 11-12 Prerequisite: Principles of Agriculture, Food, and Natural Resources

Semesters: 2 Periods: 1

To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. Topics covered in this course include, but are not limited to, veterinary practices as they relate to both large and small animal species.

Animal Science 1 Credit

Grades: 11-12 Prerequisite: Principles of Agriculture, Food, and Natural Resources

Semesters: 2 Periods: 1

To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

Architecture & Construction

First Course	Second Course	Third Course	Final Course
Principles of Architecture and Construction	Interior Design		
Principles of Architecture and Construction	Architectural Design	Construction Management	

Principles of Architecture and Construction **0.5 Credit**

Grades: 9-12 Prerequisite: Algebra I or concurrent enrollment

Semesters: 1 Periods: 1

Principles of Architecture and Construction provides an overview to the various fields of architecture, interior design, construction science, and construction technology. 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. Job-specific, skilled training can be provided through the use of training modules to identify career goals in trade and industry areas. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking; Information Technology Applications; systems; safety, health, and environmental; leadership and teamwork; ethics and legal responsibilities; employability and career development; technical skills; introduction to hand tools; introduction to power tools; basic rigging; and reading technical drawings. **Fee: $5**

Interior Design **0.5 Credit**

Grades: 10-12 Prerequisite: Algebra I, Principles of Architecture and Construction, or Architectural Design

Semesters: 1 Periods: 1

Interior Design is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Individuals use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, and compete in industry. **Fee: $5**

Architectural Design **1 Credit**

Grades: 10-12 Prerequisite: Algebra I, Principles of Architecture and Construction

Semesters: 2 Periods: 1

In Architectural Design, students gain knowledge and skills specific to those needed to enter a career in architecture and construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, and landscape architecture. Architectural design includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes. **Fee: $10**

Construction Management **1 Credit**

Grades: 10-12 Prerequisite: Algebra I, Principles of Architecture and Construction

Semesters: 2 Periods: 1

In Construction Management, students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Management includes the knowledge of the design techniques and tools related to the management of architectural and engineering projects. **Fee: $10**

Arts, A/V Technology and Communication

First Course	Second Course	Third Course	Final Course
Principles of Arts, Audio/Video Technology, and Communications	Fashion Design	Advanced Fashion Design	
Principles of Arts, Audio/Video Technology, and Communications	Digital Interactive Media *(Photojournalism*)	Graphic Design and Illustration	Video Game Design
Principles of Arts, Audio/Video Technology, and Communications	Audio/Video Production (*Newspaper)*	Advanced Audio/Video Production	Practicum in Audio/Video Production
Graphic Design and Illustration (*Journalism 1*)	Advanced Graphic Design and Illustration (*Yearbook 1)*	Practicum in Advanced Graphic Design and Illustration (*Yearbook 2)*	

Principles of Arts, Audio/Video Technology, and Communications 0.5 Credit

Grades: 9-12 Prerequisites: None
Semesters: 1 Periods: 1

Careers in the Arts, Audio/Video Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Fashion Design 1 Credit

Grades: 10-12 Prerequisite: Principles of Arts, Audio/Video Technology, and Communications
Semesters: 2 Periods: 1

Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of fashion and the textile and apparel industries. **Fee: $20**

Advanced Fashion Design 2 Credits

Grades: 10-12 Prerequisite: Fashion Design
Semesters: 2 Periods: 2

Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of fashion, with emphasis on design and production. **Fee: $20**

Graphic Design and Illustration (Journalism I) 1 Credit

Grades: 10-12 Prerequisite: None
Semesters: 2 Periods: 1

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. **Fee: $10**

Advanced Graphic Design and Illustration (Yearbook I) 2 Credits

Grades: 10-12 Prerequisite: Graphic Design & Illustration and Instructor approval

Semesters: 2 Periods: 2

The student will learn yearbook layout style, copy writing, headline writing, basic typography, photographic selection, page composition and desktop publishing in Advanced Graphic Design and Illustration. The class actually produces the school yearbook. Students must be committed to after school and weekend involvement. Students will attend a 3-hour workshop offered twice during the summer before the course begins. **Fee: $10**

Practicum in Graphic Design and Illustration (Yearbook 2) 2 Credits

Grades: 10-12 Prerequisite: Graphic Design & Illustration and Instructor approval

Semesters: 2 Periods: 2

Practicum in Graphic Design & Illustration is a continuation of Yearbook 1, allowing students to pursue advanced desktop publishing, writing, and administration of the publication.
In order to enroll in yearbook, the student must complete an application process and be approved by the instructor. **Fee: $10**

Video Game Design 1 Credit

Grades: 10-12 Prerequisite: Principles of Arts, Audio/Video Tech

Semesters: 2 Periods: 1

The student will be provided the opportunity to design, program, and create a functional video game. The course will introduce basic programming language and skills that are essential to developing a video game. **Fee: $10**

Video Game Design 1 Credit

Grades: 10-12 Prerequisite: Principles of Arts, Audio/Video Tech

Semesters: 2 Periods: 1

The student will be provided the opportunity to design, program, and create a functional video game. The course will introduce basic programming language and skills that are essential to developing a video game. **Fee: $10**

Digital Interactive Media (Photojournalism) 0.5- 1 Credit

Grades: 9-12 Prerequisite: None
Semesters: 1-2 Periods: 1

In Digital Interactive Media students will develop their technical skills as photographers by critiquing photo quality, planning photo layouts, and contributing photographs of school events throughout the semester. Students will be required to take photos on their own time at school and may spend time after school to meet deadlines. **Fee: $5**

Audio/Video Production (Video Technology) 1 Credit

Grades: 9-12 Prerequisite: None
Semesters: 2 Periods: 1

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities. **Fee: $10**

Advanced Audio/Video Production (Adv. Broadcast Journalism 1) 2 Credits

Grades: 10-12 Prerequisite: Audio/Video Production
Semesters: 2 Periods: 2

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities. This course may be implemented in an advanced audio format or an advanced format, including both audio and video. **Fee: $10**

Practicum in Audio/Video Production 2-3 Credits

Grades: 11-12 Prerequisite: Adv. Audio/Video Production
Semesters: 2 Periods: 1

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video activities in a studio environment. This course may be implemented in an advanced audio, video, or animation format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. **Fee: $10**

Business, Management, & Administration

First Course	Second Course	Third Course	Final Course
Principles of Business, Marketing, and Finance	Touch Systems Data Entry	Business Information Management I	Business Information Management II
Principles of Business, Marketing, and Finance	Touch Systems Data Entry	Career Preparation I (Co-op)	Career Preparation II (Co-op)

Principles of Business, Marketing, and Finance **0.5 Credit**

Grades 9-11 Prerequisite: None

Semesters: 1 Periods: 1

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

Touch Systems Data Entry **0.5 Credit**

Grades: 9-10 Prerequisite: None

Semesters: 1 Periods: 1

Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry for production of business documents. **Fee: $5**

Business Information Management I **1 Credit**

Grades: 9-12 Prerequisite: Touch Systems Data Entry

Semesters: 2 Periods: 1

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software. Membership in Business Professionals of America is encouraged. **Fee: $10**

Business Information Management II **1 Credit**

Grades: 11-12 Prerequisite: Business Information Management I

Semesters: 2 Periods: 2-3

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software. Membership in Business Professionals of America is encouraged. **Fee: $10**

Career Preparation I **2-3 Credits**

Grades: 11-12 Prerequisite: Have transportation, Age 16, Basic computer skills

Semesters: 2 Periods: 2-3

Career Preparation I affords juniors and seniors both on-the-job and classroom education in various occupations. On-the-job training requires students to work off campus for a minimum of 15 hours a week at a training station as a paid employee. The training station must be approved by the instructor. While in class students will receive co-op orientation and a co-op handbook with guidelines for the program. Students will learn job readiness, hazardous orders and labor laws, payroll, risk management and human relations. Students will also work on computer skills: Word, Excel, Resumes and Desktop Publishing. Membership in a student organization—BPA or Skills USA will be encouraged. **Fee: $10**

Career Preparation II **2-3 Credits**

Grades: 12 Prerequisite: Career Preparation I, stable employment history

Semesters: 2 Periods: 2-3

A continuation of Career Preparation I, this class is for second year students ONLY. In addition to working at least 15 hours per week at an approved training station, students will engage in activities to advance in their training stations and careers. Students will spend time focused on how their respective businesses operate and company organization. This course spends time extending knowledge of Human Resources, Business Operations, Finance, Management and Promotional Activities of all types of businesses. Students need to possess keyboarding proficiency and basic computer skills. **Fee: $10**

Education & Training

First Course	Second Course	Third Course	Final Course
Principles of Education and Training	Human Growth and Development	Instructional Practice in Educational Training (Ready! Set! Teach! 1)	Practicum in Education and Training (Ready! Set! Teach! 2)

Principles of Education and Training **0.5 Credit**

Grades: 9-12 Prerequisites: None

Semesters: 1 Periods: 1

Principles of Education and Training is designed to introduce learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

Human Growth and Development **1 Credit**

Grades: 10-12 Prerequisite: Principles of Education and Training

Semesters: 2 Periods: 1

Human Growth and Development is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

Instructional Practice in Educational Training (Ready! Set! Teach! 1) **2 Credits**

Grades: 11-12 Prerequisites: Principles of Education and Training and Human Growth and Development

Semesters: 2 Periods: 2

Instructional Practice in Educational Training is a field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

Practicum in Education and Training (Ready! Set! Teach! 2) 2 Credits

Grade: 12 Prerequisite: Instructional Practice in Educational Training

Semesters: 2 Periods: 2

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

Finance

First Course	Second Course	Third Course	Final Course
Principles of Business, Marketing, and Finance	Money Matters	Accounting I	Accounting II

Principles of Business, Marketing, and Finance 0.5 Credit

Grades: 9-11 Prerequisites: None

Semesters: 1 Periods: 1

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

Money Matters 0.5 Credit

Grades: 9-12 Prerequisite: None

Semesters: 1 Periods: 1

Students will investigate global economics with emphasis on the free enterprise system and its impact on consumers and businesses. Students apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to set long-term financial goals based on those options. Students will determine

methods of achieving long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning, and estate planning.

Accounting I **1 Credit**

Grades: 10-12 Prerequisite: None
Semesters: 2 Periods: 1

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making. Membership into Business Professionals of America is encouraged. Students will have the option of receiving a Tech Prep credit from College of the Mainland.

Accounting II **1 Credit**

Grades: 11-12 Prerequisite: Accounting I
Semesters: 2 Periods: 1

Students continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision making. Membership in Business Professionals of America is encouraged.

Government & Public Administration

No courses offered under this cluster at this time.

Health Science

First Course	Second Course	Third Course	Final Course
Principles of Health Science	Medical Terminology	Health Science	Practicum in Health Science
		Anatomy and Physiology	

Principles of Health Science **0.5 Credit**

Grades: 9-11 Prerequisite: None
Semesters: 1 Periods: 1

The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively.

Medical Terminology **0.5 Credit**

Grades: 9-12 Prerequisite: None
Semesters: 1 Periods: 1

This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Health Science **1 Credits**

Grades: 10-12 Prerequisites: Principles of Health Science and Biology
Semesters: 2 Periods: 1

The Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning.

Anatomy and Physiology **1 Credits**

Grades: 11-12 Prerequisites: Principles of Health Science and Biology and Chemistry
Semesters: 2 Periods: 1

Anatomy and Physiology is an elective science in which students will study the human body from the standpoint of systemic anatomy. Students study the operation of specific organ systems and cellular physiology. Several types of dissections accompany this course as well as independent work in the form of anatomy and/or physiology coloring books and research. This class will explore various learning styles as well as methods of enriching vocabulary.

Practicum in Health Science (Nursing or Pharmacy Tech) 2 Credits

Grades: 11-12 Prerequisites: Health Science and Biology
Semesters: 2 Periods: 2

The Practicum is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. The health science industry is comprised of diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. Students should identify the employment opportunities, technology, and safety requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions. **Students will be required to purchase uniforms through the program and show proof of a negative TB test within the last year.**

Hospitality & Tourism

No courses offered under this cluster at this time.

Human Services

First Course	Second Course	Third Course	Final Course
Principles of Human Services	Dollars and Sense	Interpersonal Studies	
Principles of Human Services	Introduction to Cosmetology	Cosmetology I	Cosmetology II

Principles of Human Services 0.5 Credit

Grades: 9-12 Prerequisite: None
Semesters: 1 Periods: 1

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Dollars and Sense **0.5 Credit**

Grades: 10-12 Prerequisite: None
Semesters: 1 Periods: 1

Dollars and Sense focuses on consumer practices and responsibilities, the money management process, decision-making skills, impact of technology, and preparation for human services careers. Students are encouraged to participate in career and technical student organizations and other leadership organizations.

Interpersonal Studies **0.5 Credit**

Grades: 10-12 Prerequisite: Principles of Human Services
Semesters: 1 Periods: 1

This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

Introduction to Cosmetology **0.5 Credit**

Grades: 10-12 Prerequisite: None
Semesters: 1 Periods: 1

Students explore areas such as bacteriology, sterilization and sanitation, hair styling, manicuring, shampooing and the principles of hair cutting, hair styling, hair coloring, skin care, and facial makeup. The student researches careers in the personal care services industry. To prepare for success, students must have skills relative to this industry, as well as academic knowledge and skills. Students may begin to earn clock hours toward state licensing requirements. **Fee: $7 for lab apron and $8 for beauty supplies. Optional**: **There is a $25 Registration fee for a student permit issued by TDLR toward their certification. The $25 must be in the form of a money order payable to: The Texas Department of Licensing and Regulations**.

Cosmetology I **3 Credits**

Grades: 10-11 Prerequisite: Introduction to Cosmetology. We require 10th Graders to have completed their Foreign Language and Fine Arts requirements prior to starting this class.
Must pay fees to instructor.
Semesters: 2 Periods: 3

Students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, haircare, nail care and skin care and meets the Texas Department of Licensing and Regulation

requirements for licensure upon passing the state examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills are included. **Fee: $242.00 for cosmetology kit and $25 for permit if not previously purchased. Fees are subject to change based on the supplier's costs.**

Cosmetology II **3 Credits**

Grades: 11-12 Prerequisite: Cosmetology I
Semesters: 2 Periods: 3

Students review academic knowledge and skills related to cosmetology. This course is designed to provide advanced training for employment in cosmetology careers. Instruction includes advanced training in sterilization and sanitation processes, haircare, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Students apply, combine, and justify knowledge and skills to a variety of settings and problems.

Information Technology

First Course	Second Course	Third Course	Final Course
Principles of Information Technology	Digital and Interactive Media		

Principles of Information Technology **0.5 Credit**

Grades: 9-10 Prerequisite: None
Semesters: 1 Periods: 1

Students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

Digital and Interactive Media **1 Credit**

Grades: 10-12 Prerequisite: Principles of Information Technology
Semesters: 2 Periods: 1

Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and

interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment. **Fee: $10**

Law, Public Safety, Corrections & Security

First Course	Second Course	Third Course	Final Course
Principles of Law, Public Safety, Corrections, and Security	Law Enforcement I	Prisons, Jails, and Corrections	Law Enforcement II
		Forensic Science	

Principles of Law, Public Safety, Corrections, and Security 0.5 Credit

Grades: 9-12 Prerequisite: None
Semesters: 1 Periods: 1

Principles of LPSCS is the beginning course of the Criminal Justice program. This course is the prerequisite for all other course offered. Students will gain information about the different career opportunities available in the criminal justice fields. This course provides an overview of the responsibilities and duties of police,corrections, private security, and fire service personnel.

Law Enforcement I 1 Credit

Grades: 10-12 Prerequisite: Principles of Law, Public Safety, Corrections, and Security
Semesters: 2 Periods: 1

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. This class is the introduction law enforcement class for those interested in a career in policing.

Law Enforcement II 1 Credit

Grades: 11-12 Prerequisite: Law Enforcement I
Semesters: 2 Periods: 1

Law Enforcement II expands the previous first course in preparing a student for a career in law enforcement. This course includes additional education in law enforcement topics and special assignments to include: crime scene investigation, trial and courtroom, crime classifications and punishment.

Forensic Science **1 Credit**

Grades: 11-12 Prerequisite: Law Enforcement I
Semesters: 2 Periods: 1

Forensic science is the application of basic biological, chemical and physical science principles and technological practices to the purposes of justice in the study of criminal and civil issues. Major themes of study in this course are pathology, anthropology, ballistics, trace evidence, biological fluids, DNA, fingerprints, impression evidence, questioned documents and forensic psychiatry/psychology.

Prisons, Jails and Corrections **1 Credit**

Grades: 10-12 Prerequisite: Principles of Law, Public Safety, Corrections, and Security I
Semesters: 2 Periods: 1

Students prepare for a career in correctional services. The student will learn the role and responsibilities of a correctional officer; discuss relevant rules, rehabilitation and sanctions available, regulations and laws, learn defensive and restraint techniques, and social conditions within incarceration. Students will understand the different populations represented within a secured facility and gain knowledge in techniques to work with these individuals.

Manufacturing

First Course	Second Course	Third Course	Final Course
Principles of Manufacturing	Welding	Advanced Welding	

Principles of Manufacturing **0.5 Credit**

Grades: 9-12 Prerequisite: Algebra I
Semesters: 1 Periods: 1

In Principles of Manufacturing, students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Knowledge and skills in the proper application of principles of manufacturing, the design of technology, the efficient production of technology, and the assessment of the effects of manufacturing production technology prepare students for success in the modern world. The study of manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. In addition to general academic and technical knowledge and skills, students gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment in these careers.

Welding I **2 Credits**

Grades: 10-12 Prerequisite: Algebra 1
Semesters: 2 Periods: 2

Rapid advances in technology have created new career opportunities and demands in many industries. Welding provides the knowledge, skills, and technologies required for employment in metal technology systems. Students develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success. Students are able to acquire welding certification cards. **Fee:** $20 for equipment and $15 per certification.

Advanced Welding **2 Credits**

Grades: 11-12 Prerequisites: Geometry and Welding I
Semesters: 2 Periods: 2

Advanced Welding builds on knowledge and skills developed in Welding. Students will develop advanced welding concepts and skills as they relate to personal and career development. This course integrates academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Students are able to acquire welding certification cards. **Fee:** $20 for equipment and $15 per certification.

Marketing, Sales & Service

First Course	Second Course	Third Course	Final Course
Principles of Business, Marketing, and Finance	Entrepreneurship	Sports and Entertainment Marketing	

Principles of Business, Marketing, and Finance **0.5 Credit**

Grades: 9-11 Prerequisite: None
Semesters: 1 Periods: 1

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

Entrepreneurship **0.5 Credit**

Grades: 9-12 Prerequisite: Principles of Business, Marketing, and Finance

Semesters: 1 Periods: 1

Students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students understand the capital required, the return on investment desired, and the potential for profit. **Fee:** $5

Sports and Entertainment Marketing **0.5 Credit**

Grades: 9-12 Prerequisite: Principles of Business, Marketing, and Finance

Semesters: 1 Periods: 1

This course will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and sporting events and entertainment. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports and entertainment marketing plans. This course will also provide students an opportunity to develop promotional plans, sponsorship proposals, endorsement contracts, sports and entertainment marketing plans, and evaluation and management techniques. **Fee:** $5

Science, Technology, Engineering & Mathematics

First Course	Second Course	Third Course	Final Course
Concepts of Engineering and Technology	Engineering Design and Presentation	Advanced Engineering Design and Presentation	Robotics and Automation

Concepts of Engineering and Technology **0.5 Credit**

Grades: 9-12 Prerequisite: Algebra I or concurrent enrollment

Semesters: 1 Periods: 1

Concepts of Engineering and Technology provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will use a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields and will be able to make informed decisions regarding a coherent sequence of subsequent courses. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments. **Fee:** $5

Engineering Design and Presentation **1 Credit**

Grades: 10-12 Prerequisite: Concepts of Engineering and Technology

Semesters: 2 Periods: 2

Students enrolled in this course will demonstrate knowledge and skills of the process of design as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas. **Fee:** $5

Robotics and Automation **2 Credits**

Grades: 11-12 Prerequisites: Engineering Design and Presentation

Semesters: 2 Periods: 1

Students enrolled in this course will demonstrate knowledge and skills necessary for the robotic and automation industry. Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. Additionally, students explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. **Fee:** $15

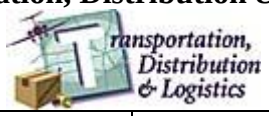
Advanced Engineering Design and Presentation **2 Credits**

Grades: 11-12 Prerequisite: Engineering Design and Presentation

Semesters: 2 Periods: 2

This course will provide students the opportunity to master computer software applications in a variety of engineering and technical fields. This course further develops the process of engineering thought and application of the design process. **Fee:** $10

Transportation, Distribution & Logistics



First Course	Second Course	Third Course	Final Course
Principles of Transportation, Distribution, and Logistics	Automotive Technology	Advanced Automotive Technology	

Principles of Transportation, Distribution, and Logistics **0.5 Credit**

Grades: 9-12 Prerequisite: None
Semesters: 1 Periods: 1

In Principles of Transportation, Distribution, and Logistics, students gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the logistics of warehousing and transportation systems. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation, distribution, and logistics industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

Automotive Technology **2 Credits**

Grades: 10-12 Prerequisite: None
Semesters: 2 Periods: 2

Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices. **Fee:** $20

Advanced Automotive Technology **2 Credits**

Grades: 11-12 Prerequisite: Automotive Technology
Semesters: 2 Periods: 2

Automotive services include advanced knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Advanced Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices. **Fee:** $20

Electives

Gator Aide **0.5-1 Credit (Local)**

GRADES: 12 Prerequisite: Counselor approval

Semesters: 1-2 Periods: 1

Senior counselor screens applicants for service to main office, assistant principals, and counselors. Student's attendance and discipline record will be reviewed.

Peer Assistance and Leadership (PALS) **2 Credits (State)**

GRADES: 11-12

Prerequisite: Application
Interview
Recommendations
Instructor approval
2-day summer training required
Community service required

Semesters: 2 Periods: 2

Peer Assistance and Leadership is a peer helping program in which selected students are trained to work as peer helpers mentoring and tutoring younger children from feeder middle schools and elementary schools within the district. PAL students serve as peer mediators on the high school campus. The students are trained in listening and communication skills, basic principles of human behavior, decision-making, problem solving, and leadership skills. Recruitment for the class begins in early spring. Students must apply for acceptance into the class, supply recommendations, and participate in a panel interview to be selected as a PAL. Other requirements include commitment to a two-day training in the summer prior to the class and required community service.

Special Programs

IMPACT **.5- 1 Credit (State)**

GRADES: 9-12 Prerequisite: ARD

Semesters: 1-2 Periods: 1-7

Students served through the IMPACT program are provided an education that will enable them to reach their maximum level of independence and become contributing members of society in ways such as competitive employment, community and civic activities, and volunteer work.

START **.5-1 Credit (State)**

GRADES: 9-12 Prerequisite: ARD

Semesters: 1-2 Periods: 1-7

The START class prepares students with physical challenges to reach their maximum level of performance by addressing functional activities, communication, socialization, sensory-motor development, community skills, and vocational training.

Structured Learning Class (SLC) **.5-1 Credit (State)**

GRADES: 9-12 Prerequisite: ARD

Semesters: 1-2 Periods: 1-7

In keeping with the spectrum nature of Autism, Structured Learning Class is constructed along a continuum. Students with less intensive instructional structure needs may be fully included in the mainstream setting (e.g. use SLC classroom as a "home-base" or place to regain necessary structure as needed) while those with more intensive needs may be in the SLC classroom most of the day with appropriate instructional methodology, applied behavior techniques, individualized communication systems, as well as individualized and group instruction. SLC also prepares students with autism spectrum disorders for living after high school by teaching vocational training or preparing them for college, while addressing academic, communication, socialization, behavior, and work skills.

DEAR

GRADES: 9-12 Prerequisite: ARD

Semesters: 1-2 Periods: 4

The DEAR program is assigned for students who need a flexible educational program and are at-risk of not graduating within the appropriate timeline. The opportunity to recover credits at an accelerated rate is provided in order for the student to graduate in a timely manner. Admission requires an application and ARD approval.

College of the Mainland®

Attachment A: Dual Credit Courses

Students may earn college hours and high school credit from the same course after their sophomore year. You must apply for admission to the college and pass all the required TAKS tests, and the Texas Higher Education Assessment (THEA) prior to admission. The courses are set at the college level. Students enrolled in these courses will have to pay college tuition. Counselor approval is required prior to enrollment**. Grade points are awarded based on the Pre- AP/AP scale for Dual Credit courses taken on the DHS campus. See page 2 for more information.**

*** Asterisk designates courses eligible for Tech Prep credit.**

Course Title	Course Name	Credit Hours	High School Course	Credit
*Introduction to Accounting	ACNT-1303	3	Accounting I	1.0
Principles of Accounting	ACCT-2301	3	Accounting II	1.0
*Basic Graphic Design	ARTC-1305	3	Art III-Graphic Design	1.0
*Introduction to Computer Graphics	ARTC-1325	3	Digital and Interactive Media	1.0
Art Design	ARTS 1311	3	Art I	1.0
Art History I	ARTS-1303	3	Art III History A	0.5
Art History II	ARTS-1304	3	Art III History B	0.5
Drawing I	ARTS-1316	3	Art II Drawing	1.0
Drawing II	ARTS-1317	3	Art III Drawing	1.0
Painting I	ARTS-2316	3	Art II Painting	1.0
Painting II	ARTS-2317	3	Art III Painting	1.0
Sculpture I	ARTS-2326	3	Art II Sculpture	1.0
Sculpture II	ARTS-2327	3	Art III Sculpture	1.0
Ceramics I	ARTS-2346	3	Art II Ceramics	1.0
Ceramics II	ARTS-2347	3	Art III Ceramics	1.0
Photography I	ARTS-2356	3	Art II Photography	1.0
Photography II	ARTS-2357	3	Art III Photography	1.0
Business Computer Applications	BCIS-1305	3	Business Information Mgt I	1.0
Food & Nutrition	BIOL-1322	3	Lifetime and Wellness	0.5
General Biology I	BIOL-1406	4	Biology A	0.5
General Biology II	BIOL-1407	4	Biology B	0.5
Human Anatomy & Physiology I	BIOL-2401	4	Anatomy & Physiology	0.5
Human Anatomy & Physiology II	BIOL-2402	4	Anatomy & Physiology	0.5
Introduction to Human Anatomy & Physiology	BIOL-2404	4	Anatomy & Physiology	0.5
Microbiology	BIOL-2420	4	Medical Microbiology	0.5
*Principles of Management	BMGT-1303	3	Business Management	1.0
Principles of Finance	BUSG-1303	3	Banking & Financial Services	0.5
Business Law	BUSI-2301	3	Business Law	0.5
Business Communications	BUSI-2304	3	Business English	0.5
*Child Guidance	CDEC-1319	3	Child Guidance	1.0
*The Infant and Toddler	CDEC-1321	3	Child Development	0.5
Introductory Chemistry I	CHEM-1405	4	Scientific Research and Design	0.5
Introductory Chemistry II	CHEM-1407	4	Scientific Research and Design	0.5
General Chemistry I	CHEM-1411	4	Scientific Research and Design II	0.5
General Chemistry II	CHEM-1412	4	Scientific Research and Design II	0.5
Microcomputer Applications	COSC-1301	3	Principles of Technology	1.0
Programming Fundamentals	COSC-1336	3	Computer Science I	1.0
Programming Fundamentals II	COSC-1337	3	Computer Science II	1.0
Electronic & Computer Skills	CPMT-1407	4	Principles of Information Technology	1.0
Computer Systems	CPMT-1445	4	Computer Technician	2.0
Introduction to Criminal Justice	CRIJ-1301	3	Law Enforcement I	0.5
Court Systems & Practices	CRIJ-1306	3	Courts Systems and Practices	2.0
Crime in America	CRIJ-1307	3	Law Enforcement II	0.5
Fundamentals of Criminal Law	CRIJ-1310	3	Principles of Law, Public Safety, Corrections and Security	0.5

Correctional Systems & Practices	CRIJ-2313	3	Correctional Services	0.5
Principles of Skin Care/Facials & Related Theory	CSME-1348	3	Cosmetology II B	0.5
Fundamentals of Cosmetology	CSME-1405	4	Intro to Cosmetology	0.5
Manicuring and Related Theory	CSME-1443	4	Cosmetology I A	0.5
Artistry of Hair, Theory & Practice	CSME-1451	4	Cosmetology I B	0.5
Chemical Reformation & Related Theory	CSME-1453	4	Cosmetology I C	0.5
Salon Development	CSME-2343	3	Cosmetology II C	0.5
Principles of Hair Coloring & Related Theory	CSME-2401	4	Cosmetology II A	0.5
Preparation for the State Licensing Examination	CSME-2441	4	Cosmetology II D	0.5
Unit Operations	CTEC-2445	4	Manufacturing and Engineering	1 1/2
Internship – Clinical Technology	CTEC-2486	4	Manufacturing and Engineering	1 1/2
*Technical Drafting	DFTG-1405	4	Engineering Design and Presentation	1.0
*Basic Computer-Aided Drafting	DFTG-1409	4	Architectural Design	1.0
Rehearsal & Performance I	DRAM-1120	1	Theatre Production I	0.5
Rehearsal & Performance II	DRAM-1121	1	Theatre Production I	0.5
Introduction to Theater	DRAM-1310	3	Theater Arts I	1.0
Stagecraft I	DRAM-1330	3	Technical Theater I	1.0
Acting I	DRAM-1351	3	Theatre Arts I	1.0
Acting II	DRAM-1352	3	Theatre Arts II	1.0
Rehearsal & Performance III	DRAM-2120	1	Theatre Production II A	0.5
Rehearsal & Performance IV	DRAM-2121	1	Theatre Production II B	0.5
Acting III	DRAM-2351	3	Theatre Arts III	1.0
Acting IV	DRAM-2352	3	Theatre Arts IV	1.0
Principles of Macroeconomics	ECON-2301	3	Economics or Economics Advanced Studies X Time Taken	0.5
Principles of Microeconomics	ECON-2302	3	Economics or Economics Advanced Studies X Time Taken	0.5
Clinical Emergency Medical Technology/Tech	EMSP-1160	1	Practicum in Health Science	1.0
Emergency Medical Technician I	EMSP-1501	5	Practicum in Health Science	1.0
Composition I	ENGL-1301	3	English IV A	0.5
Composition II	ENGL-1302	3	English IV B	0.5
Creative Writing I	ENGL-2307	3	Creative/Imaginative Writing	0.5
Creative Writing II	ENGL-2308	3	Creative/Imaginative Writing	0.5
Technical & Business Writing	ENGL-2311	3	Research/Technical Writing	0.5
American Literature I	ENGL-2327	3	English III A	0.5
American Literature II	ENGL-2328	3	English III B	0.5
World Geography	GEOG-1303	3	World Geography Studies	0.5
Environmental Geology	GEOL 1405	4	Geology, Meteorology, and Oceanography	0.5
Physical Geology	GEOL-1403	4	Geology, Meteorology, and Oceanography	0.5
Historical Geology	GEOL-1404	4	Geology, Meteorology, and Oceanography	0.5
Meteorology	GEOL-1447	4	Geology, Meteorology, and Oceanography	0.5
United States and Texas Government I	GOVT-2301	3	United States or Social Studies Advanced Studies	0.5
United States and Texas Government II	GOVT-2302	3	United States or Social Studies Advanced Studies	0.5
United States History	HIST-1301	3	U.S History A	0.5
United States History	HIST-1302	3	U.S History B	0.5
*Medical Terminology	HITT-1305	3	Medical Terminology	0.5
*Medical Terminology	HPRS-1206	2	Medical Terminology	.5
Humanities I	HUMA-1301	3	Humanities	0.5
Humanities II	HUMA-1302	3	Humanities	0.5
*Introduction to Multimedia	IMED-1301	3	Digital and Interactive Media or Audio Video Production	1.0

*Integrated Software Applications	ITSC-1309	3	Business Information Mgt. II	1.0
College Algebra	MATH-1314	3	Algebra IIB or Independent Study in Math X Time Taken	0.5
Trigonometry	MATH-1316	3	Pre-Calculus A	0.5
Finite Mathematics	MATH-1324	3	Independent Studies in Math (X Time Taken)	0.5
Business Calculus	MATH-1325	3	Independent Studies in Math (X Time Taken)	0.5
Mathematics for Liberal Arts	MATH-1332	3	Independent Studies in Math (X Time Taken)	0.5
Introduction to Probability and Statistics	MATH-1342	3	Independent Studies in Math (X Time Taken)	0.5
Fundamentals of Mathematics I for Middle Grade Teacher Certification	MATH-1350	3	Independent Studies in Math (X Time Taken)	0.5
Fundamentals of Mathematics II for Middle Grade Teacher Certification	MATH-1351	3	Independent Studies in Math (X Time Taken)	0.5
Pre-Calculus	MATH-2412	4	Pre-Calculus B	0.5
Calculus I	MATH-2413	4	Independent Studies in Math (X Time Taken)	0.5
Calculus II	MATH-2414	4	Independent Studies in Math (X Time Taken)	
Calculus III	MATH-2415	4	Independent Studies in Math (X Time Taken)	0.5
Linear Algebra	MATH-2418	4	Independent Studies in Math (X Time Taken)	0.5
Differential Equations	MATH-2420	4	Independent Studies in Math (X Time Taken)	0.5
*Principles of Marketing	MRKG-1311	3	Principles of Business, Marketing, and Finance	0.5
Private Lessons	MUAP-11XX	1	Applied Music I	.5
Private Lessons II	MUAP-12XX	2	Applied Music I	.5
Private Lessons III	MUAP-21XX	1	Applied Music II	.5
Private Lessons IV	MUAP-22XX	2	Applied Music II	.5
Concert Band	MUEN-1121	1	Music, Band, Levels IA, IIA, IIIA, or IVA	.5
Jazz Ensemble	MUEN-1125	1	Music, Jazz Band A, Levels I, II, III, or IV	.5
Mixed Chamber Ensemble	MUEN-1131	1	Music Instrumental Ensemble, Levels I, II, III, or IV	.5
Woodwind Ensemble	MUEN-1133	1	Music Instrumental Ensemble, Levels I, II, III, or IV	.5
Jazz Combo	MUEN-1136	1	Music Instrumental Ensemble, Levels I, II, III, or IV	.5
Guitar Ensemble	MUEN-1139	1	Music Instrumental Ensemble, Levels I, II, III, or IV	.5
Mainland Chorale	MUEN-1142	1	Music, Choir Levels I, II, III, or IV	.5
Mainland Singers	MUEN-1154	1	Music, Vocal Ensemble Levels I,II, III, or IV	.5
Men's Vocal Ensemble	MUEN-1155	1	Music, Vocal Ensemble Levels I,II, III, or IV	.5
Concert Band II	MUEN-2121	1	Music, Band, Levels IA, IIA, IIIA, or IVA	.5
Jazz Ensemble II	MUEN-2125	1	Music, Jazz Band A, Levels I, II, III, or IV	.5
Mixed Chamber Ensemble II	MUEN-2131	1	Music Instrumental Ensemble, Levels I, II, III, or IV	.5
Woodwind Ensemble II	MUEN-2133	1	Music Instrumental Ensemble, Levels I, II, III, or IV	.5
Jazz Combo II	MUEN-2136	1	Music Instrumental Ensemble, Levels I, II, III, or IV	.5
Guitar Ensemble II	MUEN-2139	1	Music Instrumental Ensemble, Levels I, II, III, or IV	.5
Mainland Chorale	MUEN-2142	1	Music, Choir Levels I, II, III, or IV	.5

Mainland Singers	MUEN-2154	1	Music, Vocal Ensemble Levels I,II, III, or IV	.5
Men's Vocal Ensemble II	MUEN-2155	1	Music, Vocal Ensemble Levels I,II, III, or IV	.5
Opera Workshop I	MUSI-1157	1	Applied Music I	.5
Opera Workshop II	MUSI-1158	1	Applied Music I	.5
Improvisation	MUSI-1163	1	Applied Music I	.5
Class Piano	MUSI-1181	1	Applied Music I	.5
Class Piano	MUSI-1182	1	Applied Music I	.5
Class Voice	MUSI-1183	1	Applied Music I	.5
Class Voice	MUSI-1184	1	Applied Music I	.5
Class Guitar	MUSI-1192	1	Applied Music I	.5
Class Guitar	MUSI-1193	1	Applied Music I	.5
Music Theory I	MUSI-1211	2	Music Theory IA	.5
Music Theory II	MUSI-1212	2	Music Theory IA	.5
Sight Singing and Ear Training	MUSI-1216	2	Music Theory I	.5
Sight Singing and Ear Training II	MUSI-1217	2	Music Theory I	.5
Fundamentals of Music	MUSI-1301	3	Music Theory I	.5
Music Appreciation	MUSI-1306	3	Music I-History	.5
Music Literature	MUSI-1308	3	Music I-History	.5
Music Literature II	MUSI-1309	3	Music I-History	.5
American Music	MUSI-1310	3	Music I-History	.5
Composition I	MUSI-1386	3	Applied Music I	.5
Class Piano	MUSI-2181	1	Applied Music II	.5
Class Piano	MUSI-2182	1	Applied Music II	.5
Class Voice	MUSI-2183	1	Applied Music II	.5
Class Voice	MUSI-2184	1	Applied Music II	.5
Composition III	MUSI-2186	1	Applied Music II	.5
Composition IV	MUSI-2187	1	Applied Music II	.5
Class Guitar	MUSI-2192	1	Applied Music II	.5
Class Guitar	MUSI-2193	1	Applied Music II	.5
Music Theory III	MUSI-2211	2	Music Theory IIA	.5
Music Theory IV	MUSI-2212	2	Music Theory IIA	.5
Sight Singing and Ear Training III	MUSI-2216	2	Music Theory II	.5
Sight Singing and Ear Training IV	MUSI-2217	2	Music Theory II	.5
Composition II	MUSI-2386	3	Applied Music I	.5
Swimming	PHED-1101	1	Aerobic Activities x Time Taken	0.5
Aerobic Water Exercise	PHED-1103	1	Individual Sports x Time Taken	0.5
Foundations of Personal Fitness	PHED-1107	1	Physical Education IA - Foundations of Personal Fitness	0.5
Aerobic Dance	PHED-1109	1	Aerobic Activities x Time Taken	0.5
Weight Training	PHED-1110	1	Individual Sports x Time Taken	0.5
Hatha Yoga	PHED-1111	1	Individual Sports x Time Taken	0.5
Weight Control	PHED-1112	1	Individual Sports x Time Taken	0.5
Karate I	PHED-1117	1	Individual Sports x Time Taken	0.5
Bowling	PHED-1119	1	Individual Sports x Time Taken	0.5
Racquetball	PHED-1120	1	Individual Sports x Time Taken	0.5
Basketball	PHED-1121	1	Team Sports x Time Taken	0.5
Softball	PHED-1123	1	Team Sports x Time Taken	0.5
Golf	PHED-1124	1	Individual Sports x Time Taken	0.5
Tennis	PHED-1125	1	Individual Sports x Time Taken	0.5
Volleyball	PHED-1126	1	Team Sports x.Time Taken	0.5
Soccer	PHED-1130	1	Team Sports x.Time Taken	0.5
Aerobic Cycling	PHED-1131	1	Aerobic Activities x Time Taken	0.5
Into to Recreational Sports	PHED-1133	1	Team Sports x Time Taken	0.5
Aerobic Run/Walk	PHED-1143	1	Aerobic Activities x Time Taken	0.5
Aerobic Step	PHED-1144	1	Aerobic Activities x Time Taken	0.5
Aerobic Cross Training	PHED-1145	1	Aerobic Activities x Time Taken	0.5
Aerobic Kickboxing	PHED-1146	1	Aerobic Activities x Time Taken	0.5
Sports Yoga	PHED-1148	1	Individual Sports x Time Taken	0.5
Pilates	PHED-1149	1	Individual Sports x Time Taken	0.5

Scuba Diving	PHED-1151	1	Individual Sports x Time Taken	0.5
Personal & Community Health	PHED-1304	3	Health Education	0.5
Karate II	PHED-2117	1	Individual Sports x Time Taken	0.5
Pharmacy Technician Certification Review	PHRA-1243	2	Practicum in Health Science	0.5
Introduction to Pharmacy	PHRA-1301	3	Practicum in Health Science	0.5
Pharmaceutical Mathematics I	PHRA-1309	3	Practicum in Health Science	0.5
Community Pharmacy Practice	PHRA-1313	3	Practicum in Health Science	0.5
Pharmaceutical Mathematics II	PHRA-1347	3	Practicum in Health Science	0.5
Institutional Pharmacy Practice	PHRA-1349	3	Practicum in Health Science	0.5
Pharmacotherapy & Disease Process	PHRA-1404	4	Practicum in Health Science	0.5
Pharmacy Drug Therapy & Treatment	PHRA-1441	4	Practicum in Health Science	1.0
Practicum: Pharmacy Technician	PHRA-2260	2	Practicum in Health Science	1.0
Internship: Pharmacy Technician	PHRA-2261	2	Practicum in Health Science	1.0
College Physics I	PHYS-1401	4	Physics A	0.5
College Physics II	PHYS-1402	4	Physics B	
Astronomy	PHYS-1403	4	Astronomy	0.5
Applied Physics	PHYS-1410	4	Principles of Technology	0.5
University Physics I	PHYS-2425	4	Scientific Research and Design	0.5
University Physics II	PHYS-2426	4	Scientific Research and Design	0.5
*Career Exploration & Planning	POFT-1310	3	Career Preparation I	2.0
*Beginning Keyboarding	POFT-1329	3	Touch System Data Entry	0.5
Introduction to Psychology	PSYC-2301	3	Psychology	0.5
Introduction to Process Technology	PTAC-1302	3	Manufacturing and Engineering	0.5
Industrial Economics	PTAC-1350	3	Manufacturing and Engineering	0.5
Process Tech. Instrumentation I	PTAC-1432	3	Electronics	0.5
Safety, Health, & Environment	PTAC-1408	4	Manufacturing and Engineering	0.5
Quality	PTAC-2314	3	Manufacturing and Engineering	0.5
Process Technology I – Equipment	PTAC-2410	4	Practicum in Manufacturing	0.5
Process Technology II	PTAC-2420	4	Practicum in Manufacturing	0.5
Process Technology III – Operations	PTAC-2438	4	Practicum in Manufacturing II	0.5
Process Troubleshooting	PTAC-2446	4	Practicum in Manufacturing II	0.5
Introduction to Sociology	SOCI-1301	3	Sociology	0.5
Conversational Spanish	SPAN-1100	1	Spanish I A	0.5
Conversational Spanish	SPAN-1101	1	Spanish I B	0.5
Spanish I	SPAN-1411	4	Spanish II	1.0
Spanish II	SPAN-1412	4	Spanish III	1.0
Spanish III	SPAN-2311	3	Spanish IV	1.0
Spanish IV	SPAN-2312	3	Spanish V	1.0
Public Speaking	SPCH 1315	3	Public Speaking	0.5
Public Speaking	SPCH-1315*	3	Communications Applications	0.5
Interpersonal Communications	SPCH-1318	3	Speech Communications	0.5
Families, School and Community	TECA-1303	3	Family and Community Services	0.5
Educating Young Children	TECA-1311	3	Child Guidance	0.5
Wellness of the Young Child	TECA-1318	3	Child Guidance	0.5
Child Growth and Development	TECA-1354	3	Child Development	0.5
Introduction to Welding Fundamentals	WLDG-1421	4	Welding	2
Introduction to Oxy-Fuel Welding & Cutting	WLDG-1425	4	Advanced Welding	1.5
Intermediate Shielded Metal Arc Welding	WLDG-1457	4	Advanced Welding	1.5

Attachment B: NCAA Course List

The following courses are approved by NCAA to count in the core GPA utilized by colleges and universities.

CREATIVE WRITING
DEBATE
DRAMATIC LITERATURE
ENGLISH I ACAD
ENGLISH I/H
ENGLISH II ACAD
ENGLISH II/H
ENGLISH III ACAD
ENGLISH III/AP
ENGLISH III/H
ENGLISH IV ACAD
ENGLISH IV/AP
ENGLISH IV/H
JOURNALISM
SHORT STORY
SPEECH
AM HISTORY ACAD
AM HISTORY/AP
AM HISTORY/H
CULTURE STUDIES
CULTURE STUDIES/H
ECONOMICS/ACAD
ECONOMICS/AP
ECONOMICS/H
EUROPEAN HISTORY/AP
GOVERNMENT/ACAD
GOVERNMENT/H
GOVT/ECON/AP
PSYCHOLOGY
PSYCHOLOGY/H
SOCIAL SCIENCE PROBLEMS/H
SOCIOLOGY
WORLD GEOGRAPHY
WORLD GEOGRAPHY/ACAD
WORLD HISTORY ACAD
WORLD HISTORY/H
ALGEBRA I ACAD
ALGEBRA I-IV
ALGEBRA I-IV
ALGEBRA I/H
ALGEBRA II ACADII
ALGEBRA II/H
ANALYTICAL GEOMETRY/H
CALCULUS
CALCULUS/AP
CALCULUS/H
ELEMENTARY ANALYSIS/H
GEOMETRY ACAD
GEOMETRY/H
PRE-CALCULUS ACAD
PRE-CALCULUS/H
TRIGONOMETRY/H
ANATOMY/PHYSIOLOGY/H
AQUATIC SCIENCE
BIOLOGY I
BIOLOGY I ACAD
BIOLOGY I/H
BIOLOGY II
BIOLOGY II/AP
BIOLOGY II/H
CHEMISTRY ACAD
CHEMISTRY I
CHEMISTRY II
CHEMISTRY II/AP
CHEMISTRY II/H
CHEMISTRY IN THE COMMUNITY
CHEMISTRY/H
CONCEPTUAL PHYSICS
EARTH AND SPACE SCIENCE
ENVIRONMENTAL SYSTEMS
IPC
PHYSICS I ACAD
PHYSICS I/H
PHYSICS II
PHYSICS II/AP
PHYSICS II/H
AMERICAN SIGN LANGUAGE I
AMERICAN SIGN LANGUAGE II
AMERICAN SIGN LANGUAGE III
FRENCH I
FRENCH II
FRENCH III
FRENCH III/H
FRENCH IV
FRENCH IV/H
GERMAN I
GERMAN II
GERMAN III
GERMAN IV
SPANISH FOR NATIVE SPEAKERS
SPANISH I
SPANISH II
SPANISH III
SPANISH III/H
SPANISH IV
SPANISH IV/H

Helpful Websites

ACT On-line Registration	www.actstudent.org		
ACT Sample Questions/Test	www.actstudent.org		
ACT National Test Dates	www.actstudent.org		
AP Exam Info. and Test Dates	www.collegeboard.com		
Career Search	www.bridges.com	www.cdr.state.tx.us	www.careers.com
College Admission Requirements	College websites	www.thecb.state.tx.us	www.aie.org
College Applications	College websites	www.applytexas.org	www.commonapp.org
College Planning	www.bridges.com	www.aie.org	www.thecb.state.tx.us
College Search	www.bridges.com	www.collegesearch.com	www.petersons.com
Cost of Education	www.thecb.state.tx.us		
CSS Financial Profile	www.collegeboard.com		
Degrees Offered	www.bridges.com	College websites	
FASFA Help	www.fafsa.ed.gov		
Financial Aid	www.fafsa.ed.gov	www.salliemae.com	www.thecb.state.tx.us
NCAA Info/ Registration	www.ncaa.org		
SAT Registration	www.collegeboard.com		
SAT Sample Questions	www.collegeboard.com		
SAT National Test Dates	www.collegeboard.com		
SAT (Sending Scores)	www.collegeboard.com		
Scholarships	www.thecb.state.tx.us	www.fastweb.com	www.petersons.com
Texas Colleges	www.thecb.state.tx.us	College websites	
THEA	www.thea.nesinc.com		

HELPFUL HINTS FOR A VIST TO A COLLEGE CAMPUS/JOB SHADOWING

Important Note: Students may have two college visits per year during their Junior and Senior years, with two weeks prior approval from their grade level assistant principal and a letter from the college or university verifying the visit. The letter will need to be turned into the Attendance Clerk the next school day.

Preparing for a College Campus Visit

Know Before You Go

It may be tempting to just yell "road trip!" and head out to campuses, but you will get more out of your visits if you plan ahead.

Research the College

It is important to know something about the college before you arrive on its campus, especially if you have an interview scheduled.

• Review the colleges' website, books, course catalogs, and any other materials the college sends to prospective students.

• Spend some time surfing their website.

• Talk to currently enrolled students or alumni about their college. Some college websites let you contact them online, or you can get their contact information from the admission office.

Scheduling Your Trip

Pick a time that is convenient to you, but try to go when classes are in session. That way, you can sit in on a lecture or stay in a dorm overnight. You will only get a true feel for the campus if you are there on a day when classes are in full swing.

Schedule your time on campus, too, to make sure you will have time for everything you want to do:

• Find out how often college tours run, and if you have to sign up in advance.

• Be sure to get a map of the school. You do not

Campus Visit Checklist

Make the Most of Your Trip

Here are things you should not miss while visiting a college. Take a look at this list before planning campus trips to make sure that you allow enough time on each campus to get a sense of what the school life of its students is really like:

• Take a campus tour.

• Have an interview with admissions officer.

• Get business cards and names of people you meet for future contacts.

• Pick up financial aid forms.

• Participate in a group information session at the admissions office.

• Sit in on a class of a subject that interests you.

• Talk to a professor in your chosen major or in a subject that interests you.

• Talk to coaches of sports in which you might participate.

• Talk to a student or counselor in the career center.

• Spend the night in a dorm.

• Read the student newspaper.

• Try to find other student publications – department newsletters, alternative newspapers, literary reviews.

• Scan bulletin boards to see what day-to-day student life is like.

want to spend half your day trying to park or find the admission office. • If an interview is suggested, make an appointment. Also, consider meeting with the financial aid officer. • If you are curious about a club, program, or a sport, arrange to attend a practice, rehearsal, or meeting.	• Eat in the cafeteria. • Ask a student why he/she chose this college. • Wander around the campus by yourself. • Read for a little while in the library and see what it is like. • Search for your favorite book in the library. • Ask a student what he/she hates about the college. • Ask a student what he/she loves about the college. • Browse in the college bookstore. • Walk or drive around the community surrounding the campus

Pack a Camera and Notebook

Was it X College or Y University that had that excellent exercise equipment in the gym? Where did I talk to that cool psychology professor? You think you will remember everything, but you will be surprised how colleges start to merge after you have seen a few.

What is Important to You

Make a list of what college characteristics are most important to you, so you know what to evaluate. Do you feel overwhelmed in a large lecture hall? Checkout the class size. Do you have your heart set on joining a sorority or fraternity? See what the Greek system is like on campus. Is there a particular major that you want to pursue? Talk to current students or professors in that department.

COLLEGE TIMELINE GRADES 8-10

GRADE 8

_____ Consult 8th grade counselor and teachers for appropriate course selections.

_____ Choose the most appropriate graduation plan for your proposed post-high school endeavors.

_____ Attend student/parent evening programs for high school/college planning.

_____ Complete your 8th grade Individual Academic Career Plan (IACP) and four year graduation plan.

GRADE 9 – FRESHMAN YEAR

_____ Plan your high school program of studies with your parents.

_____ Do the career assessment on www.bridges.com to identify which career fields you might be interested in.

_____ Check out college websites or request college catalogs from colleges of interest to you and plan your high school program of studies accordingly.

_____ Refer to "Helpful Websites" on page 81 for additional resources.

_____ Begin researching your career choices and the educational requirements of each.

_____ Attend military academy presentation in your regional area.

_____ Develop good study habits.

_____ Participate in a variety of extracurricular activities.

_____ Visit the "Go Center" for information about careers and college.

_____ Choose your 10th grade year courses wisely!

_____ Attend College Night with your parents.

_____ Meet with college representatives as they visit your school.

GRADE 10 – SOPHOMORE YEAR

AUGUST

_____ Check credits to make sure you are on schedule for graduation requirements.

_____ Check to make sure your courses meet college entrance requirements.

SEPTEMBER

_____ Review for the PSAT/NMSQT. Study the PSAT/NMSQT Student Bulletin and old tests. Use computer software and printed aids for study and review additional materials at www.collegeboard.com.

OCTOBER/NOVEMBER

_____ Refer to *"Helpful Websites"* on page 78 for additional resources.

_____ Take the PSAT/NMSQT for practice. On the test form, check the box which will put you on the mailing list for college information.

_____ Attend College Night program with your parents.

DECEMBER/JANUARY

_____ Plan a program of study for your junior year with your counselor. Learn about opportunities to earn college credit or advanced placement (College Board Advanced Placement Testing). Take as many academic courses as possible.

_____ Study your PSAT/NMSQT score report. Compare items missed with the correct responses.

_____ Attend District Financial Aid Night with your parents.

_____ Attend programs about Dual Credit options at your high school campus.

THROUGHOUT THE YEAR

_____ Continue taking appropriate courses.

_____ Maintain good grades.

_____ Gather and review information about colleges.

_____ Investigate costs of various college programs.

_____ Continue to review career choices. Check out materials.

_____ Choose 11th grade year courses wisely!

_____ Explore opportunities for college dual-enrollment credit.

_____ Meet with college representatives as they visit your school.

_____ Participate in community activities and keep log documenting hours served.

_____ Seek ways to develop your leadership skills.

COLLEGE TIMELINE FOR JUNIORS

AUGUST/SEPTEMBER

_____ **Review** high school coursework and activity plans. Consider graduating on the highest graduation program – the Distinguished Achievement Program. See your counselor for details.

_____ *Remember, colleges are looking for the following*:

- Challenging coursework
- Strong GPA
- Involvement in extracurricular activities

_____ Consider taking an **SAT** course to prepare for upcoming SATs.

_____ **Attend College Night.**

_____ Put together a **list** of 10 **colleges** you are interested in. Plan to apply to at least 3-5 schools.

_____ Talk to your parents and high school counselor about where you want to go to school.

_____ Study and register for the **PSAT** (Preliminary SAT). See your counselor for details. Check out additional practice materials at www.collegeboard.com.

OCTOBER

_____ Take the **PSAT/NMSQT**. (Remember to *take your calculator*.)

NOVEMBER

_____ Look into eligibility requirements for federal and private student loans.

_____ Refer to *"Helpful Websites"* on page 81 for additional resources.

_____ **Attend** Financial Aid night. Check with your counselor for dates and times.

JANUARY

_____ **PSAT*** score report should be in. Use the guide to interpret and understand your score.

_____ **Plan to take the SAT*, SAT Subject Tests*, or ACT* exams if necessary**. Check with the colleges you're applying to for specific testing requirements. Pick up registration forms in the counseling office.

_____ If you plan to apply for a ROTC scholarship or admission to a service academy, write for application packets.

_____ **Read catalogs** or visit the web sites of the 3-5 colleges that interest you most. Consider college visits for next year.

FEBRUARY

_____ **Register** and study for the **SAT* and/or ACT*** exams.

MARCH/APRIL

_____ Plan a college visit during Spring Break.

_____ Begin investigating outside funding resources of **financial aid**.

_____ Check credits to make sure you are on schedule for graduation requirements.

_____ Plan a program of study for your senior year with your counselor.

_____ Register for AP tests.

_____ Register for college entrance tests (SAT*, ACT*, SAT Subject Tests*).

_____ Begin working on your **"Resumé,"** listing awards, extracurricular activities, work experience, and other pertinent information.

MAY

_____ Take the **SAT* and/or ACT*** exam. It is critical to take a college admissions test before your senior year.

_____ Take SAT Subject* test if needed.

_____ Take any **AP exams** you have registered for.

_____ Consider **scheduling college visits** for summer months if possible.

_____ Register with the NCAA Clearinghouse if you are planning to play sports at the collegiate level. www.ncaa.org

JUNE

_____ Obtain a summer **job** that might be related to your career interests.

_____ Look for **volunteer** opportunities.

_____ **Save** money, if possible, to help pay for college costs.

_____ Schedule college visits if you can coordinate it with travel plans.

_____ Keep a record of the advantages and disadvantages of each college.

_____ Request catalogs, applications, financial aid information, and specific information about your proposed major area of study. Check catalogs for SAT Subject Tests or ACT requirements.

_____ Create a list of persons who you will ask to write a letter of recommendation for you.

COLLEGE TIMELINE FOR SENIORS

AUGUST/SEPTEMBER

_____ Refer to *"Helpful Websites"* on page 78 for additional resources.

_____ Meet with your guidance counselor to review your records and complete your senior contract.

_____ Register with **NCAA Clearinghouse** if you are planning to play college sports.

_____ Register for **ACT* or SAT*** or **SAT Subject*** tests if necessary. (If you miss the first fall test date, your next opportunity may be too late to send scores to your college choices.)

_____ Complete **senior resumé forms** to be used for recommendations. If you will need recommendations written for your applications, contact those teachers, counselors, or other individuals this month.

_____ Narrow **college choices** to a few schools and write for applications. Your selection should include at least one that you feel will definitely accept you.

_____ Pick up the **"Texas Common Application"** from the Counseling Center if you are applying to any Texas Public University. Apply online at www.applytexas.org. A universal "Common Application" is also available for private colleges.

_____ Download application materials/financial aid information if you have not already done so.

_____ Apply for any and all **scholarships** for which you qualify. Check the counseling office weekly for additional scholarship opportunities. See *"Helpful Websites"* on page 81 for possible scholarship searches.

_____ If your college or scholarship applications require **essays**, **GET STARTED**. Choose an English teacher to help you critique your work.

_____ Talk with teachers and other individuals who know you well regarding recommendations.

_____ Check college catalogs and websites for deadline dates for application for admissions, housing, financial aid, required entrance exam (SAT* or ACT*) and acceptable financial aid form (FAFSA or Profile).

_____ Begin processing college application forms.

_____ If you are a candidate for early decision, file your application in time to meet that deadline. Also be sure to check the LAST acceptable test date for an early decision candidate.

_____ Continue preparation for SAT* or ACT* tests.

_____ Schedule college tours. Call or write ahead for an appointment. Seniors will have the opportunity for 3 college visits. See page 79 for "Helpful Hints" when visiting colleges.

_____ Meet with college representatives when they visit your high school.

_____ Maintain good grades.

OCTOBER

_____ **Attend College Night.**

_____ Continue processing application and recommendation forms to guidance counselors and teachers for completion of their sections. (Teachers and counselors are asked to write numerous recommendations **- always allow at least three weeks** for them to complete recommendations.)

_____ Arrange for transcripts and recommendations to be sent to colleges. Provide a stamped, self-addressed envelope, if needed. Colleges prefer to receive the entire application package together.

_____ Continue to fill out application forms. On-line applications are preferable for many colleges. Be sure to follow the directions. Many colleges require essay responses. Allow yourself ample time to do a good job. Use spelling and grammar software to check your essay.

_____ Meet application deadlines for early decision or early action (usually November 1), housing, scholarships, or financial aid as stated by each college. CAUTION: these deadlines may vary by college or university.

_____ Take/retake the SAT* or ACT*, if necessary.

_____ Find out the SAT Subject Tests* requirements of your college choices. If required, register to take SAT* subject tests on a date when you will NOT be taking the SAT*. **You are not permitted to take the SAT* and SAT Subject Tests* on the same date.**

_____ Continue to mail college application forms, even if you have submitted an early decision or early action application.

NOVEMBER

_____ Continue to study hard because your first semester senior year grades are very important. Most colleges request a copy of your 1st semester senior grades for admission consideration.

_____ Continue to complete college applications for admissions. Follow up on letters of recommendation.

_____ Request transcripts as needed. Copy ALL forms before you mail them. Mail to meet deadlines as stated by colleges and universities.

_____ Take/retake ACT*, SAT* or SAT Subject Tests* if necessary.

_____ All recommendations that have deadlines through January 15 must be submitted to the counselor byDecember 1.

_____ Attend District Financial Aid Night with your parents.

DECEMBER

_____ Look back over your timeline to be sure you have completed each step in the college admissions process.

_____ Most application(s) should be mailed before January first.

_____ Request that SAT* or ACT* scores be sent to all colleges to which you have applied. If you did

not list them when you registered for the tests, fill out the special form for additional college scores. These forms are available in the counseling office. These scores may be ordered by telephone or on the ACT* or College Board websites.

_____ Expect notification of early decision acceptance or deferral by December 15.

_____ Take the SAT Subject Tests* that are required by the colleges of your choice. (You signed up for these in October.)

_____ Ask your parents to begin gathering their financial information.

_____ The Federal Application for Financial Aid (FAFSA) or College Scholarship Service Profile must be filed January 1st or later.

_____ Consider completing your FAFSA on the web for a faster response from the government (www.fafsa.ed.gov).

JANUARY

_____ Complete financial aid forms as needed (Profile/ FAFSA). Mail as soon after January 1 as possible. Mail any supplemental financial forms required by the colleges of your choice.

_____ Research scholarships and loans.

_____ Check with your guidance counselor to make sure that any mid-year reports are completed and returned to colleges which request them.

FEBRUARY

_____ Keep your grades up . . . finish strong . . . remember that you will be accepted to college **"Pending the successful completion of your 12th grade course work."**

_____ Check deadline dates for financial aid/scholarship grants. Many forms are due March 1.

MARCH

_____ Register for AP tests as appropriate.

APRIL

_____ Look for acceptance notices. April 1st is the most popular date for colleges to notify students.

_____ Carefully choose your college and write the college a letter of acceptance, which the college should receive before May 1.

_____ Write other colleges to decline their acceptance (also before May 1).

_____ If you are wait-listed and wish to be kept in consideration, be sure to advise the college in writing.

_____ If all colleges send rejections, don't panic! There are several alternatives. See your counselor immediately to explore other possibilities.

_____ Finalize plans for housing, financial aid, and/or scholarships.

_____ Make any deposit required by the institution you plan to attend. May 1st is the generally accepted nationwide deadline for deposits for fall term. Be sure to check with your college for their exact requirements.

MAY

_____ Make final choice of college or university, if you have not already done so. Complete all details concerning college admissions.

_____ Notify your counselor of your final college choice and whether you have been awarded any scholarships (academic, athletic, artistic, dramatic, or musical— **NOT LOANS**.)

_____ Complete Final Transcript and Scholarship form.

_____ Take AP test(s) as previously decided.

JUNE

_____ Attend graduation ceremonies and celebrate. **HAVE A HAPPY GRADUATION!**

_____ If you have not already requested that your AP Exam scores be sent to the college that you will be attending, request College Board to do so. www.collegeboard.com

_____ Participate in the orientation program of the college you will attend. This may have occurred in the spring, during the summer or just prior to the fall term.

_____ Consider taking College Level Examination Program (CLEP) exams when you get to college.