



2024-2025

North East ISD

High School

**Academic Planning
Guide**

& Course Catalog

In accordance with Title VI-Civil Rights Act of 1964, Title IX-Education Amendment of 1972, Section 504- Rehabilitation Act of 1973, and Title II of the Americans with Disabilities Act of 1992, the North East Independent School District does not discriminate on the basis of race, color, national origin, age, sex or handicap.

Please be advised that this Course Catalog is contingent on future decisions of the Texas Education Agency, State Board of Education, Texas Legislature and/or North East Independent School District. If changes occur the online catalog will be updated. This document is updated as information becomes available. This guide is intended as a reference and does not replace policy.

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Introduction

This guide has been developed to assist North East ISD students and families in making informed decisions concerning programs and course choices throughout high school. Students should carefully choose courses that will both challenge them and meet their needs.

Students are expected to enroll in a full class load. A full class load for students in grades 9-11 is enrollment and attendance in seven credit classes. Students in 12th grade must be enrolled and in attendance in a minimum of six credit classes.

General Information

Course Availability

Courses listed in this guide are not offered at all high school campuses. Some courses listed in this guide may not be offered every semester and/or every year. A student may not be able to enroll in every class he/she planned to take during a semester. For this reason, the student should talk with his/her counselor about alternate courses during the course planning process. If a student fails to select alternate course choices, they will be placed in classes based upon needed credits for graduation, established Program of Study, 4-year plan choices, coherent sequence and endorsement options, and available space.

Schedule Changes

Students select their courses in the spring semester for the upcoming school year, and the master schedule will be based on that information. The master schedule is built, faculty and staff are hired, and room assignments are made based on student choices. Students will be able to see and change their course requests pending availability through **May 31, 2024** by contacting their counselor. After this date, no course changes are allowed.

In order to schedule efficiently, student schedules will not be changed to select different teachers, lunch periods, or alternate courses. Teacher change requests will only be considered if a student previously failed a course with the same teacher and if another teacher is available.

Schedule corrections will be considered as soon as possible and only for the following reasons:

- The student is a senior and does not have a course required for graduation.
- The student does not have the prerequisites for a course.
- Course credit was previously received
- A data entry error made by the school (i.e.- two third-period classes, or a schedule that does not contain the full number of classes.)
- The student has been dismissed from a program where approval must be granted for placement.

Dropping Course

Students and parents should give careful consideration in choosing courses since changes will not be granted after the last day of school of the current school year.

Honors, Dual Credit/Enrollment, and Advanced Placement AP® classes may be dropped up to the 9-week mark of a course or at the end of the semester. The decision to make a level change will need to be made between the teacher, parents and school administration in the best interest of the student. Students are required to follow campus procedures regarding level changes. Campus administration has final approval on all level changes.

Please note: “WD” is assigned as a result of the student’s request to withdraw from a course after the first four calendar weeks of a course. “WD” as a semester average is calculated as a “0” for the purpose of class rank. All schedule changes are to be completed by the first four calendar weeks of a course, and no student should withdraw from a course after the first four calendar weeks of a course.

Athletics-Physical Education Equivalent Course Numbers

Athletics

Credit: 1.0

Grade Placement: 9-12

Prerequisites: Participation in specific athletic programs as follows

Sport	Course Numbers	Sport	Course Numbers
Football	7301, 7302, 7303, 7304	Wrestling	7279, 7280, 7281, 7282
Basketball Boys	7311, 7312, 7313, 7314	Golf	7351, 7352, 7353, 7354
Basketball Girls	7315, 7316, 7317, 7318	Swimming	7361, 7362, 7363, 7364
Baseball	7322, 7323, 7324, 7325	Diving	7365, 7366, 7367, 7368
Cross Country	7327, 7328, 7329, 7330	Volleyball	7371, 7372, 7373, 7374
Track Boys	7331, 7332, 7333, 7334	Soccer Boys	7390, 7391, 7392, 7393
Track Girls	7335, 7336, 7337, 7338	Soccer Girls	7394, 7395, 7396, 7397
Tennis	7341, 7342, 7343, 7344	Softball	7310, 7319, 7320, 7321
Water Polo	7375, 7376, 7377, 7378		

Physical Education Substitutes

- Athletics
- Marching Band
- ROTC
- Dance Team
- Drill Team
- Pep Squad
- Cheerleading
- Private or Commercially-Sponsored Physical Activity

***No more than four substitutions may be earned through any combination of allowable substitutions.**

Off-Campus PE

North East ISD offers Off-Campus Physical Education for middle and high school students who compete at a national to Olympic level in a sport that is not currently offered at NEISD schools through the PE or Athletic Departments. Interested students may visit the Off-Campus Physical Education [website](#) for more information and eligibility. Check the website for application deadlines. Currently approved and new OCPE students must apply each school year and must be approved before enrolling in this course. Off-Campus Physical Education satisfies physical education requirements in both middle and high school and may count as a State Elective credit in high school.

Correspondence, Virtual & Distance Courses

All high school students may take correspondence, distance, and virtual courses and earn credit toward graduation. Students may choose to take correspondence, distance, and virtual courses outside the school day at their own expense. Credit toward state graduation requirements shall be granted under the following conditions:

- The institution offering the course is The University of Texas (UT), Texas Tech University, Texas Virtual School Network (TxVSN), or other public institution of higher education approved by the Commissioner of Education.
- The course includes the state-required Texas Essential Knowledge and Skills for such a course.

If the intent of a correspondence, distance or virtual course is to earn credit towards graduation, students are highly encouraged to speak with their counselor prior to enrolling. North East ISD recommends that any correspondence, distance, or virtual courses required for graduation are completed by the end of the fall semester of a student's senior year.

Grades earned through correspondence courses will be calculated in GPA. Student athletes who are considering correspondence, distance or virtual courses must check with the NCAA to inquire if a course of this type is acceptable as part of the NCAA core curriculum requirements. Please visit the NCAA website www.eligibilitycenter.org for additional information.

A correspondence course is not considered completed until the final grade is recorded on the student's NEISD transcript.

Credit By Exam

Credit by Examination - Without Prior Instruction

Students are eligible to take examinations for acceleration which have been developed or purchased by the district. **Students can earn credit for an academic subject in which the student has received no prior instruction if the student scores 80 or above on a criterion-referenced examination for acceleration in the applicable course.** If such credit is approved and completed, the score is entered on the student's transcript.

District Administration of Credit by Examination - Without Prior Instruction

- For district testing dates, please check the assessment website located at [Testing Services / Credit By Exam](#)
- The District does not charge for examinations taken on NEISD CBE administration dates.
- Exam registration and approval is obtained through the student's counselor.

Credit by Examination - With Prior Instruction

Students are eligible to take examinations for recovery of credit which have been developed or purchased by the district. **Students who have received previous instruction in a course may earn credit by scoring at least a 70 on a test covering the appropriate essential knowledge and skills. If such credit is approved and completed the score is entered on the student's transcript.** Examples of prior instruction can include: incomplete coursework due to a failed course or excessive absences, correspondence courses or independent study supervised by a teacher. Credit by examination is not to be used to gain eligibility for participation in extracurricular activities.

Summer School

Certain courses are offered during summer school for credit recovery or for initial credit. The number of students who enroll determines actual courses offered. Tuition is set by the district and is charged for each summer course. Contact your campus counselor for more information. Information should also be available on the district website as early as March prior to June start.

STAAR End-of-Course (EOC) Assessments

The state of Texas requires that students achieve satisfactory performance on five required EOC assessments to be eligible to receive a high school diploma. The five required EOC assessments are the following: English I, English II, Algebra I, Biology, and U. S. History.

Graduation Programs and Requirements

The prescribed program for ALL NEISD students is the Distinguished Level of Achievement. Any student considering graduation on the Foundation High School Program without earning an endorsement must see a counselor. Written parent/guardian permission on an official TEA form is required.

Course Required for Foundation High School Program (FHSP)	Foundation High School Plan	FHSP Credits + Endorsement Credits	FHSP Credits + Distinguished Level of Achievement (requires completion of at least one Endorsement)
English	English I,II, and III Advanced English Course 4 Credits	English I,II, and III Advanced English Course 4 Credits	English I,II, and III Advanced English Course 4 Credits
Math	Algebra I, Geometry, and one Advanced Math courses 3 Credits	Algebra I, Geometry, & two Advanced Math Courses 4 Credits	Algebra I, Geometry, Algebra II, & an additional Math Course 4 credits
Science	Biology, IPC, Chemistry or Physics & an Advanced Science Course 3 Credits	Biology, IPC, Chemistry or Physics, & two Advanced Science Courses 4 Credits	Biology, IPC, Chemistry or Physics, & two Advanced Science Courses 4 Credits
Social Studies	World Geography or World History. U.S. History, U.S. Government (.5 credit) & Economics (.5 credit) 3 Credits	World Geography or World History. U.S. History, U.S. Government (.5 credit), & Economics (.5 credit) 3 Credits	World Geography or World History. U.S. History, U.S. Government (.5 credit), & Economics (.5 credit) 3 Credits
Physical Education	1 Credit	1 Credit	1 Credit
Health	.5 Credit	.5 Credit	.5 Credit
Languages Other Than English	LOTE 2 credits in the same language	LOTE 2 credits in the same language	LOTE 2 credits in the same language
Fine Arts	1 Credit	1 Credit	1 Credit
Electives	4.5 Credits	6.5 Credits	6.5 Credits
Total Credits	22 Credits	26 Credits	26 Credits

Endorsement Pathways

[Link to NEISD Programs of Study](#)

Arts and Humanities Endorsement				
<p>A student may earn an Arts and Humanities Endorsement by completing foundation and general endorsement requirements. In addition, students must complete one of the Program of Study requirements listed below. With written permission of the parents, a student may substitute a course from ELA, Social Studies, LOTE or Fine Arts for the 4th science requirement.</p>				
Languages Other Than English (Option 1) Program of Study	Languages Other Than English (Option 2) Program of Study	Fine Arts Program of Study	English Program of Study	Social Studies Program of Study
4 Credits Required	4 Credits Required	4 Credits Required	6 Credits Required	5 Credits Required
<p>Choose 4 credits of the same language:</p> <ul style="list-style-type: none"> American Sign Language I-IV Chinese I-IV French I-V German I-IV Japanese I-IV Latin I-V Spanish I-V 	<p>Choose 2 credits of the same language and 2 additional credits of another language:</p> <ul style="list-style-type: none"> American Sign Language I-IV Chinese I-IV French I-V German I-IV Japanese I-IV Latin I-V Spanish I-V 	<p>Two levels of the same discipline in two or more Fine Arts disciplines:</p> <ul style="list-style-type: none"> Art Band Cheer Choir Dance Flags Orchestra Instrumental Ensemble Technical Theatre Theatre 	<p>Required - 3 credits:</p> <ul style="list-style-type: none"> English I English II English III <p>Choose 3 additional advanced English credits:</p> <ul style="list-style-type: none"> English IV Independent Study in English Literary Genres Creative Writing Research and Technical Writing Humanities Communication Applications AP English Literature 	<p>Required - 1 credit</p> <ul style="list-style-type: none"> W. Geography, Human Geography or W. History <p>Required - 2 credits</p> <ul style="list-style-type: none"> US History Government Economics <p>Choose 2 additional advanced Social Studies credits:</p> <ul style="list-style-type: none"> Model UN AP Microeconomics AP Research AP Seminar Special Topics Advanced Sociology Anthropology AP European History Psychology Philosophy Ethnic studies AP Psychology

Science, Technology, Engineering, & Mathematics (STEM) Endorsement		
Students must complete Algebra II, Chemistry, & Physics to earn a STEM Endorsement.		
Advanced Math	Advanced Science	Biomedical Science Pathway
Engineering Pathway	Programming & Software Development Pathway	

Multidisciplinary Endorsement				
A student may earn a Multidisciplinary Endorsement by completing foundation and general endorsement requirements. In addition, students must complete one of the Program of Study options listed below.				
16 Credits Required (Option 1) Four credits in each of the foundations areas to include English IV, Chemistry and/or Physics				4 Credits Required (Option 2)
Required Courses: 4 credits of English <ul style="list-style-type: none"> English I English II English III or AP English III English IV or AP English IV 	Required Courses: 4 credits of Math <ul style="list-style-type: none"> Algebra I Geometry Choose additional credits from the following: <ul style="list-style-type: none"> Algebra II Pre-Calculus Math Models with Applications Advanced Quantitative Reasoning Statistics AP Statistics AP Calculus AB AP Calculus BC College Algebra OnRamps/DC Engineering Mathematics AP Computer Science A College Prep Math Independent Study in Math Math Apps in Agriculture, Food & Natural Resources 	Required Courses: 4 credits of Science <ul style="list-style-type: none"> Biology Chemistry OR Physics Choose additional credits from the following: <ul style="list-style-type: none"> AP/OnRamps Biology AP Chemistry AP Environmental Science AP/OnRamps Physics I AP/OnRamps Physics II AP Physics C Aquatic Science Astronomy Earth & Space Science Environmental Systems Integrated Physics & Chemistry (IPC) Organic Chemistry Science & Technology 	Required Courses: 4 credits of Social Studies <ul style="list-style-type: none"> World Geography/AP Human Geography AND/OR World History/AP World History US History or AP/OnRamps US History Government or AP Government Economics or AP Macroeconomics Choose 2 additional credits if needed:: <ul style="list-style-type: none"> AP European History AP Microeconomics AP Psychology Psychology AP Research AP Seminar Anthropology African American Studies Mexican American Studies Personal Financial Literacy Sociology Advanced Sociology Model UN I Model UN II Model UN III Philosophy Ethnic Studies Special Topics 	Required Courses: 4 credits of Advanced Placement, OnRamps or Dual Credit

Science, Technology, Engineering, & Mathematics (STEM) Endorsement		
<i>Students must complete Algebra II, Chemistry, & Physics to earn a STEM Endorsement.</i>		
Advanced Math	Advanced Science	Biomedical Science Pathway
Engineering Pathway	Programming & Software Development Pathway	

Business & Industry Endorsement		
Agriculture, Food, & Natural Resources Programs	Architecture & Construction Programs	Arts, A/V, & Communications Programs
4 Credits Required	4 Credits Required	4 Credits Required
<ul style="list-style-type: none"> Agribusiness Animal Science Applied Agricultural Engineering Environmental & Natural Resources Food Science & Technology 	<ul style="list-style-type: none"> Architectural Design Carpentry Electrical HVAC Plumbing 	<ul style="list-style-type: none"> Digital Communications Design & Multimedia
Business, Marketing, & Finance Programs	Hospitality & Tourism Programs	Manufacturing Programs
<ul style="list-style-type: none"> Accounting & Finance Business Management Entrepreneurship Marketing Sales 	<ul style="list-style-type: none"> Culinary Arts 	<ul style="list-style-type: none"> Adv. Manufacturing & Machinery Mechanics
Transportation & Distribution Logistics		
<ul style="list-style-type: none"> Automotive Diesel & Heavy Equipment 		

Science, Technology, Engineering, & Mathematics (STEM) Endorsement		
<i>Students must complete Algebra II, Chemistry, & Physics to earn a STEM Endorsement.</i>		
Advanced Math	Advanced Science	Biomedical Science Pathway
Engineering Pathway	Programming & Software Development Pathway	

Public Services Endorsement		
Education & Training Programs	Health Science Programs	Human Services Programs
<ul style="list-style-type: none"> Early Learning Teaching & Training 	<ul style="list-style-type: none"> Healthcare Therapeutics Certified Medical Assistant Certified Nurse Aide Certified Pharmacy Technician Emergency Medical Technician Registered Dental Assistant 	<ul style="list-style-type: none"> Cosmetology Family & Community Services
Law & Public Safety Programs		
<ul style="list-style-type: none"> Law Enforcement 		

College and Career Readiness

NEISD is committed to helping all students prepare for their future college and/or career opportunities. Students will experience challenging academic standards and will be provided opportunities to develop knowledge and skills needed to further their education and succeed in post-secondary education, workforce, and/or training.

While in high school, students will have the opportunity to demonstrate College, Career, and/or Military readiness through one or more of the following way:

College and Career Readiness	
College Ready	Meet Texas Success Initiative (TSI) criteria in ELAR and Math <i>SAT, ACT, TSIA or College Prep Course</i>
	Meet AP/IB criteria <i>Earn a 3 on AP exam any subject or 4 on IB exam any subject</i>
	Earn Dual Course Credits <i>Earn at least three college credit hours in ELA or mathematics or at least nine college credit hours in any subject</i>
	Complete OnRamps Dual Enrollment Course <i>Complete a dual enrollment course qualifying for at least 3 hours of college credit in any subject</i>
	Earn an Associate Degree <i>Degree must be completed prior to graduation from high school</i>
	Earn a Level I or Level II Certificate <i>Level I or Level II certificate in any workforce education area</i>
Career Ready	Complete CTE program of study and earn an approved aligned Industry Based Certification (IBC)
	Graduate with completed IEP and Workforce Readiness <i>A graduate that has completed their IEP and has either demonstrated self-employment with self-help skills to maintain employment or has demonstrated mastery of specific employability and self-help skills that do not require public school services</i>
	Graduate under Advanced Degree Plan <i>A graduate who is identified as receiving special education services during the year of graduation and whose graduation plan type is identified as a Recommended High School Plan (RHSP), Distinguished Achievement Plan (DAP), Foundation High School Plan with an Endorsement (FHSP-E), or Foundation High School Plan with a Distinguished Level of Achievement (FHSP-DLA)</i>
Military Ready	Enlist in the US Armed Forces or Texas National Guard <i>Verification of enlistment will be required</i>

Honors Courses

The recommendations provided in this catalog for grade placement offer the greatest possibility for student success. A student's "cohort" is the group of students who entered the ninth grade in the same year. Students within the same cohort will all follow the same rules regarding allowable course choices and course sequencing.

NEISD offers Honors courses in many subject areas at every grade level in high school. These courses are designated as "Honors" and designed for students to pursue challenging curriculum in any subject area as well as to prepare students for future enrollment in college level courses. In addition to all Texas Essential Knowledge and Skills, Honors courses offer an enrichment of the regular curriculum taught through a variety of strategies. Although not required, Honors courses in the 9th and 10th grade are designed to prepare students to be successful in future college preparatory courses and/or college level courses.

NEISD offers Honors courses to all students in grades 9-12 using an open enrollment policy. Any student may enroll in Honors courses, and students are strongly encouraged to take as many Honors courses as possible, as long as the student and the parents are willing to commit to the program. When making the decision to take Honors courses, consider the demands of academic and extracurricular involvement. Students who choose to enroll in one or more of the Honors courses must complete an [NEISD ADVANCED LEVEL COURSE AGREEMENT](#), and submit the completed form as directed by the campus. Students enrolled in Honors, AP and/or G/T courses may have a required summer reading assignment.

Advanced Placement (AP) Courses

The recommendations provided in this catalog for grade placement offer the greatest possibility for student success. A student's "cohort" is the group of students who entered the ninth grade in the same year. Students within the same cohort will all follow the same rules regarding allowable course choices and course sequencing.

NEISD offers open enrollment in all AP and On Ramps courses to students in the third- and fourth-year cohorts who are typically, but not always, juniors and seniors by grade level. Accordingly, students in the third and fourth cohort may take as many AP or On Ramps courses as they wish.

Students who enter 9th grade in the 2021-22 cohort and beyond may earn a total of three credits from AP/On Ramps courses cumulatively for the first two years.

College level courses are offered to NEISD students in many subject areas at every grade level in high school. The College Board's Advanced Placement (AP) Program offers high school students an opportunity to take college-level courses at NEISD ISD campuses, taught by NEISD teachers. In addition to all Texas Essential Knowledge and Skills, curriculum is rigorous and aligns with the expectations of college-readiness from College Board's AP Program.

Students taking AP courses in high school develop strong academic foundations and build skills for future academic success. When making the decision to take AP courses, consider the demands of academic and extracurricular involvement. AP courses are exceptionally demanding on students' time outside of the regular school day. Enrolling in one AP course is the equivalent of signing up for 3-4 college hours. Students who choose to enroll in an AP course must complete an [NEISD ADVANCED LEVEL COURSE AGREEMENT](#) and submit the completed form as directed by the campus. Students enrolled in Honors, AP and/or G/T courses may have a required summer reading assignment.

NEISD offers AP Courses in the following areas*:

Art	English & Capstone	History & Social Sciences	Mathematics & STEM	Sciences	World Language
<ul style="list-style-type: none"> • Art & Design Program • Art History • Music Theory 	<ul style="list-style-type: none"> • English Language & Composition • English Literature & Composition • Seminar • Research 	<ul style="list-style-type: none"> • Comparative Government • European Government • Human Geography • Macroeconomics • Microeconomics • Psychology • US Government • US History • World History: Modern 	<ul style="list-style-type: none"> • Precalculus • Calculus AB • Calculus BC • Statistics • Computer Science A • Computer Science Principles 	<ul style="list-style-type: none"> • Biology • Chemistry • Environmental Science • Physics 1 • Physics 2 • Physics C 	<ul style="list-style-type: none"> • Chinese Language & Culture • French Language & Culture • German Language & Culture • Japanese Language & Culture • Latin • Spanish Language & Culture • Spanish Literature & Culture

**Course offerings may vary by campus*

Students taking AP courses are encouraged to take the AP exams offered in the spring. These exams may demonstrate course completion to potential colleges and may be used for college credit and/or placement. By law, all Texas public colleges and universities must award course credit or placement to students who submit scores of 3 or higher on an AP exam. Students are encouraged to research both public and private colleges and universities for more information regarding their specific policy for awarding credit or placement for AP scores, including with the department of their intended major.

Dual Credit and Dual Enrollment

NEISD offers multiple college credit programs, allowing students opportunities to experience post-secondary education, and earn credits, while still in high school. Students participating in these programs will have an authentic entry point to college, and college expectations, as well as opportunities to develop and apply skills to be successful with college and career goals. Students who participate in dual credit and/or dual enrollment may earn college credits, thereby developing a transcript that may be transferred to other Texas public colleges and universities, while also potentially accelerating post-secondary degree completion and reducing future tuition fees and costs.



Dual Credit Course Program – Alamo Colleges

Alamo Colleges High School Programs Dual Credit allows high school students the opportunity to earn college credit while in high school through completion of dual credit courses.

To enroll in a dual credit course, students must follow the guidelines posted in the NEISD Dual Credit Handbook, including completing an ApplyTexas application and fulfilling the Alamo Colleges Common Entry Requirements.

Dual credit courses are taught by NEISD teachers who are credentialed as adjunct faculty through Alamo Colleges. Campus dual credit course offerings vary at each grade level and are contingent upon adjunct professor approval of the participating college.

Dual credit courses address high school TEKS as well as the Student Learning Outcomes (SLOs) for the accompanying Alamo College. Dual credit courses fulfill high school course requirements, will appear on the high school transcript, will appear on college transcripts, and are used in calculating grade point averages.

The college credit is awarded through the Alamo Colleges, not through NEISD. After high school graduation, students must request that a college transcript be sent from an Alamo College to the college/university that the student will attend for the college credit to be evaluated and the college credit(s) transferred. It is the student's responsibility to contact any other higher education institution regarding acceptance of these credits.



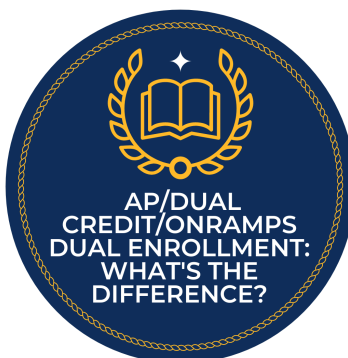
Dual Enrollment - University of Texas at Austin OnRamps

Dual enrollment courses offered through UT Austin OnRamps are available to NEISD students in many subject areas in high school. OnRamps courses are delivered using a hybrid distance learning model and are designed to allow students to engage in authentic college courses and earn college credit while still in the familiarity of the high school setting.

Students will meet rigorous college readiness standards and have the opportunity to earn and accept college credit from UT faculty at UT Austin, while also earning high school credit from an NEISD teacher.

All OnRamps course credits accepted by students will appear on a UT Austin transcript, can be applied to the Texas Common Core, and are guaranteed to transfer to any public post-secondary institution in Texas.

OnRamps courses do not require students to meet additional application or testing requirements. Campus dual enrollment OnRamps course offerings vary by grade level and by campus.



College Readiness and College Entrance Exams

College Board offers an SAT Suite of Assessments for the purpose of measuring and recognizing a student's progress toward college and career readiness. North East ISD currently administers the digital PSAT 8/9 to all 9th grade students and the digital PSAT NMSQT (National Merit Scholarship Qualifying Test) to all 10th and 11th grade students in the Fall.

These assessments are designed to systematically and progressively measure the knowledge, skills, and understandings that are essential for success in college and career. The benefits of taking the PSAT 8/9 are to provide students with a baseline of their college readiness in the areas of reading, writing, and math; to give them access to free, personalized practice through Khan Academy; and to begin to utilize college/career planning tools. The PSAT NMSQT is designed to continue to assess students' college readiness skills, providing additional practice; to aid high school counselors, CCMR specialists in advising sophomores and juniors as they plan for college; and to serve juniors who wish to be considered for scholarships administered by the National Merit Scholarship Corporation. Additionally, through the AP Potential tool (generated from students' PSAT scores), counselors are able to pinpoint students who are likely to succeed in more challenging courses, for which they may earn college credit.

PSAT exams will also prepare students to take the SAT or ACT, to be used for college admissions and/or college course placement.

College Admissions Exams

Colleges and universities use student performance on college entrance exams, ACT and/or SAT, for admissions decisions, course placement, and can be used to determine scholarship and financial aid awards. Colleges and universities use multiple factors when weighing admission decisions, which may include student performance on the ACT and/or SAT exams. Many colleges and universities continue to require submission of student test scores as part of the admissions application; however, some colleges and universities may have adjusted their admissions requirements* to become:

Admissions Testing Requirement	Impact on Admission Decisions
Test Optional	The decision to submit scores is up to the student Most test optional schools WILL consider SAT and/or ACT scores if they are submitted but will focus on other factors as well
Test Blind	Test scores will not be used in consideration as part of the application evaluation, even if submitted by student
Test Flexible	Students may choose which type of test(s) to submit with their application

**Course placement decisions may still require test scores even if admission decisions do not*

If a student applies to a college or university that does not require SAT or ACT for admissions, student scores may still be requested by the college or university for course placement considerations. SAT and ACT scores can be used to demonstrate readiness for college level work.

Texas Success Initiative (TSI) and College Course Placement

Texas law requires all students who wish to enroll in Texas public higher education institutions to meet college readiness standards in reading, writing and math. Students who do not meet TSI standards upon high school graduation will be required to pass developmental courses and/or corequisite course work at the college they are attending in order to start college-level coursework. Developmental and/or corequisite courses can be at an additional cost and do not count towards degree completion.

The TSI Assessment (TSIA) is an assessment designed to help Texas institutions determine if students are ready for college level coursework in reading, writing, and math. Students may demonstrate college readiness by demonstrating college readiness on using a TSIA2 score, SAT score and/or ACT score.

The following indicators may also be used for Dual Credit admissions and placement only:

- STAAR (EOC) English II scale score demonstrating college readiness
- STAAR (EOC) Algebra I scale score demonstrating college readiness
- PSAT NMSQT score demonstrating college readiness for approved courses

NEISD administers the TSIA2 to any interested student for entry into the dual credit program or for college placement as required by Texas public colleges and universities. All students who take the TSIA2 are required to complete a Pre-Assessment Activity and provide documentation of completion before testing.

College Prep Courses

North East ISD 12th grade students who have not yet demonstrated college readiness may have the opportunity to enroll in College Prep Math and/or College Prep English. Students who successfully complete these courses are TSI exempt for Math and/or English for one year allowing students to enroll in entry-level collegiate courses at the following institutions: Alamo Colleges, UTSA, and Texas A&M San Antonio.

Armed Services Vocational Aptitude Battery (ASVAB)

The Armed Services Vocational Aptitude Battery (ASVAB) Career Exploration Program facilitates career planning and exploration, combining a multiple-aptitude test with an interest self-assessment and wide range of career exploration tools. The ASVAB is a free test administered at each high school at least one time per school year. All students in grades 10, 11, and 12 have the opportunity to take the test. Students do not need to join the military to take the ASVAB.

Free Application for Federal Student Aid

The Free Application for Federal Student Aid (FAFSA) is the application used by students to apply for financial aid, such as federal grants, work-study, and student/parent loans (subsidized & unsubsidized) that can be used to pay for college or career programs. Additionally, the information provided on the FAFSA may be used to determine student eligibility for state and school based aid (such as scholarships, work-study programs) and by some private financial aid providers.

The FAFSA online application is made available at <https://studentaid.gov/h/apply-for-aid/fafsa>, generally beginning October 1 of each school year. The application should be completed by students during their senior year of high school, and students are encouraged to submit the FAFSA early as many colleges/universities have priority deadlines. The State of Texas has a January 15 priority deadline. Students should check the FAFSA deadline for each school to which they apply.

The FAFSA should be completed if you are a:

- U.S. Citizen
- Permanent U.S. resident with an Alien Registration Card (I-551)
- Conditional permanent U.S. resident with visa type I-551C
- Eligible noncitizen with an Arrival/Departure Record (I-94) showing you as a: (a) Refugee (b) Asylum granted (c) Parolee (d) Cuban-Haitian entrant.

The TASFA is the Texas Application for State Financial Aid is an alternative to the FAFSA for undocumented students in Texas. Texas allows undocumented students to apply for state financial aid and state tuition under certain conditions. More information on the TASFA can be found at www.highered.texas.gov/our-work/empowering-our-students/tasfa/. Students should contact their counselor for additional information on FAFSA and TASFA.

House Bill 3 passed by the Texas Legislature requires Texas students to complete a financial aid application, or formally opt out, in order to graduate. Beginning with the class of 2022, students are to complete one of the following as a requirement for graduation:

- Complete and submit a FAFSA
- Complete and submit a TASFA
- Complete a signed opt-out form

NEISD Rank in Class Policy

Rank in Class (Students entering high school in the fall of 2021 and beyond)

- Required courses for graduation, up to a maximum of 26 credits, taken in grades 9-12, through the end of the seventh semester will be used to calculate class rank. This will include credits for elective courses required for the:
 - Foundation High School Program-Distinguished Level of Achievement (FHSP-DLOA) regardless of what graduation program is pursued.
- Elective courses that produce the highest weighted grade will be used to calculate rank. Class rank will be based upon a weighted grade average (WGA).
- Weighted grade averages (WGA) are determined by multiplying each semester grade of a ranked course by a rank factor and computing an average. The rank factor recognizes differences in level of difficulty between Advanced Placement, Honors, and Regular coursework.

Course Level	Rank Factor
Advanced Placement (AP), and OnRamps/ Dual Credit AP	1.15
Honors, GT non-AP, and OnRamps/Dual Credit non-AP	1.08
Regular	1.00

- The weighted grade average (WGA) determines the rank in class. The student earning the highest WGA is ranked number one and all others take the following positions in increasing numeric order. Ties in rank will be broken using the most courses taken given a weight of 1.08 and/or 1.15.
- Students are ranked with the group of students with whom they entered grade nine, called their cohort.
- Official class standing will be issued to students following the sixth and seventh semesters of high school. Class rank is determined using a weighted system that supports academic achievement and rigor.
- **Only students in the top ten percent will receive a rank.**
- Summer school courses will be included in the calculation of class rank, including high school credits earned in the summer after grade eight.
- Courses that do not count for class rank include those that are taken:
 - More than once
 - For pass/fail
 - Through credit by exam
 - In middle school
 - For which no credit is available
 - Second semester of the final year
 - During summer foreign study

OVERALL WEIGHTED GRADE AVERAGE / HONOR GRADUATES

- Students achieving high standards of academic excellence shall be recognized at the graduation ceremony as honor graduates based on the following criteria:
 - Completion of the Foundation High School Program – Distinguished Level of Achievement (FHSP-DLOA) for students who enter HS in 2014-15 and thereafter;
 - Accumulation of a minimum of 52 semester classes of coursework by the time of graduation; and
 - Overall weighted grade average (WGA) for all courses taken in high school through the end of the seventh semester is greater than or equal to 90. The rank factor listed above is used to determine the overall weighted grade average.
- Honor graduates meeting the criteria specified above shall be designated as follows:

Honors Graduate Designation	Cumulative Grade Average
Summa Cum Laude	100+
Magna Cum Laude	95-99
Cum Laude	90-94

Grade Level Classifications

Students will be classified according to the number of credits earned. This is based on the 26 credits required for graduation.

GRADE CLASSIFICATIONS	CREDITS
Freshman	0-5.5 credits
Sophomore	6.0-11.5 credits
Junior	12.0-18.5 credits
Senior	19 credits

Senior Early Release Class Guidelines and Procedures for Students

Course #s: 7911 (period 1), 7917 (period 7) and 7918 (period 8)

- The periods assigned will depend on the availability of the other courses the student is taking.
- This course requires submission of a completed application and requires counselor approval.
- Students will be notified if approved for the program or not.
- Students may be released for one period and must be in class for second period.
- Students may apply for Early Release for only one semester if graduation requirements or UIL eligibility warrant it.
- Students and parents should be aware that Senior Early Release classes do not award credit or count in class rank.

The student must:

- be officially classified as a twelfth grader for the next school year,
- be able to complete remaining required credits during the school day in order to graduate on time,
- have passed all STAAR EOC exams,
- be enrolled as a full-time student,
- have no NC's (No Credit) for the second semester of the junior year,
- attend all scheduled classes,
- not be on any NEISD campus during the early release period(s) without written permission, and
- provide his/her own transportation (NEISD transportation will not be provided for students electing to participate in the Senior Early Release program), and complete and submit the application with the Course Selection Sheet.

Applications can be accessed by clicking the link below.

[2024-2025 Senior Release Guidelines with Application](#)

NEISD Course Descriptions

The following section provides general descriptions for high school courses offered in the North East Independent School District.

For each course, you will find:

Course Title

Course Description

NEISD Course Number

Credits indicates the maximum number of credits earned when the course is successfully completed.

Term indicates if the course is available for the full year or only for a semester.

Grade Placement is the recommendation that offers the greatest possibility for student success. Grade placement refers to a student's "cohort", which is the group of students who entered the ninth grade in the same year. Students within the same cohort will all follow the same rules regarding allowable course choices and course sequencing

Prerequisites reflect program, local, and state requirements as well as program, local and state recommendations.

Special Notes indicate additional information about the course.

Course offerings and course sequences for magnet programs are unique and may differ from those offered at traditional high schools.

Career & Technical Education Magnet Programs

Agriscience Magnet Program at Madison High School

Course:	ADVANCED ANIMAL SCIENCE						
Course Description:	Students acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. This course examines the interrelatedness of human, scientific, and technological aspects of animal science through field and laboratory experiences. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8269	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Required: Biology; Chemistry or IPC; Algebra I; Geometry; and Small Animal Management, Equine Science or Livestock Production Recommended: Veterinary Medical Applications						
Special Notes:	This course satisfies a high school science graduation requirement. Students must meet the 40% laboratory and fieldwork requirement. This course may require supply or certification fees.						
Course:	ADVANCED ENERGY AND NATURAL RESOURCE TECHNOLOGY						
Course Description:	Students attain academic skills and knowledge, acquire technical knowledge and skills related to energy and natural resources and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. This course is designed to explore the interdependency of the public and natural resource systems related to energy production. In addition, renewable, sustainable, and environmentally friendly practices will be explored.						
Course Number:	6771	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: A minimum of one credit from the courses in the Agriculture, Food, and Natural resources Career Cluster and Energy and Natural Resource Technology						
Special Notes:	This course may require supply or certification fees.						
Course:	ADVANCED FLORAL DESIGN						
Course Description:	Students build on the knowledge from the Floral Design course focusing on building skills in advanced floral design, providing students with a thorough understanding of the design elements, and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event. Furthermore, an emphasis on budgetary adherence and entrepreneurship equips students with many of the necessary skills needed for success in floral enterprises.						
Course Number:	8463	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Floral Design						
Special Notes:	This course may require supply or certification fees.						
Course:	ADVANCED PLANT AND SOIL SCIENCE						
Course Description:	Students explore how plant and soil science has influenced a vast body of knowledge, realizing that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. Investigations, laboratory practices, and field exercises will be used to develop an understanding of current plant and soil science. This course is designed to prepare students for careers in the food and fiber industry. Students will learn, reinforce, apply, and transfer their knowledge in a scientific setting. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8277	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Biology, IPC, Chemistry, or Physics and a minimum of one credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster						
Special Notes:	This course satisfies a high school science graduation requirement. Students must meet the 40% laboratory and fieldwork requirement. This course may require supply or certification fees.						
Course:	AGRIBUSINESS MANAGEMENT AND MARKETING						
Course Description:	Students acquire technical knowledge and skills related to agribusiness marketing and management and the workplace and develop knowledge and skills regarding career opportunities, entry requirements and industry expectations. This course is designed to provide a foundation to agribusiness management and the free enterprise system. Instruction includes the use of economic principles such as supply and demand, budgeting, recordkeeping, finance, risk management, business law, marketing, and careers in agribusiness.						
Course Number:	8280	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Agriculture, Food, and Natural Resources						
Special Notes:	This course may require supply or certification fees.						
Course:	AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION						
Course Description:	Students will attain knowledge and skills related to the design and fabrication of agricultural equipment. This course is designed to develop an understanding of agricultural equipment design and fabrication.						
Course Number:	6772	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Agricultural Mechanics and Metal Technologies						
Special Notes:	This course may require supply or certification fees.						

Course:	AGRICULTURAL LEADERSHIP, RESEARCH, AND COMMUNICATIONS						
Course Description:	Agricultural Leadership, Research, and Communications will focus on challenging Agriculture, Food, and Natural Resources (AFNR) students to use higher level thinking skills, develop leadership abilities, employ standard research principles, and communicate agricultural positions effectively with all stakeholders.						
Course Number:	8274	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Once credit from courses in the Agriculture, Food, and Natural Resources Career Cluster						
Special Notes:							
Course:	AGRICULTURAL STRUCTURES DESIGN AND FABRICATION						
Course Description:	Students attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete and metal working techniques. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8282	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Agricultural Mechanics and Metal Technologies						
Special Notes:	This course may require supply or certification fees.						
Course:	AGRICULTURE MECHANICS AND METAL TECHNOLOGIES						
Course Description:	Students attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete and metal working techniques. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools."						
Course Number:	8283	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Agriculture, Food, and Natural Resources						
Special Notes:	This course may require supply or certification fees.						
Course:	AGRICULTURE POWER SYSTEMS						
Course Description:	Students acquire technical knowledge and skills related to power, structural and technical agricultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. This course is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems and agricultural machinery. Student must pass safety test with 100% mastery.						
Course Number:	8284	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Agriculture, Food, and Natural Resources						
Special Notes:	This course may require supply or certification fees.						
Course:	ENERGY AND NATURAL RESOURCES TECHNOLOGY						
Course Description:	Students attain academic skills and knowledge, acquire advanced technical knowledge and skills related to environmental service systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. This course e is designed to allow for the application of science and technology to measure environmental impacts resulting from production agriculture through field and laboratory experiences.						
Course Number:	8066	Credits:	1.0	Term:	Full Year	Grade Placement:	10 -12
Prerequisites:	Recommendation: A minimum of one credit from the courses in the Agriculture, Food, and Natural resources Career Cluster						
Special Notes:	This course may require supply or certification fees.						
Course:	EQUINE SCIENCE						
Course Description:	Students acquire knowledge and skills related to animal systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Suggested animals that may be included in the course of study include, but are not limited to, horses, donkeys, and mules. Students must pass safety test with 100% mastery.						
Course Number:	8266	Credits:	0.5	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Agriculture, Food, and Natural Resources						
Special Notes:	This course may require supply or certification fees.						
Course:	FLORAL DESIGN						
Course Description:	Students attain academic skills and knowledge as well as technical knowledge and skills related to horticultural systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8278	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Recommended: Principles of Agriculture, Food, and Natural Resources						
Special Notes:	This course satisfies the Fine Arts graduation requirement. This course may require supply or certification fees.						

Course:		FOOD PROCESSING						
Course Description:		Students acquire technical knowledge and skills related to natural resources and the workplace and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. This course focuses on the food processing industry with special emphasis on the handling, processing and marketing of food products. Student must pass safety test with 100% mastery.						
Course Number:		8268	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Recommended: Food Technology and Safety						
Special Notes:		This course may require supply or certification fees.						
Course:		FOOD TECHNOLOGY AND SAFETY						
Course Description:		Students will examine the food technology industry as it relates to food production, handling, and safety. To prepare for careers in value-added and food processing systems, students must attain academic and technical skills and knowledge related to value added and food processing and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:		8262	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Recommended: Principles of Agriculture, Food, and Natural Resources						
Special Notes:		This course may require supply or certification fees.						
Course:		HORTICULTURAL SCIENCE						
Course Description:		Students attain academic skills and knowledge, acquire technical knowledge and skills related to horticulture and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:		8275	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Recommended: Principles of Agriculture, Food, and Natural Resources						
Special Notes:		This course may require supply or certification fees.						
Course:		LANDSCAPE DESIGN AND MANAGEMENT						
Course Description:		Students attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. This course is designed to develop an understanding of landscape design and management techniques and practices. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:		8077	Credits:	0.5	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Recommended: Principles of Agriculture, Food, and Natural Resources						
Special Notes:		This course may require supply or certification fees.						
Course:		LIVESTOCK PRODUCTION						
Course Description:		Students will acquire knowledge and skills related to animal systems and the workplace and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:		8265	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Recommended: Principles of Agriculture, Food, and Natural Resources						
Special Notes:		This course may require supply or certification fees.						
Course:		PRACTICUM IN AGRICULTURE, FOOD AND NATURAL RESOURCES						
Course Description:		The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources cluster. The practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:		8287	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Recommended: A minimum of one credit from the courses in the Agriculture, Food, and Natural resources Career Cluster						
Special Notes:		For paid internships students must be 16 years or older and hold valid work documentation like a SSN. A student may repeat this course once for credit provided the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. Students may be required to provide their own transportation to internship site. This course may require supply or certification fees.						

Course:		PRACTICUM IN AGRICULTURE, FOOD AND NATURAL RESOURCES EXTENDED					
Course Description:		The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources cluster. The practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.					
Course Number:	8386	Credits:	3.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Recommended: A minimum of one credit from the courses in the Agriculture, Food, and Natural resources Career Cluster					
Special Notes:		For paid internships students must be 16 years or older and hold valid work documentation like a SSN. A student may repeat this course once for credit provided the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. Students may be required to provide their own transportation to internship site. This course may require supplies or certification fees.					
Course:		PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES					
Course Description:		This course will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings.					
Course Number:	8261	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:		This course may require supply or certification fees.					
Course:		SMALL ANIMAL MANAGEMENT					
Course Description:		Students acquire knowledge and skills related to animal systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Suggested small animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs and cats. Student must pass safety test with 100% mastery.					
Course Number:	8069	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:		Recommended: Principles of Agriculture, Food, and Natural Resources					
Special Notes:		This course may require supply or certification fees.					
Course:		TURF GRASS MANAGEMENT					
Course Description:		Students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. This course is designed to develop an understanding of turf grass management techniques and practices. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.					
Course Number:	8070	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:		Recommended: Principles of Agriculture, Food, and Natural Resources					
Special Notes:		This course may require supply or certification fees.					
Course:		VETERINARY MEDICAL APPLICATIONS					
Course Description:		Students 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. Topics covered in this course include, but are not limited to, veterinary practices as they relate to both large and small animal species. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.					
Course Number:	8267	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Required: Equine Science, Small Animal Management or Livestock Production Recommended: Principles of Agriculture, Food, and Natural Resources					
Special Notes:		This course may require supply or certification fees.					
Course:		WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT					
Course Description:		Students acquire technical knowledge and skills related to natural resources and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. This course examines the management of game and non-game wildlife species, fish and aqua crops and their ecological needs as related to current agricultural practices. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.					
Course Number:	8263	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Recommended: Principles of Agriculture, Food, and Natural Resources					
Special Notes:		This course may require supply or certification fees.					

ALAMO ACADEMIES

Course: ADVANCED TECHNOLOGY AND MANUFACTURING ACADEMY I							
Course Description:	An introduction course that assists the student in understanding the machinist occupation in industry. The student begins by using basic machine tools such as the lathe, milling machine, drill press, power saw, and bench grinder. Machine terminology, theory, math, part layout, and bench work using common measuring tools are included. Emphasis is placed on shop safety, housekeeping, and preventative maintenance. In addition, students receive a review of applied math models and a study of different blueprints, with emphasis on machine blueprints and the application of each. Exploration of a variety of methods used in manufacturing. Theory and application of processes including but not limited to metal forming, welding, machining, heat treating, plating, assembly procedures, and process control considerations, casting and injection molding. In addition, student will get an introduction to the modern science of dimensional metrology. Emphasis on the identification, selection, and application of various types of precision instruments associated with the machining trade. Practice of basic layout and piece part measurement while using standard measuring tools.						
Course Number:	6779	Credits:	3.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3rd period class. NEISD provides transportation to and from Alamo College campus.						
Course: ADVANCED TECHNOLOGY AND MANUFACTURING ACADEMY II							
Course Description:	An introduction to Robots/Automation. Includes history, terminology, classification of robots, basic components, control systems, alternating current and hydraulic servomechanisms, programming, sensors, types of drive, end of arm tooling, end effectors, and safety and design procedures. Students will also study of the theory and operations of various types of pumps and compressors. Topics include mechanical power transmission systems including gears, v-belts, and chain drives. Students will cover basic theory and practice of electrical circuits. Includes calculations as applied to alternating and direct current. Finally, study of Computer Assisted Manufacturing (CAM) systems. Software is used to develop applications for manufacturing. Emphasis on tool geometry, tool selection, and the tool library.						
Course Number:	6781	Credits:	3.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3rd period class. NEISD provides transportation to and from Alamo College campus.						
Course: AEROSPACE ACADEMY I							
Course Description:	An overview of aviation maintenance including the history of aviation, the mechanic's roles and duties, and nomenclature of aircrafts and safety. Fundamentals of mathematics, physics, and drawing as they apply to aircraft principles and operations as required by the Federal Aviation Administration for airframe and power plant mechanics. An introduction to the correct use of hand tools and equipment and precision measurement; identification of aircraft hardware and the fabrication of fluid lines and tubing. In addition, this course will emphasize procedures for testing, heat-treating, and inspection of aircraft structures. Fundamentals of Safety will also be addressed. A course in the use and understanding of the Federal Aviation Administration (FAA) and aircraft manufacturers' publications, forms, and records; and the exercise of mechanic privileges within prescribed limitations. Instruction in Federal Aviation Administration (FAA) required subjects relating to the weighing of aircraft, the performance of weight and balance calculations, and appropriate maintenance of record entries. Finally, instruction in aircraft servicing methods and procedures for fluids (fuels, oil, hydraulic fluid), aircraft movement, securing and operations of aircraft, external power equipment, aircraft cleaning, and corrosion control. Fundamentals of safety will also be addressed.						
Course Number:	6783	Credits:	3.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3rd period class. NEISD provides transportation to and from Alamo College campus.						
Course: AEROSPACE ACADEMY II							
Course Description:	A study of aircraft electrical systems and their requirements including use of ammeter, voltmeter, and ohmmeter; series and parallel circuits; inductance and capacitance; magnetism; converting alternating current (AC) to direct (DC); controlling devices; maintenance and servicing of aircraft batteries; and reading and interpreting aircraft electrical diagrams to include solid state devices and logic functions. Fundamentals of safety will also be addressed. Comprehensive concepts of the inspection and repair of composite, fabric, core, and laminated structural materials including doors, windows, bonded structures, and interior furnishings. Safety procedures to include the handling and storage of composite materials will also be addressed. A study in the use and care of various covering materials, finishes, and structures to include approved methods and safety procedures. Skill development in inspection and repair of sheet metal structures including forming, lay out, and bending of sheet metal and identification, selection, and installation of rivets and fasteners. Fundamentals of safety procedures also addressed. General principles of theory, history, and servicing of turbine engines to include lubrication, instrumentation, auxiliary power units, and exhaust systems. Fundamentals of safety procedures are also addressed. Finally, a comprehensive study in inspection, disassembly, reassembly, and replacement of gas turbine engines, sections, and components including operational troubleshooting, analysis, and safety.						
Course Number:	6785	Credits:	3.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3rd period class. NEISD provides transportation to and from Alamo College campus.						

Course:		ANATOMY AND PHYSIOLOGY - HEALTH PROFESSIONALS ACADEMY					
Course Description:		This course conducts laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.					
Course Number:	3255	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/ Recommended: A course from the Health Science Career Cluster						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3rd period class. NEISD provides transportation to and from Alamo College campus.						
Course:		DIESEL TECHNOLOGY ACADEMY I					
Course Description:		An introduction to the basic principles of electrical systems for diesel-powered equipment with emphasis on starters, alternators, batteries, and regulators. Students will also learn of shop safety, rules, basic shop tools, and test equipment. In addition, student will learn the fundamentals of hydraulics including components and related systems, as well as an introduction to the basic principles of diesel engines and systems.					
Course Number:	7777	Credits:	3.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3rd period class. NEISD provides transportation to and from Alamo College campus.						
Course:		DIESEL TECHNOLOGY ACADEMY II					
Course Description:		Introduction to proper servicing practices. Content includes record keeping and condition of major systems. Students will learn advanced skills in diagnostic and programming techniques of electronic control systems. Advanced concepts and skills required for tune-up and troubleshooting procedures of diesel engines. Emphasis on the science of diagnostics with a common sense approach. The student will analyze engine malfunctions; determine corrective repair; perform engine repairs; and adjust engine tune-up according to engine manual. The course will emphasize Caterpillar, Cummins, Detroit, and Mack electronically controlled engine systems. Students will have an advanced study of hydraulic systems and components including diagnostics and testing of hydraulic systems.					
Course Number:	7779	Credits:	3.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3rd period class. NEISD provides transportation to and from Alamo College campus.						
Course:		ENGLISH III DUAL CREDIT - HEALTH PROFESSIONALS ACADEMY					
Course Description:		This course articulates for students who will participate in Health Professional Academy at San Antonio College. Students will have to be accepted to the program before their junior year. For more information contact: http://www.alamoacademies.com/					
Course Number:	1319	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3rd period class. NEISD provides transportation to and from Alamo College campus.						
Course:		HEALTH SCIENCE DUAL CREDIT FOR HEALTH PROFESSIONALS ACADEMY					
Course Description:		Students will cover topics to include major topics in psychology. Introducing the study of behavior and the factors that determine and affect behavior and mental processes. Classical and contemporary theories concerning the good life, human conduct in society, and moral and ethical standards. Study of the relationship of the physical, emotional, social, and mental factors of growth and development of the individual throughout the lifespan. Finally, the study and practical application of a medical vocabulary system. It includes structure, recognition, analysis, definition, spelling, pronunciation, and combination of medical terms from prefixes, suffixes, roots, and combining forms.					
Course Number:	8353	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3rd period class. NEISD provides transportation to and from Alamo College campus.						
Course:		INFORMATION TECHNOLOGY AND SECURITY ACADEMY I					
Course Description:		Introduction to personal computer operating systems including installation, configuration, file management, memory and storage management, control of peripheral devices, and use of utilities. Basic computer skills are required. Students will receive instruction in networking technologies and their implementation. Topics include the OSI reference model, network protocols, transmission media, and networking hardware and software. Introduction to architecture, structure, functions, components, and models of the Internet. Covers principles and structure of IP addressing, Ethernet, media & operations. Students will Diagnosis and solution of user hardware and software related problems with on-the-job and/or simulated projects.					
Course Number:	6790	Credits:	3.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3rd period class. NEISD provides transportation to and from Alamo College campus.						

Course:	INFORMATION TECHNOLOGY AND SECURITY ACADEMY II						
Course Description:	Introduction to computer programming with emphasis on the fundamentals of design, development, testing, implementation, and documentation, as well as the UNIX operating system including multi-user concepts, terminal emulation, use of system editor, commands, and writing script files. Includes language syntax, data and file structures, input/output devices, and files as well as introductory system management concepts. In addition, skills for development in web page programming including markup and scripting languages and an instruction in security for network hardware, software, and data including physical security; backup procedures; relevant tools; encryption; and protection from viruses.						
Course Number:	6792	Credits:	3.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3rd period class. NEISD provides transportation to and from Alamo College campus.						
Course:	MICROBIOLOGY DUAL CREDIT FOR HEALTH PROFESSIONALS ACADEMY						
Course Description:	Introduction to historical concepts of the nature of microorganisms, microbial diversity, the importance of microorganisms and acellular agents in the biosphere, and their roles in human and animal diseases. Major topics include bacterial structure as well as growth, physiology, genetics, and biochemistry of microorganisms. Emphasis is on medical microbiology, infectious diseases, and public health.						
Course Number:	3256	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Students must be accepted to the Alamo Academies. See Alamo Academies website for more information on entrance requirements. https://alamoacademies.com/						
Special Notes:	This course is located at Alamo Colleges. Students may have to provide transportation to training site.						
Course:	PRINCIPLES OF CONSTRUCTION						
Course Description:	Provides an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. For safety and liability considerations, limiting course enrollment to 15 students is recommended. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.						
Course Number:	6763	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees.						
Course:	CONSTRUCTION TECHNOLOGY I						
Course Description:	Students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.						
Course Number:	8243	Credits:	2.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Required: Principles of Construction. Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees.						
Course:	CONSTRUCTION TECHNOLOGY II						
Course Description:	Students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills						
Course Number:	8244	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Construction Technology I. Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees.						
Course:	ELECTRICAL TECHNOLOGY I						
Course Description:	This course provides students with knowledge and skills specific to those needed to enter the workforce as an electrician or building maintenance supervisor or prepare for a postsecondary degree in construction. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools. The study of manufacturing systems 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.						
Course Number:	8154	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees.						
Course:	ELECTRICAL TECHNOLOGY II						
Course Description:	This course provides students with advanced knowledge and skills specific to those needed to enter the workforce as an electrician or building maintenance technician or supervisor or prepare for a postsecondary degree in construction. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8155	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Required: Electrical Technology I. Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees.						

Course:		HVAC I					
Course Description:	HVAC Technology I is the first level course of HVAC instruction offered at the Career & Technical Education Center (CTEC). In HVAC Tech I, students will gain knowledge and skills needed to enter the industry as a HVAC apprentice, building maintenance technician, or supervisor, or prepare for a post-secondary degree in Construction Management. Students will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment. The study of manufacturing systems 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.						
Course Number:	8249	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Required: Construction Technology I. Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees.						
Course:		HVAC II					
Course Description:	HVAC II is the second level course of HVAC instruction offered at the Career & Technical Education Center (CTEC). Students will gain knowledge and skills needed to enter the industry as a HVAC and refrigeration technicians, building maintenance technician, or supervisor, or prepare for a post-secondary degree in Construction Management. Students will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment, heat pumps, troubleshooting techniques, various duct systems, and maintenance practices.						
Course Number:	8295	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Required: HVAC I. Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees.						
Course:		INTRODUCTION TO WELDING					
Course Description:	Students will be introduced the welding technology with an emphasis on basic welding laboratory principles and operating procedures. In addition, students will be introduced to the three basic welding processes. Topics include industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. Student must pass safety test with 100% mastery. This is the level 1 course for Welding Pathway.						
Course Number:	8173	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	State Recommended: Algebra I. Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course is located at the Career and Technical Education Center. This course may require supply or certification fees.						
Course:		PLUMBING TECHNOLOGY I					
Course Description:	Plumbing Technology 1 is the first level course of Plumbing instruction offered at the Career & Technical Education Center (CTEC). In Plumbing Tech 1, students will gain knowledge and skills needed to enter the industry as a plumbing apprentice, building maintenance technician, or supervisor, or prepare for a post-secondary degree in Construction Management, Architecture, or Engineering. Students will learn to identify and use power tools, how to apply basic plumbing mathematics and plumbing drawing; and how to identify, fit, and use plastic, copper, cast iron, carbon steel and corrugated stainless pipe. The study of manufacturing systems 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.						
Course Number:	8241	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Required: Construction Technology I. Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees.						
Course:		PLUMBING TECHNOLOGY II					
Course Description:	Plumbing Technology II is the second level course of Plumbing instruction offered at the Career & Technical Education Center (CTEC). In Plumbing Tech II, students will gain knowledge and skills needed to enter the industry as a plumbing apprentice, building maintenance technician, or supervisor, or prepare for a post-secondary degree in Construction Management, Architecture, or Engineering. Students will acquire knowledge and skills to use advanced plumbing mathematics and commercial drawing.						
Course Number:	8242	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Required: Plumbing Technology I. Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees.						
Course:		PRACTICUM IN CONSTRUCTION TECHNOLOGY I					
Course Description:	Practicum in Construction Technology is an occupationally specific, paid, or not paid, course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom. Student must pass safety test with 100% mastery.						
Course Number:	8078	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Required: HVAC II, Plumbing Technology II, Electrical Technology II, or Construction Technology II						
Special Notes:	This course may require supply or certification fees.						
Course:		PRACTICUM IN WELDING I					
Course Description:	Practicum in Welding I is an occupationally specific, paid, or not paid, course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom. Student must pass safety test with 100% mastery.						
Course Number:	8179	Credits:	2.0	Term:	Full Year	Grade Placement:	11 -12
Prerequisites:	Welding I, Welding II; students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course is located at the Career and Technical Education Center. This course may require supply or certification fees.						

Course:	PRACTICUM IN WELDING II						
Course Description:	The Practicum in Manufacturing course is designed to give students supervised 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.						
Course Number:	8180	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:							
Special Notes:							
Course:	WELDING I						
Course Description:	Welding I provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will 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. Student must pass safety test with 100% mastery.						
Course Number:	8174	Credits:	2.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	State Recommended: Algebra I; Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course is located at the Career and Technical Education Center. This course may require supply or certification fees.						
Course:	WELDING II						
Course Description:	Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate 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.						
Course Number:	8175	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	State Recommended: Algebra I or Geometry and Welding I; Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course is located at the Career and Technical Education Center. This course may require supply or certification fees.						
Course:	PRACTICUM IN WELDING I						
Course Description:	Practicum in Welding I is an occupationally specific, paid, or not paid, course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom. Student must pass safety test with 100% mastery.						
Course Number:	8179	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Welding I, Welding II; students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course is located at the Career and Technical Education Center. This course may require supply or certification fees.						
Course:	PRACTICUM IN WELDING II						
Course Description:	The Practicum in Manufacturing course is designed to give students supervised 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.						
Course Number:	8180	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:							
Special Notes:							

Medical Professions Academy

Course:		CERTIFIED CLINICAL MEDICAL ASSISTANT						
Course Description:		This program prepares students for entry-level employment in a medical health facility. Students study medical law and ethics, terminology, anatomy and physiology, human relations, use and care of diagnostic equipment, venipuncture, injections, pharmacology, universal precautions, vital signs, CPR/first aid, EKG, urinalysis, hematology, microbiology, basic computer operations, front office medical procedures, insurance forms, electronic medical records, and medical billing. This capstone course is located at the Career and Technical Education Center.						
Course Number:		8360	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Health Science Theory or Health Science Clinical, and Biology						
Special Notes:		Students must have health insurance; meet special immunization requirements; and pass a criminal background check to allow them to work with patients in a clinical setting. A student may repeat this course once for credit if the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. For paid internships, students must be 16 years or older and hold valid work documentation like a SSN. There is a certification test at the end of this course. This course is located at the Career and Technical Education Center. This course may require supply or certification fees.						
Course:		CERTIFIED NURSE AIDE (CNA)						
Course Description:		This course 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. This practicum is specific to CNA and will be expected to sit for the state CNA certification exam. The course is rigorous and follows a very strict schedule to meet the state regulations. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:		8348	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Health Science Theory or Health Science Clinical, and Biology						
Special Notes:		Students must have health insurance; meet special immunization requirements; and pass a criminal background check to allow them to work with patients in a clinical setting. A student may repeat this course once for credit if the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. For paid internships students must be 16 years or older and hold valid work documentation like a SSN. There is a certification test at the end of this course. Students may be required to provide their own transportation to internship site. This course is located at the Career and Technical Education Center. This course may require supply or certification fees.						
Course:		EMERGENCY MEDICAL TECHNICIAN (EMT)						
Course Description:		The Emergency Medical Technician (EMT)-Basic course teaches seniors the skills and knowledge necessary to pass the National Registry EMT Basic test. To participate in the test, the student must successfully complete all the Department of State Health Services requirements. The student must pass a final examination with an 80% or better, complete all clinical rotation hours on a working ambulance, and complete all clinical rotation hours in a hospital emergency room to be eligible to sit for the National Registry EMT Basic exam. Clinical rotation hours will be held on weekends and/or during spring break. The course is rigorous and follows a very strict schedule to meet the state regulations.						
Course Number:		8354	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Health Science Theory or Health Science Clinical, and Biology						
Special Notes:		Students must have health insurance; meet special immunization requirements; and pass a criminal background check to allow them to work with patients in a clinical setting. Students must be 18 years old to complete clinicals and ambulance rides to obtain certification. There is a certification test at the end of this course. This course is located at the Career and Technical Education Center. This course may require supply or certification fees.						
Course:		MEDICAL PROFESSIONALS ACADEMY PRACTICUM II						
Course Description:		The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills in a second area of Health Science Study. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.						
Course Number:		8362	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Health Science Theory or Health Science Clinical, and Biology						
Special Notes:		Students must have health insurance; meet special immunization requirements; and pass a criminal background check to allow them to work with patients in a clinical setting. This is the second time taking practicum for credit if the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advance knowledge and skills. For paid internships, students must be 16 years or older and hold valid work documentation like a SSN. Students may be required to provide their own transportation to internship site. This capstone course is located at the Career and Technical Education Center.						
Course:		PHARMACY TECHNICIAN						
Course Description:		Students will study how natural and synthetic chemical agents such as drugs affect biological systems; the knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever-changing, growing body of information that continually demands greater amounts of time and education from health care workers.						
Course Number:		3254	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Health Science Theory or Health Science Clinical, and Biology						
Special Notes:		Students must have health insurance, meet special immunization requirements, and pass a criminal background check to allow them to work with patients in a clinical setting. This capstone course is located at the Career and Technical Education Center. This course may require supply or certification fees.						

Course:	REGISTERED DENTAL ASSISTANT (DENTAL A/DENTAL B)						
Course Description:	This course teaches the knowledge and skills necessary to pass the Texas Registered Dental Assisting Exam. The course will include a wide range of dental procedures, recognition of equipment, tools, and terminology. Students will be expected to work together and practice skills to prepare them for a career in the dental field, including: looking in each other's mouth, taking impressions, setting up treatment procedures, passing instruments, sterilization, and teaching others how to brush and floss.						
Course Number:	8392/8390	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Health Science Theory or Health Science Clinical, and Biology						
Special Notes:	Students must have health insurance; meet special immunization requirements; and pass a criminal background check to allow them to work with patients in a clinical setting. A student may repeat this course once for credit if the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. For paid internships, students must be 16 years or older and hold valid work documentation like a SSN. There is a certification test at the end of this course. Students may be required to provide their own transportation to the internship site. This capstone course is located at the Career and Technical Education Center. This course may require supply or certification fees.						
Course:	AUTOMOTIVE BASICS						
Course Description:	Students gain the knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. In addition, students will gain knowledge and skills in the repair, maintenance, and servicing 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 safety, tool identification, proper tool use, and employability. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools. <u>This is the level 1 course for Automotive and Diesel Technologies Pathway.</u>						
Course Number:	7777	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees. This course is located at the Career and Technical Education Center.						
Course:	AUTOMOTIVE TECHNOLOGY I: MAINTENANCE AND LIGHT REPAIR						
Course Description:	Students will gain the knowledge of the major automotive systems and the principles of diagnosing and servicing these systems; including applicable safety and environmental rules and regulations. In addition, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow 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 safety, tool identification, proper tool use, and employability. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8112	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees. This course is located at the Career and Technical Education Center.						
Course:	AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE						
Course Description:	This course includes advanced knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. 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. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8113	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Automotive Technology I: Maintenance and Light Repair. Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees. This course is located at the Career and Technical Education Center.						
Course:	DIESEL EQUIPMENT TECHNOLOGY I						
Course Description:	Diesel Equipment Technology I includes knowledge of the function and maintenance of diesel systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	6774	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees. This course is located at the Career and Technical Education Center.						
Course:	DIESEL EQUIPMENT TECHNOLOGY II						
Course Description:	Diesel Equipment Technology II includes knowledge of the function, diagnosis, and service of diesel equipment systems. Rapid advances in diesel technology have created new career opportunities and demands in the transportation industry. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	6775	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Diesel Equipment Technology I. Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees. This course is located at the Career and Technical Education Center.						

Course:	PRACTICUM IN TRANSPORTATION SYSTEMS						
Course Description:	This is a capstone work-based learning course in this career cluster that may be offered paid, unpaid, or lab-based. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8114	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:							
Special Notes:	The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Transportation, Distribution, and Logistics Career Cluster. Students shall be awarded two credits for successful completion of this course. For paid internships students must be 16 years or older and hold valid work documentation like a SSN. Students may be required to provide their own transportation to internship site. This course is located at the Career and Technical Education Center.						
Course:	PRACTICUM IN CONSTRUCTION TECHNOLOGY II						
Course Description:	In Practicum in Construction Technology, students will be challenged with the application of knowledge and skills gained in previous construction-related coursework. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.						
Course Number:	8166	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Construction Technology II, Practicum in Construction I						
Special Notes:							
Course:	OCCUPATIONAL SAFETY & ENVIRONMENTAL TECHNOLOGY I						
Course Description:	During Occupational Safety & Environmental Technology (OSET) I, students will investigate the field of Occupational Safety and Health Administration and Environmental Technology, which is charged with the tasks of ensuring that business and industry provide a safe workplace, free from hazards and bringing about a reduction in the occurrence of job-related injuries and fatalities. Students will use safety resources and discover procedures for collaborating with business and industry regarding ways to increase employee safety and health, reduce workers' compensation insurance costs and medical expenses, decrease payout for return-to work programs, reduce faulty products, and lower costs for job accommodations for injured workers. The sequence of OSET courses provides students with the knowledge and skills to enter business and industry under OSET/OSHA. Students will be prepared to investigate hazards and create plans of action to address hazard controls for employers.						
Course Number:	8190	Credits:	1.0	Term:	SEMESTER	Grade Placement:	9 - 12
Prerequisites:	Recommended: Video Game Programming and Video Game Design						
Special Notes:							
Course:	PRINCIPLES OF TRANSPORTATION SYSTEMS						
Course Description:	Video Game Programming expands on the foundation created in Video Game Design through programming languages such as: C# programming, XNA game studio, Java, and Android App. In this course, students will investigate the inner workings of a fully functional role-playing game (RPG) by customizing playable characters, items, maps, and chests and eventually applying customizations by altering and enhancing the core game code.						
Course Number:	6734	Credits:	1.0	Term:	SEMESTER	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							

Design and Technology Academy (DATA)

Course:	3-D MODELING AND ANIMATION						
Course Description:	This course involves creating computer images created in a virtual three-dimensional environment. Students in this course will produce various 3-D models of real-world objects. (Fine Art Credit)						
Course Number:	3036	Credits:	1.0	Term:	Full Year	Grade Placement:	9 -12
Prerequisites:							
Special Notes:	Magnet Program						
Course:	GRAPHIC DESIGN AND ILLUSTRATION I						
Course Description:	Students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.						
Course Number:	6730	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Arts, Audio/Video Technology, and Communications						
Special Notes:							
Course:	GRAPHIC DESIGN AND ILLUSTRATION II						
Course Description:	Students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.						
Course Number:	6752	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Graphic Design and Illustration I						
Special Notes:							
Course:	PRACTICUM IN GRAPHIC DESIGN						
Course Description:	The course will be the capstone course for students to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.						
Course Number:	6762	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Graphic Design & Illustration II						
Special Notes:							
Course:	ADVANCED VIDEO GAME PROGRAMMING						
Course Description:	Advanced Video Game Programming students will be introduced to mobile application design and programming using Java and Eclipse for Android devices. Time will be spent learning basic Java programming and working with Android Studio to develop real working apps. Using Unity as an introduction to 3D game development, students will have exposure to and an understanding of: object-oriented programming concepts; game development skill with programs such as Unity; 3D modeling with programs such as Blender; image manipulation with programs such as GIMP; concepts related to the design process; and the ability to communicate and collaborate on group based projects.						
Course Number:	3038	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Video Game Design and Video Game Programming						
Special Notes:	Magnet Program						
Course:	VIDEO GAME PROGRAMMING AND DESIGN						
Course Description:	Video Game Programming expands on the foundation created in Video Game Design through programming languages such as: C# programming, XNA game studio, Java, and Android App. In this course, students will investigate the inner workings of a fully functional role-playing game (RPG) by customizing playable characters, items, maps, and chests and eventually applying customizations by altering and enhancing the core game code.						
Course Number:	3037	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Video Game Design						
Special Notes:	Magnet Program						
Course:	INTERIOR DESIGN I						
Course Description:	Interior Design I is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Students will use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, promote sustainability, and compete in industry.						
Course Number:	8044	Credits:	1.0	Term:	Full Year	Grade Placement:	9 -12
Prerequisites:	Algebra I and English I; Recommended: Principles of Architecture						
Special Notes:							
Course:	PRACTICUM IN COMMERCIAL PHOTOGRAPHY						
Course Description:	The course will be the capstone course for students to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.						
Course Number:	6736	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Commercial Photography I						
Special Notes:							

Course:		AEROSPACE ENGINEERING					
Course Description:		This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.					
Course Number:	8356	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Recommended: Engineering, Design, and Presentation I					
Special Notes:		Project Lead The Way. Magnet Program					
Course:		PROGRAMMABLE LOGIC CONTROLLER I					
Course Description:		Programmable Logic Controllers (PLCs) are essential devices used for the control of manufacturing processes in various automated industrial/commercial applications such as assembly lines, traffic lights, and washer machines. The Programmable Logic Controller I course will focus on the underlying principles that connect all subsystems embedded in the PLC (input module, CPU, processor, memory, power supply, and output module) and the functions necessary to program automated environments. Students will gain an understanding of PLC hardware structures, memory organization, discrete input/output information, and relay ladder logic for programming. Students will gather input data generated from sensors and manipulate that information by applying logic functions to binary/decimal number systems. By applying ladder logic to timers and counters, students will control various actuators to create automated systems used in manufacturing facilities.					
Course Number:	8363	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:							
Special Notes:		Magnet Program					
Course:		PROGRAMMABLE LOGIC CONTROLLER II					
Course Description:		Programmable Logic Controllers (PLCs) are essential devices used for the control of manufacturing processes in various automated industrial/commercial applications such as assembly lines, traffic lights, and washer machines. The Programmable Logic Controller I course will focus on the underlying principles that connect all subsystems embedded in the PLC (input module, CPU, processor, memory, power supply, and output module) and the functions necessary to program automated environments. Students will gain an understanding of PLC hardware structures, memory organization, discrete input/output information, and relay ladder logic for programming. Students will gather input data generated from sensors and manipulate that information by applying logic functions to binary/decimal number systems. By applying ladder logic to timers and counters, students will control various actuators to create automated systems used in manufacturing facilities.					
Course Number:	8364	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Programmable Logic Controller I					
Special Notes:		Magnet Program					

Institute for Cybersecurity & Innovation (ICSI) – ALL NEISD Students are eligible to apply.

Course:	CYBER 1 - A & CYBER 1 - B						
Course Description:	Students develop practical skills in operating system deployment, configuration, and security best practices using the iCSI cyber range and cloud computing resources such as Amazon Web Services. Students will work in teams to solve scenario-based challenges related to cybersecurity and prepare for the CompTIA ITF+ professional certification exam. In addition to hands-on learning activities, the course will also cover the NICE career framework and provide opportunities for students to hear from industry professionals about college and career prospects in cybersecurity. The goal of this course is to help students become proficient with fundamental technologies and be well-prepared for certification and employment in the field.						
Course Number:	6658/6766	Credits:	2.0	Term:	Full Year	Grade Placement:	9
Prerequisites:							
Special Notes:	Interested students must apply online at www.neisd.net/magnetprograms. Students will earn credit for Computer Maintenance (1.0) and Principles of Cybersecurity (1.0) for successful completion of these courses.						
Course:	CYBER 4						
Course Description:	This is a capstone work-based learning course for students completing the Cybersecurity program offered at iCSI. Work placements may be paid, unpaid, or completed on site in a lab-based. To prepare for success, students will have opportunities to apply, reinforce, and transfer knowledge and skills to a variety of settings and problems in the Cybersecurity field. Industry-based certifications will vary depending on student interest and/or work-based learning placement.						
Course Number:	6766	Credits:	1.0	Term:	Full Year	Grade Placement:	9 -12
Prerequisites:	Cyber 3 - A & Cyber 3 - B						
Special Notes:	Students will earn credit for Practicum in Information Technology (2.0) for successful completion of this course.						
Course:	CYBER 2						
Course Description:	This Network+ course is designed to provide students with a strong foundation in networking concepts and skills. Through a combination of module-based and hands-on practice, students will learn about a range of topics including network infrastructure, network security, network troubleshooting, and network protocols. In addition to learning the theory, students will also have the opportunity to apply their knowledge through a variety of hands-on exercises and labs. One key component of this course is the use of CCNA labs, which will give students the chance to work with real-world networking equipment and scenarios. This hands-on practice is essential for developing the practical skills and confidence needed to succeed in the field of networking. By the end of the course, students will be well-prepared for the Network+ certification exam and ready to take on the challenges of a career in networking.						
Course Number:	6756	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Cyber 1 - A & Cyber 1 - B						
Special Notes:	Students will earn credit for Networking/Networking Lab (2.0) for successful completion of this course.						
Course:	CYBER 3 - A & CYBER 3 - B						
Course Description:	This course is designed to prepare students for the CompTIA Security+ (SY0-601) exam. The exam is required for individuals who want to pursue job roles related to end-user and device security management. In this course, students will learn about various topics that are covered in the exam, including: Threats, Attacks, and Vulnerabilities; Architecture and Design; Secure Implementation; Operations/Incident Response; and Governance, Risk and Compliance. The main learning objectives of this course are to help students understand and apply knowledge of security concepts and technologies, as well as identify and mitigate threats, attacks, and vulnerabilities. Students will also learn about security architecture and design, and how to implement secure systems and networks. Additionally, students will learn about the principles of incident response and how to respond to security breaches and other security-related incidents. Finally, students will learn about governance, risk management, and compliance, and how to apply these concepts to ensure the security and integrity of systems and networks.						
Course Number:	6794 / 6795	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Cyber 2						
Special Notes:	Students will earn credit for Cybersecurity Capstone (1.0) and Advanced Cloud Computing (1.0) for successful completion of these courses						

Science, Technology, Engineering, & Mathematics Academy (STEM)

Course:	BIOTECHNOLOGY I					
Course Description:	Students will apply advanced academic knowledge and skills to the emerging fields of biotechnology such as agricultural, medical, regulatory, and forensics. Students will have the opportunity to use sophisticated laboratory equipment, perform statistical analysis, and practice quality-control techniques. The Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.					
Course Number:	8342	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	Required: Biology and Chemistry					
Special Notes:	Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement. Magnet Program					
Course:	PRACTICUM IN SCIENCE, TECHNOLOGY, ENGINEERING AND MATH					
Course Description:	This a capstone work-based learning course in this career cluster that may be offered paid, unpaid, or lab-based. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.					
Course Number:	8260	Credits:	2.0	Term:	Full Year	Grade Placement: 12
Prerequisites:	Required: Algebra I and Geometry Recommended: Two Science, Technology, Engineering, and Mathematics (STEM) Career Cluster credits					
Special Notes:	For paid internships students must be 16 years or older and hold valid work documentation like a SSN. A student may repeat this course once for credit if the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. Magnet Program					

Architecture Career Cluster

Course:	ARCHITECTURAL DESIGN I						
Course Description:	This course provides students with 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. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8245	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Required: Algebra I and English I Recommended: Geometry, Principles of Architecture and Principles of Construction						
Special Notes:	This course may require supply or certification fees.						
Course:	ARCHITECTURAL DESIGN II						
Course Description:	This course provides students with advanced 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. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8246	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Required: Architectural Design I and Geometry Recommended: Principles of Architecture and Principles of Construction						
Special Notes:	This course may require supply or certification fees.						
Course:	PRACTICUM IN ARCHITECTURAL DESIGN						
Course Description:	This is a capstone work-based learning course in this career cluster that may be offered paid, unpaid, or lab-based. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8247	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Architectural Design II						
Special Notes:	For paid internships students must be 16 years or older and hold valid work documentation, like a SSN. Students may be required to provide their own transportation to internship site. This course may require supply or certification fees.						
Course:	PRINCIPLES OF ARCHITECTURE						
Course Description:	This is the first course in the Architecture Program of study. This introductory course provides an overview to the various fields of architecture, interior design, construction science, and construction technology. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	6647	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:	This course may require supply or certification fees.						

Arts, Audio/Video Technology & Communications Career Cluster

Course:	ANIMATION I						
Course Description:	Students will learn and apply understanding, technical skills, design processes, and problem-solving skills in the area of animation. Computer animation involves creating moving images with the help of computers. This type of animation is used in films, television shows, video games, and advertisements.						
Course Number:	6711	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Art I, Audio/Video Production I, or Principles of Art, Audio/Video Technology, and Communications						
Special Notes:	This course may require supply or certification fees.						
Course:	ANIMATION II						
Course Description:	Students will be expected to develop artistic skills and a solid familiarity with the latest in computer animation technologies. In addition, students will be required to turn creative thoughts into compelling images, using them to effectively communicate an idea.						
Course Number:	6713	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Animation I						
Special Notes:	This course may require supply or certification fees.						
Course:	ANIMATION II COURSE AND LAB						
Course Description:	Students will be expected to develop artistic skills and a solid familiarity with the latest in computer animation technologies. In addition, students will be required to turn creative thoughts into compelling images, using them to effectively communicate an idea.						
Course Number:	6714	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Animation I						
Special Notes:	This course may require supply or certification fees.						

Course:	AUDIO/VIDEO PRODUCTION I						
Course Description:	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.						
Course Number:	6731	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Recommended: Principles of Arts, Audio/Video Technology, and Communications						
Special Notes:							
Course:	AUDIO/VIDEO PRODUCTION II						
Course Description:	Students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. This course may be implemented in an audio format or a format with both audio and video.						
Course Number:	6741	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Audio/Video Production I						
Special Notes:	This course may require supply or certification fees.						
Course:	AUDIO/VIDEO PRODUCTION II COURSE AND LAB						
Course Description:	Students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. Through diverse forms of storytelling and production, students will exercise and develop creativity, intellectual curiosity, and critical-thinking, problem-solving, and collaborative skills.						
Course Number:	6742	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Audio/Video Production I						
Special Notes:	This course may require supply or certification fees.						
Course:	COMMERCIAL PHOTOGRAPHY I						
Course Description:	Students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs.						
Course Number:	6732	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Art, Audio/Video Technology, and Communications						
Special Notes:	This course may require supply or certification fees.						
Course:	COMMERCIAL PHOTOGRAPHY II						
Course Description:	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 advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.						
Course Number:	6735	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Required: Commercial Photography I						
Special Notes:							
Course:	FASHION DESIGN I						
Course Description:	Students will be expected to develop an understanding of fashion and the textile and apparel industries. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8015	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Arts, Audio/Video Technology, and Communications or Principles of Human Services						
Special Notes:	This course may require supply or certification fees.						
Course:	FASHION DESIGN II						
Course Description:	Students will be expected to develop an advanced understanding of fashion, with emphasis on design and production. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	6747	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Fashion Design I						
Special Notes:	Recommended co-requisite: Fashion Design II Lab. This course may require supply or certification fees.						
Course:	FASHION DESIGN II COURSE AND LAB						
Course Description:	Students will be expected to develop an advance understanding of the fashion industry with an emphasis on design and construction. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	6749	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Fashion Design I						
Special Notes:	This course may require supply or certification fees.						

Course:		PRACTICUM IN ANIMATION					
Course Description:		This is a capstone work-based learning course in this career cluster that may be offered paid, unpaid, or lab-based.					
Course Number:	6760	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Animation II and Animation II Lab					
Special Notes:		For paid internships students must be 16 years or older and hold valid work documentation like a SSN. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.. Students may be required to provide their own transportation to internship site.					
Course:		PRACTICUM IN AUDIO/VIDEO PRODUCTION					
Course Description:		This is a capstone work-based learning course in this career cluster that may be offered paid, unpaid, or lab-based.					
Course Number:	6761	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Audio/Video Production II and Audio/Video Production II Lab					
Special Notes:		For paid internships students must be 16 years or older and hold valid work documentation like a SSN. A student may repeat this course once for credit if the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. Students may be required to provide their own transportation to internship site.					
Course:		PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS					
Course Description:		This is the first course in multiple programs of study. The student applies information technology applications when completing Arts, Audio/Video Technology, and Communications projects.					
Course Number:	6656	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							
Course:		PROFESSIONAL COMMUNICATIONS					
Course Description:		Students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.					
Course Number:	5809	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:		This course satisfies 0.5 cr. towards any Business & Industry Endorsement and/or Public Service Endorsement.					
Course:		VIDEO GAME DESIGN					
Course Description:		Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic.					
Course Number:	6700	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Recommended: Principles of Art, Audio/Video Technology, and Communications					
Special Notes:							

Business, Marketing, and Finance Career Cluster

Course:	ACCOUNTING I						
Course Description:	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.						
Course Number:	8301	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance.						
Special Notes:							
Course:	ACCOUNTING II						
Course Description:	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.						
Course Number:	8302	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Accounting I						
Special Notes:	This course satisfies a high school mathematics graduation requirement.						
Course:	ADVERTISING						
Course Description:	Students will begin a comprehensive introduction to the principles and practices of advertising. Students will examine the knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, ethical, and legal issues of advertising, historical influences, strategies, and media decision processes as well as integrated marketing communications.						
Course Number:	8306	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:							
Course:	BANKING AND FINANCIAL SYSTEMS						
Course Description:	Students develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent consumers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.						
Course Number:	8300	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:	This course may require supply or certification fees.						
Course:	BUSINESS INCUBATOR (REAGAN HS ONLY)						
Course Description:	Students will develop their own product or service startup to gain investment funds in a final shark-tank style pitch event. Real entrepreneurs and industry experts serve as volunteer coaches and mentors guiding student teams through the processes of developing hypotheses about a business concept, testing those hypotheses, adapting, and continually learning and improving. Students leave the course having completed a Business Model Canvas, competitive analysis, financial model, minimum viable product, pitch deck, future communications plan, and future funding plan.						
Course Number:	8308	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:							
Course:	BUSINESS INFORMATION MANAGEMENT I						
Course Description:	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.						
Course Number:	8291	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:	This course may require supply or certification fees.						
Course:	BUSINESS INFORMATION MANAGEMENT II						
Course Description:	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.						
Course Number:	8292	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Business Information Management I						
Special Notes:	This course may require supply or certification fees.						
Course:	BUSINESS MANAGEMENT						
Course Description:	Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent managers, employees, and entrepreneurs.						
Course Number:	8294	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:							

Course:	ENTREPRENEURSHIP I						
Course Description:	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.						
Course Number:	8308	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:							
Course:	ENTREPRENEURSHIP II (REAGAN HS ONLY)						
Course Description:	This course is to prepare students with the knowledge and skills needed to become a successful entrepreneur within an innovative marketplace. The goal and outcome of the course is for students to have their business launched by the end of the course or have the tools necessary to launch and operate their business. Students are encouraged to work in close cooperation with local industry leaders, community members, and educators to develop ideas and objectives, complete a business model canvas, pitch to potential investors, register with governmental agencies, develop their brand identity, and participate in local chamber of commerce meetings and events. The recommended participants are students in the CTE Entrepreneurship program of study, students in grades 11-12, and those interested in starting a business. Social Media.						
Course Number:	8314	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Entrepreneurship I						
Special Notes:	This course is the second course to Reagan's Incubator courses.						
Course:	FASHION MARKETING						
Course Description:	Students are provided the knowledge of the various business functions in the fashion industry. In addition, students will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities.						
Course Number:	8014	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:							
Course:	FINANCIAL MATHEMATICS						
Course Description:	Students will apply mathematics to problems arising in everyday life, society, and the workplace. Students will use a problem solving model that incorporates analyzing given information, formulating a plan or a strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution.						
Course Number:	8272	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Algebra I						
Special Notes:	This course satisfies a high school mathematics graduation requirement.						
Course:	GLOBAL BUSINESS						
Course Description:	Students apply technical skills to address global business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the global business environment.						
Course Number:	8296	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:							
Course:	PRACTICUM IN ENTREPRENEURSHIP						
Course Description:	Students experience supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications in entrepreneurial studies.						
Course Number:	8312	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:							
Special Notes:	This course may require supply or certification fees.						
Course:	PRACTICUM IN MARKETING						
Course Description:	Students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students will integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical courses in marketing.						
Course Number:	8309	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:	For paid internships students must be 16 years or older and hold valid work documentation like a SSN. A student may repeat this course once for credit if the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. Students may be required to provide their own transportation to internship site.						

Course:	PRINCIPLES OF BUSINESS, MARKETING AND FINANCE						
Course Description:	Students will gain knowledge and skills in economics and private enterprise systems, business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. Students reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in business, marketing, and finance.						
Course Number:	8290	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 11
Prerequisites:							
Special Notes:							
Course:	SOCIAL MEDIA MARKETING						
Course Description:	Students will look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. In addition, the course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.						
Course Number:	6769	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:							
Course:	SPORTS AND ENTERTAINMENT MARKETING I						
Course Description:	Students are provided 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.						
Course Number:	8304	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:							
Course:	SPORTS AND ENTERTAINMENT MARKETING II						
Course Description:	Students are provided thorough understanding of the marketing concepts and theories that apply to sports and sporting events and entertainment. The areas this course will cover include advanced marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports and entertainment marketing						
Course Number:	8313	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Sports and Entertainment Marketing I						
Special Notes:							
Course:	VIRTUAL BUSINESS						
Course Description:	Students will analyze the legal, managerial, marketing, financial, ethical and international dimensions of on-line businesses to make appropriate business decisions. Students identify steps needed to locate customers, set fees, and develop client contracts in a virtual environment. Students implement administrative, creative, and technical services using advanced technological modes of communication and delivery service to build a functional website that incorporates the essentials of a virtual business.						
Course Number:	8288	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:							

Cosmetology Career Cluster (LEE HS Only)

Course:	COSMETOLOGY I						
Course Description:	In Cosmetology I, 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, hair care, nail care, and skin care, and meets the Texas Department of Licensing and Regulation (TDLR) requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.						
Course Number:	6651	Credits:	2.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	Intro to Cosmetology						
Special Notes:	Students will have mandatory lab fees to include personal supplies and state licensing. TDLR hours earned may or may not be transferable to a private cosmetology school.						
Course:	COSMETOLOGY II						
Course Description:	In Cosmetology II, students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies, and materials; and practical skills.						
Course Number:	6657	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Cosmetology I						
Special Notes:	Students will have mandatory lab fees to include personal supplies and state licensing. TDLR hours earned may or may not be transferable to a private cosmetology school.						
Course:	INTRODUCTION TO COSMETOLOGY						
Course Description:	In Introduction to Cosmetology, students explore careers in the cosmetology industry. To prepare for success, students must have academic and technical knowledge and skills relative to the industry. Students may begin to earn hours toward state licensing requirements.						
Course Number:	6650	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:	Recommended: Principles of Cosmetology Design and Color Theory						
Special Notes:	Students will have mandatory lab fees to include personal supplies and state licensing. TDLR hours earned may or may not be transferable to a private Cosmetology school.						
Course:	PRINCIPLES OF COSMETOLOGY DESIGN AND COLOR THEORY						
Course Description:	In Principles of Cosmetology Design and Color Theory, 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. Students will attain academic skills and knowledge as well as technical knowledge and skills related to cosmetology design and color theory. Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care, and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.						
Course Number:	6652	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:							
Special Notes:	Students will have mandatory lab fees to include personal supplies and state licensing. TDLR hours earned may or may not be transferable to a private cosmetology school.						

Education & Training and Human Services Career Clusters

Course:	CHILD DEVELOPMENT						
Course Description:	This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.						
Course Number:	6764	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Recommended: Principles in Human Services						
Special Notes:							
Course:	CHILD GUIDANCE						
Course Description:	This technical laboratory course addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs. Observation may be required.						
Course Number:	6765	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles in Human Services and Child Development						
Special Notes:							
Course:	COUNSELING AND MENTAL HEALTH						
Course Description:	Students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.						
Course Number:	8345	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Principles in Human Services						
Special Notes:							
Course:	DOLLARS AND SENSE						
Course Description:	This course 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.						
Course Number:	8025	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Recommended: Principles in Human Services						
Special Notes:							
Course:	FAMILY & COMMUNITY SERVICES						
Course Description:	Family and Community Services is a laboratory-based course designed to involve students in realistic and meaningful community based activities through direct service or service learning experiences. Students are provided opportunities to interact with and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.						
Course Number:	6722	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:							
Special Notes:							
Course:	HUMAN GROWTH AND DEVELOPMENT						
Course Description:	This course is an examination of human development across the lifespan with emphasis on 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.						
Course Number:	6754	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Principles of Education and Training						
Special Notes:							
Course:	LIFETIME NUTRITION AND WELLNESS						
Course Description:	This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences. Students must pass safety test with 100% mastery.						
Course Number:	8029	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Recommended: Principles in Human Services, Principles of Hospitality and Tourism, or Principles of Health Science						
Special Notes:							

Course:	PRINCIPLES OF EDUCATION AND TRAINING						
Course Description:	This is the first course in the education program of study. This course is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training.						
Course Number:	8041	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:							
Special Notes:							
Course:	PRINCIPLES OF HUMAN SERVICES						
Course Description:	This is the first course in multiple programs of study. Principles of Human Services is a laboratory course that will enable students to investigate careers in the Human Services Career Cluster, including counseling and mental health, early childhood development, family and community, personal care, and consumer 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.						
Course Number:	6721	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							
Course:	READY, SET, TEACH I						
Course Description:	This course 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, middle childhood, and adolescence 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.						
Course Number:	8084	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Principles of Education and Training and Human Growth and Development						
Special Notes:	Students may be required to provide their own transportation to internship site.						
Course:	READY, SET, TEACH II						
Course Description:	This course 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, middle childhood, and adolescence 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.						
Course Number:	8043	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Required: Ready, Set, Teach I; Recommended: Principles of Education and Training						
Special Notes:	For paid internships students must be 16 years or older and hold valid work documentation like a SSN. A student may repeat this course once for credit if the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. Students may be required to provide their own transportation to internship site.						

Health Science Career Cluster

Course:	ANATOMY & PHYSIOLOGY					
Course Description:	This course conducts laboratory and field investigations, uses scientific methods during investigations, and makes informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.					
Course Number:	3253	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	Required: Biology and a second science credit Recommended: A course from the Health Science Cluster					
Special Notes:	This course satisfies a high school science graduation requirement.					
Course:	HEALTH SCIENCE CLINICAL					
Course Description:	The Health Science Clinical Course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. Students must pass safety test with 100% mastery.					
Course Number:	8346	Credits:	2.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	Required: Biology; Recommended: Principles of Health Science					
Special Notes:	Students must have health insurance and meet special immunization requirements to allow them to work with patients in a clinical setting. A student may repeat this course once for credit if the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. For paid internships students must be 16 years or older and hold valid work documentation like a SSN. Students may be required to provide their own transportation to internship site.					
Course:	HEALTH SCIENCE THEORY					
Course Description:	This course provides 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. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.					
Course Number:	8344	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	Required: One credit in Biology and one credit from the health science cluster; Recommended: Medical Terminology;					
Special Notes:	Recommended corequisite: Health Science Clinical					
Course:	MEDICAL MICROBIOLOGY					
Course Description:	This course explores the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.					
Course Number:	6758	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	Required: Biology and Chemistry; Recommended: A course from the Health Science Career Cluster					
Special Notes:	Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.					
Course:	MEDICAL TERMINOLOGY					
Course Description:	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.					
Course Number:	6757	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Recommended: Principles of Health Science					
Special Notes:						
Course:	PATHOPHYSIOLOGY					
Course Description:	This course conducts laboratory and field investigations, uses scientific methods during investigations, and makes informed decisions using critical thinking and scientific problem solving. Students in Pathophysiology study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.					
Course Number:	6759	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	Required: Biology and Chemistry Recommended: A course from the Health Science Career Cluster					
Special Notes:	Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.					
Course:	PRINCIPLES OF HEALTH SCIENCE					
Course Description:	This is the first course in the Health Science program of study. Students will gain an overview of the therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care.					
Course Number:	8340	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:						
Special Notes:						

Hospitality & Tourism Career Cluster

Course:	ADVANCED CULINARY ARTS						
Course Description:	Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8064	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Culinary Arts						
Special Notes:	This course may require supply or certification fees.						
Course:	CULINARY ARTS						
Course Description:	Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification, a Texas culinary specialist certification, or any other appropriate industry certification. This course may be offered as a laboratory-based or internship course. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8063	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Hospitality and Tourism or Introduction to Culinary Arts						
Special Notes:	This course may require supply or certification fees.						
Course:	FOOD SCIENCE						
Course Description:	In Food Science, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8028	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Required: Three units of science including Biology and Chemistry Recommended: Principles of Hospitality and Tourism						
Special Notes:	This course may require supply or certification fees. Students must meet the 40% laboratory and fieldwork requirement This course satisfies a high school science graduation requirement						
Course:	INTRODUCTION TO CULINARY ARTS						
Course Description:	Students will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry-level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.						
Course Number:	8062	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:	Recommended: Principles of Hospitality and Tourism						
Special Notes:							
Course:	PRACTICUM IN CULINARY ARTS						
Course Description:	This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates academic, career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast changing workplace. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8021	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Advanced Culinary Arts						
Special Notes:	For paid internships, students must be 16 years or older and hold valid work documentation like a SSN. Students may be required to provide their own transportation to internship site. This course may require supply or certification fees.						

Law, Public Safety, Corrections, & Security Career Cluster

Course:	CRIMINAL INVESTIGATION						
Course Description:	Criminal Investigation is a course that introduces students to the profession of criminal investigations. Students will understand basic functions of criminal investigations and procedures and will learn how to investigate or follow up during investigations. Students will learn terminology and investigative procedures related to criminal investigation, crime scene processing, evidence collection, fingerprinting, and courtroom presentation.						
Course Number:	6748	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Law, Public Safety, Corrections, and Security						
Special Notes:							
Course:	FORENSIC SCIENCE						
Course Description:	Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8414	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Required: Biology and Chemistry Recommended: Any Law, Public Safety, Corrections, and Security Career Cluster Course						
Special Notes:	Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.						
Course:	LAW ENFORCEMENT I						
Course Description:	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.						
Course Number:	8413	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Law, Public Safety, Corrections, and Security						
Special Notes:							
Course:	LAW ENFORCEMENT II						
Course Description:	Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony.						
Course Number:	8418	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Law Enforcement I						
Special Notes:							
Course:	PRACTICUM IN LAW ENFORCEMENT						
Course Description:	The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.						
Course Number:	8417	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Law Enforcement II						
Special Notes:							
Course:	PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY						
Course Description:	This is the first course in the Law and Public Safety program of study. Students examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.						
Course Number:	8410	Credits:	2.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							

STEM Career Cluster							
Course:	ADVANCED PLACEMENT COMPUTER SCIENCE A						
Course Description:	The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language.						
Course Number:	3010	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Computer Science I Honors						
Special Notes:							
Course:	ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES						
Course Description:	AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.						
Course Number:	3007	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Computer Science I Honors; can be taken concurrently or after AP Computer Science						
Special Notes:							
Course:	COMPUTER SCIENCE I HONORS						
Course Description:	Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.						
Course Number:	3005	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Algebra I						
Special Notes:	For students wishing to satisfy the language other than English graduation requirement, students will have to earn two credits in computer programming languages: Computer Science I, course 3005, and Computer Science II, course 3006.						
Course:	COMPUTER SCIENCE II HONORS						
Course Description:	Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.						
Course Number:	3006	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Computer Science I Honors						
Special Notes:	For students wishing to satisfy the language other than English graduation requirement, students will have to earn two credits in computer programming languages: Computer Science I, course 3005, and Computer Science II, course 3006.						
Course:	ENGINEERING DESIGN AND PRESENTATION I						
Course Description:	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. The Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8252	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Required: Algebra I Recommended: Principles of Applied Engineering						
Special Notes:							
Course:	ENGINEERING DESIGN AND PRESENTATION II						
Course Description:	This course will provide students the opportunity to master computer software applications in a variety of engineering and technical fields. The Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8253	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Required: Algebra I and Geometry Recommended: Principles of Applied Engineering or Engineering Design and Presentation I						
Special Notes:	This course may require supply or certification fees.						

Course:	ENGINEERING DESIGN AND PROBLEM SOLVING						
Course Description:	Engineering design takes into consideration limiting factors or "design under constraint." Various engineering disciplines address a broad spectrum of design problems using specific concepts from the sciences and mathematics to derive a solution. The design process and problem solving are inherent to all engineering disciplines. The Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8258	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Required: Algebra I and Geometry Recommended: Two Science, Technology, Engineering, and Mathematics (STEM) Courses						
Special Notes:	Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement. This course may require supply or certification fees.						
Course:	MANUFACTURING ENGINEERING TECHNOLOGIES (MADISON HS ONLY)						
Course Description:	Students will 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. Students will prepare for success in the global economy. The study of manufacturing engineering will allow 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.						
Course Number:	8257	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Required: Algebra I Recommended: Principles of Applied Engineering						
Special Notes:							
Course:	PRINCIPLES OF APPLIED ENGINEERING						
Course Description:	This is the first course in the Engineering program of study. This introductory course 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. Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8250	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							
Course:	PRINCIPLES OF COMPUTER SCIENCE						
Course Description:	Students will have the opportunity to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems.						
Course Number:	3032	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:							
Special Notes:							
Course:	ROBOTICS I						
Course Description:	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. The Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8094	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Principles of Applied Engineering						
Special Notes:	This course may require supply or certification fees.						
Course:	ROBOTICS II						
Course Description:	This course will explore artificial intelligence and programming in the robotic and automation industry. The Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	6768	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Robotics I						
Special Notes:	This course may require supply or certification fees.						
Course:	SCIENTIFIC RESEARCH AND DESIGN						
Course Description:	The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. All of these components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high wage jobs and/or continue their education. The Students may be required to pass a safety test(s) demonstrating 100% mastery before being allowed to participate in lessons that require use of equipment or tools.						
Course Number:	8259	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Biology, Chemistry, and Integrated Physics and Chemistry (IPC) or Physics						
Special Notes:	Students must meet the 40% laboratory and fieldwork requirement. This course satisfies a high school science graduation requirement.						

Additional Courses within ALL Career Clusters

Course:		CAREER PREPARATION I					
Course Description:	This course provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The employment experience should match the student program of study for endorsement completion. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.						
Course Number:	6745	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:							
Special Notes:	Student must have a training plan on file and be employed within fifteen days of enrollment. Student must average ten (10) hours a week at a paid work-based site to stay in compliance with state regulations. Students must be 16 years or older and hold valid work documentation like a SSN. Students may be required to provide their own transportation to internship site.						
Course:		CAREER PREPARATION II					
Course Description:	This course develops essential knowledge and skills through advanced classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success.						
Course Number:	6746	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Career Preparation I						
Special Notes:	Student must have a training plan on file and be employed within fifteen days of enrollment. Student must average ten (10) hours a week at a paid work-based site to stay in compliance with state regulations. Students must be 16 years or older and hold valid work documentation like a SSN. Students may be required to provide their own transportation to internship site.						
Course:		CAREER PREPARATION I EXTENDED					
Course Description:	Extended Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.						
Course Number:	8310	Credits:	3.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:							
Special Notes:	Students must have a training plan on file and be employed within fifteen days of enrollment. Students must average fifteen (15) hours a week at a paid work-based site to stay in compliance with state regulations. Students must be 16 years or older and hold a valid work documentation, such as a SSN. Students may be required to provide their own transportation to internship site.						
Course:		CAREER PREPARATION II EXTENDED					
Course Description:	Extended Career Preparation provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.						
Course Number:	8311	Credits:	3.0	Term:	Full Year	Grade Placement:	12
Prerequisites:							
Special Notes:	Students must have a training plan on file and be employed within fifteen days of enrollment. Students must average fifteen (15) hours a week at a paid work-based site to stay in compliance with state regulations. Students must be 16 years or older and hold a valid work documentation, such as a SSN. Students may be required to provide their own transportation to internship site.						
Course:		PROJECT-BASED RESEARCH I					
Course Description:	Project-Based Research is a course for students to research a real-world problem. Students use scientific methods of investigation to conducting-depth research, compile findings, and present their findings to an audience that includes experts in the field. To attain academic success, students must have opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.						
Course Number:	8289	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:							
Special Notes:	A project plan must be on file fifteen days from the day the student enters the course. May repeat this course with different course content for up to three credits. FIRST time taking course!						

Course: NETWORKING WITH LAB – CYBER 2							
Course Description:	This Network+ course is designed to provide students with a strong foundation in networking concepts and skills. Through a combination of module-based and hands-on practice, students will learn about a range of topics including network infrastructure, network security, network troubleshooting, and network protocols. In addition to learning the theory, students will also have the opportunity to apply their knowledge through a variety of hands-on exercises and labs. One key component of this course is the use of CCNA labs, which will give students the chance to work with real world networking equipment and scenarios. This hands-on practice is essential for developing the practical skills and confidence needed to succeed in the field of networking. By the end of the course, students will be well-prepared for the Network+ certification exam and ready to take on the challenges of a career in networking.						
Course Number:	6756	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:							
Special Notes:							
Course: CYBERSECURITY / ADV. CLOUD COMPUTING – CYBER 3A / CYBER 3B							
Course Description:	This course is designed to prepare students for the CompTIA Security+ (SY0-601) exam. The exam is required for individuals who want to pursue job roles related to end-user and device security management. In this course, students will learn about various topics that are covered in the exam, including: Threats, Attacks, and Vulnerabilities; Architecture and Design; Secure Implementation; Operations/Incident Response; and Governance, Risk and Compliance. The main learning objectives of this course are to help students understand and apply knowledge of security concepts and technologies, as well as identify and mitigate threats, attacks, and vulnerabilities. Students will also learn about security architecture and design, and how to implement secure systems and networks. Additionally, students will learn about the principles of incident response and how to respond to security breaches and other security-related incidents. Finally, students will learn about governance, risk management, and compliance, and how to apply these concepts to ensure the security and integrity of systems and networks.						
Course Number:	6794 / 6795	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:							
Special Notes:							

Communication

Course:	DEBATE I					
Course Description:	Students will be introduced to the logical argumentation that takes place in policy-making and value assessment. The student will analyze a specific topic question, research to find evidence, and develop affirmative and negative case positions.					
Course Number:	5820	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Interest and Teacher Recommendation					
Special Notes:	Students who successfully complete this course also earn Public Speaking I credit.					
Course:	DEBATE II					
Course Description:	Advanced debate theory and practice will be the focus of the course, refining the student's skills in analysis, research, organization, synthesis, evaluation, and speaking. Co-curricular involvement in speech activities and contests is an integral requirement of this course.					
Course Number:	5825	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	Debate I and Instructor Approval					
Special Notes:	Students who successfully complete this course also earn Public Speaking II credit.					
Course:	DEBATE III HONORS					
Course Description:	Advanced debate theory and practice will be the focus of the course, refining the student's skills in analysis, research, organization, synthesis, evaluation, and speaking. Depth and breadth of study will be expanded so as to require the student to carry out individualized assignments which will enhance and enlarge the opportunities for higher-level thinking and problem-solving. Co-curricular involvement in speech activities and contests is an integral requirement of the course.					
Course Number:	5827	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	Debate II, B Average in Previous English Courses, and Instructor Approval					
Special Notes:	Students who successfully complete this course also earn Public Speaking III credit.					
Course:	INDEPENDENT STUDY IN SPEECH					
Course Description:	This course allows the student to determine a special project in speech communications study that requires the use of research skills in addressing a specific problem/issue/question/topic. The student is required to establish a project proposal and then work through the proposal and present written and/or oral defensive/explanation. The policy can deal with a political, social, or literary question.					
Course Number:	5828	Credits:	1.0	Term:	Full Year	Grade Placement: 12
Prerequisites:	3 Units of Speech Credit and Instructor Approval.					
Special Notes:						
Course:	ORAL INTERPRETATION I					
Course Description:	This course is designed for the student who wishes to enjoy literature by making it come alive through performance. Short selections of prose, poetry, and drama will be developed for performance as the instructor works with each student on voice and body action. Areas of study will include literary selection and analysis, breath control, articulation, projection, physicalizing, concentration, and evaluation. Classroom, as well as contest performance, receive equal emphasis.					
Course Number:	5810	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Interest and Teacher Recommendation					
Special Notes:	Students who successfully complete this course also earn Public Speaking I credit.					
Course:	ORAL INTERPRETATION II					
Course Description:	This course is designed for the student who wishes further experience in literary performance. Students on this level will continue their development of analytical and performance techniques, refining and expanding specific skills through classroom and contest participation and public performance.					
Course Number:	5815	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	Oral Interpretation and Instructor Approval					
Special Notes:	Students who successfully complete this course also earn Public Speaking II credit.					
Course:	ORAL INTERPRETATION III					
Course Description:	This course is designed for the student who wishes further experience in literary performance. Students on this level will continue their development of analytical and performance techniques, refining and expanding specific skills through classroom and contest participation and public performance.					
Course Number:	5816	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	Oral Interpretation and Instructor Approval					
Special Notes:	Students who successfully complete this course also earn Public Speaking III credit.					

English

Course:		ENGLISH I					
Course Description:	The English I course provides instruction and practice for students in the study of reading, writing, speaking, listening, and research. Students read and write in multiple genres and build on prior knowledge and skills to strengthen mastery of grade level content. They plan and write compositions, revise drafts to improve clarity, development, organization, style, diction, and sentence effectiveness, and edit them using standard English conventions.						
Course Number:	1113	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:							
Special Notes:							
Course:		ENGLISH I HONORS					
Course Description:	The English I Honors course builds upon the English I on-level curriculum and emphasizes critical and analytical thinking skills in preparation for Advanced English courses (Advanced Placement, OnRamps, Dual Credit). Students read and write in multiple genres and engage in more challenging compositions and complex texts than those assigned in the on-level course. A variety of projects involving individual and cooperative work are assigned to accommodate different learning styles.						
Course Number:	1114	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:							
Special Notes:							
Course:		ENGLISH I G/T HONORS					
Course Description:	The English I Gifted/Talented Honors course includes humanities-based topic(s)/themes and the skills required of the Honors course. The accelerated curriculum combines advanced levels of study in multiple genres and arts integration to foster creative expression and mastery of skills. Writing requirements reflect analysis, synthesis, and inquiry. The course equips the student with the communication and thinking skills essential for academic success (including SAT, ACT, and STAAR). In addition, this rigorous college-preparatory course is designed to prepare students for Advanced English courses (Advanced Placement, OnRamps, Dual Credit).						
Course Number:	1115	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:	Qualification for the District's English Gifted/Talented Program						
Special Notes:							
Course:		ENGLISH I RESOURCE					
Course Description:	The English I Resource course is for students receiving special education services whose ARD committee has determined that the student requires it and will take the applicable STAAR EOC assessment. In this special education resource class, the Texas Essential Knowledge and Skills of the English I curriculum are modified and vertically aligned to meet the individual needs of the student whose reading and writing skills are significantly below grade level.						
Course Number:	1015	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ENGLISH II					
Course Description:	The English II course provides instruction and practice to increase and refine students' communication skills, building upon the reading, writing, speaking, listening, and research skills developed in English I. Students read and write in multiple genres and critical reading and writing skills are emphasized. They compose and revise drafts to improve clarity, development, organization, style, diction, and sentence effectiveness, and edit them using standard English conventions.						
Course Number:	1213	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:	English I						
Special Notes:							
Course:		ENGLISH II HONORS					
Course Description:	The English III course provides instruction and practice to increase and refine students' communication skills, building upon the reading, writing, speaking, listening, and research skills developed in English II. Students read and write in multiple genres. Critical reading and writing skills are emphasized, in addition to the analysis of literature in historical and cultural contexts. Students compose and revise drafts to improve clarity, development, organization, style, diction, and sentence fluency, both within and between sentences, and edit them to demonstrate a command of standard English conventions.						
Course Number:	1214	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:	English I or English I Honors						
Special Notes:							

Course: ENGLISH II G/T HONORS	
Course Description:	The English II Gifted/Talented Honors course includes humanities-based topic(s)/themes and the skills required of the Honors course. The accelerated curriculum combines advanced levels of study in multiple genres and arts integration to foster creative expression and mastery of skills. Writing requirements reflect analysis, synthesis, and inquiry. The course equips the student with the communication and thinking skills essential for academic success (including SAT, ACT, and STAAR). In addition, this rigorous college-preparatory course is designed to prepare students for Advanced English courses (Advanced Placement, OnRamps, Dual Credit).
Course Number: 1215	Credits: 1.0 Term: Full Year Grade Placement: 10
Prerequisites:	English I or English I Honors and Qualification for the District's English Gifted/Talented Program
Special Notes:	Please see high school website for current summer reading list.
Course: ENGLISH II RESOURCE	
Course Description:	The English II Resource course is for students receiving special education services whose ARD committee has determined that the student requires it and will take the applicable STAAR EOC assessment. In this special education resource class, the Texas Essential Knowledge and Skills of the English I curriculum are modified and vertically aligned to meet the individual needs of the student whose reading and writing skills are significantly below grade level.
Course Number: 1016	Credits: 1.0 Term: Full Year Grade Placement: 9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination
Special Notes:	
Course: ENGLISH III	
Course Description:	The English III course provides instruction and practice to increase and refine students' communication skills, building upon the reading, writing, speaking, listening, and research skills developed in English II. Students read and write in multiple genres. Critical reading and writing skills are emphasized, in addition to the analysis of literature in historical and cultural contexts. Students compose and revise drafts to improve clarity, development, organization, style, diction, and sentence fluency, both within and between sentences, and edit them to demonstrate a command of standard English conventions.
Course Number: 1313	Credits: 1.0 Term: Full Year Grade Placement: 11
Prerequisites:	English II
Special Notes:	
Course: ADVANCED PLACEMENT ENGLISH III (AP Language & Composition)	
Course Description:	This college-level course prepares students to take the AP Language and Composition exam for possible college credit. Critical and creative thinking skills are developed through the reading and critical analysis of literature and language as well as required reading, discussion, essays, and exams. Students are required to use rhetorical analysis, critical evaluation, and advanced writing techniques. Students will read and write extensively.
Course Number: 1314	Credits: 1.0 Term: Full Year Grade Placement: 11
Prerequisites:	English II or English II Honors
Special Notes:	Potential credit for hours and/or courses varies by college and depends on AP Language scores. Typical credit given for AP Language is related to Rhetoric or Freshman Composition courses, but make sure to check with your chosen college or university, because credits given for AP Language, AP Literature, Dual Credit English, and UT OnRamps often overlap.
Course: ADVANCED PLACEMENT ENGLISH III G/T (AP Language & Composition)	
Course Description:	This college-level course prepares students to take the AP Language and Composition exam for possible college credit. Critical and creative thinking skills are developed through the reading and critical analysis of literature and language as well as required reading, discussion, essays, and exams. Students are required to use rhetorical analysis, critical evaluation, and advanced writing techniques. Students will read and write extensively.
Course Number: 1315	Credits: 1.0 Term: Full Year Grade Placement: 11
Prerequisites:	English II or English II Honors and Qualification for the District's English Gifted/Talented Program
Special Notes:	Potential credit for hours and/or courses varies by college and depends on AP Language scores. Typical credit given for AP Language is related to Rhetoric or Freshman Composition courses, but make sure to check with your chosen college or university, because credits given for AP Language, AP Literature, Dual Credit English, and UT OnRamps often overlap.
Course: ADVANCED PLACEMENT ENGLISH III (Dual Credit English 1301/1302)	
Course Description:	This college-level Composition course from San Antonio College includes intensive study of and practice in writing processes and techniques developing research-based informational texts. Focus is on academic essays as a vehicle for analysis, and emphasis is placed on rhetorical inquiry, critical reading, and synthesis of information sources. Students who meet the registration guidelines and course requirements of San Antonio College can receive credit for English 1301 and 1302.
Course Number: 1314D/1315D	Credits: 1.0 Term: Full Year Grade Placement: 11
Prerequisites:	English II or English II Honors and Qualifications for Meeting SAC Dual Credit Registration Guidelines
Special Notes:	This course encompasses Rhetoric and Composition. College credit received for this course is typically the same as credit given for Advanced English III (AP Language & Composition) since colleges vary in their process for rewarding credit based on AP scores. Make sure to check with your chosen college or university, because credits given for AP Language, AP Literature, Dual Credit English, and UT OnRamps often overlap.

Course:		ONRAMPS ENGLISH III (Rhetoric with UT)						
Course Description:		This college-level Rhetoric and Writing course prepares students for critical thinking, writing, and reading, through the analysis of literature and language as well as required reading, discussion, essays, and exams. Students learn to write sound and effective arguments on their own, analyze various positions held in any public debate, and advocate for their own positions effectively. Students will receive feedback and assessment from UT course staff. Students meeting university criteria will receive the UT credit equivalent to English 1301 and 1302.						
Course Number:		1317	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites:		English I or English I Honors and English II or English II Honors						
Special Notes:		This course encompasses Rhetoric and Composition. College credit received for this course is typically the same as credit given for Advanced English III (AP Language & Composition) since colleges vary in their process for rewarding credit based on AP scores. Make sure to check with your chosen college or university, because credits given for AP Language, AP Literature, Dual Credit English, and UT OnRamps often overlap.						
Course:		ENGLISH III RESOURCE						
Course Description:		The English III Resource course is designed for students receiving special education services whose ARD committee has determined that the student requires it. In this special education resource class, the Texas Essential Knowledge and Skills of the English III curriculum are modified and vertically aligned to meet the individual needs of the student whose reading and writing skills are significantly below grade level.						
Course Number:		1017	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:								
Course:		ENGLISH IV						
Course Description:		The English IV culminating course builds upon the reading, writing, speaking, listening, and research skills developed in English III. Students read and write in multiple genres. Critical reading and writing skills are emphasized, and the course equips students with communication skills necessary for success in college or career settings. Students compose and revise drafts to improve clarity, development, organization, style, diction, and sentence fluency, both within and between sentences, and edit them to demonstrate a command of standard English conventions.						
Course Number:		1413	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		English III						
Special Notes:								
Course:		ADVANCED PLACEMENT ENGLISH IV (AP Literature & Composition)						
Course Description:		This college-level course prepares students to take the AP Literature and Composition exam for possible college credit. Critical and creative thinking skills are developed through the reading and in-depth analysis of various genres of literature through required readings, discussions, essays and exams. Students will examine literary works and analyze literary elements in relation to the contemporary experience and the times in which they were written. Students will read and write extensively.						
Course Number:		1401	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		English III, English III AP, or OnRamps English III						
Special Notes:		Potential credit for hours and/or courses varies by college and depends on AP Literature scores. Typical credit given for AP Literature is related to college literature survey courses; however, some colleges give credit for Rhetoric or Freshman Composition courses. Make sure to check with your chosen college or university, because credits given for AP Language, AP Literature, Dual Credit English, and UT OnRamps often overlap.						
Course:		ADVANCED PLACEMENT ENGLISH IV G/T (AP Literature & Composition)						
Course Description:		This college-level course prepares students to take the AP Literature and Composition exam for possible college credit. Critical and creative thinking skills are developed through the reading and in-depth analysis of various genres of literature through required readings, discussions, essays and exams. Students will examine literary works and analyze literary elements in relation to the contemporary experience and the times in which they were written. Students will read and write extensively.						
Course Number:		1402	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		English III, English III AP, or OnRamps English III and Qualification for the District's English Gifted/Talented Program						
Special Notes:		Potential credit for hours and/or courses varies by college and depends on AP Literature scores. Typical credit given for AP Literature is related to college literature survey courses; however, some colleges give credit for Rhetoric or Freshman Composition courses. Make sure to check with your chosen college or university, because credits given for AP Language, AP Literature, Dual Credit English, and UT OnRamps often overlap.						
Course:		ADVANCED PLACEMENT ENGLISH IV (Dual Credit English 2222/2223)						
Course Description:		This college-level Literature course from San Antonio College includes a traditional survey of British literature. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Focus is on critical reading, writing, and analysis. Students who meet the registration guidelines and course requirements of San Antonio College can receive credit for English 2222 and 2223.						
Course Number:		1401D/1402D	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		English III or Advanced English III and Credits in 1301/1302 (obtained from AP Language, UT OnRamps, or Dual Credit English)						
Special Notes:		This course encompasses British Literature. College credit received for this course is sometimes the same as credit given for Advanced English IV (AP Literature & Composition) since colleges vary in their process for rewarding credit based on AP scores. Make sure to check with your chosen college or university, because credits given for AP Language, AP Literature, Dual Credit English, and UT OnRamps often overlap.						

Course: COLLEGE PREPARATORY ENGLISH LANGUAGE ARTS							
Course Description:	This course is designed to prepare students for college level reading and writing intensive courses including freshmen composition and other introductory college courses. Students will learn to use critical writing and reading to develop and represent the processes and products of their critical thinking. Through critical writing and reading, writers think through ideas, problems, and issues; identify and challenge assumptions; and explore multiple ways of understanding.						
Course Number:	1300	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	English III or English III AP; Students must have already passed all ELA STAAR/EOC exams.						
Special Notes:	The course fulfills TSI requirements for reading and writing. Students completing the year-long course and passing with a 75 or higher are TSI exempt at Alamo Colleges and UTSA. Please check the eligible pathways document in this catalog to ensure this course fulfills the fourth-year advanced English requirements for the student's endorsement and pathway.						
Course: ENGLISH IV RESOURCE							
Course Description:	The English IV Resource course is designed for students receiving special education services whose ARD committee has determined that the student requires it. In this special education resource class, the Texas Essential Knowledge and Skills of the English III curriculum are modified and vertically aligned to meet the individual needs of the student whose reading and writing skills are significantly below grade level.						
Course Number:	1418	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							

English for Speakers of Other Languages

Course:		ENGLISH I FOR SPEAKERS OF OTHER LANGUAGES (ESOL I)					
Course Description:	This course is equivalent to English I and is a requirement for Newcomer Emergent Bilinguals who meet the prerequisites. ENG6/SOL provides the linguistic, affective, and cognitive development of English literacy and oracy. Instruction is linguistically accommodated (communicated, sequenced, and scaffolded) and aligned to the English Language Proficiency Standards (ELPS) and Texas Essential Knowledge and Skills (TEKS). Its curriculum focuses on the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research.						
Course Number:	1021	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:	LPAC Committee Decision; 1-3 years in U.S. with proficiency levels 1-3 Las Links/ 1-2 TELPAS Composite						
Special Notes:	This course targets beginner and intermediate students, as determined by the LPAC Committee.						
Course:		ENGLISH II FOR SPEAKERS OF OTHER LANGUAGES (ESOL II)					
Course Description:	This course is equivalent to English II and is a requirement for Newcomer Emergent Bilinguals who meet the prerequisites. ENG6/SOL provides the linguistic, affective, and cognitive development of English literacy and oracy. Instruction is linguistically accommodated (communicated, sequenced, and scaffolded) and aligned to the English Language Proficiency Standards (ELPS) and Texas Essential Knowledge and Skills (TEKS). Its curriculum focuses on the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research.						
Course Number:	1022	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:	LPAC Committee Decision; 1-3 years in U.S. with proficiency levels 1-3 Las Links/ 1-2 TELPAS Composite, ESOL I						
Special Notes:	This course targets beginner and intermediate students, as determined by the LPAC Committee.						
Course:		ENGLISH LANGUAGE DEVELOPMENT & ACQUISITION (NELD) I (First Time Taken)					
Course Description:	This course is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. These students have scored at the negligible / very limited academic language level of the state-approved English oral language proficiency tests. This course must be taken concurrently with a corequisite language arts course. (LPAC placement)						
Course Number:	7631	Credits:	1	Term:	Full Year	Grade Placement:	
Prerequisites:	Required Elective for: ESOL I or ESOL II						
Special Notes:	Course Note: This course targets beginner and intermediate students, as determined by the LPAC Committee.						
Course:		ENGLISH LANGUAGE DEVELOPMENT & ACQUISITION (NELD) II (Second Time Taken)					
Course Description:	This course is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. These students have scored at the negligible / very limited academic language level of the state-approved English oral language proficiency tests. This course must be taken concurrently with a corequisite language arts course. (LPAC placement) Recommended corequisites: ESOL I or ESOL II						
Course Number:	7632	Credits:	1	Term:	Full Year	Grade Placement:	
Prerequisites:	Required Elective for: ESOL I or ESOL II						
Special Notes:	Course Note: This course targets beginner and intermediate students, as determined by the LPAC Committee.						
Course:		PRACTICAL WRITING/SOL III					
Course Description:	This course emphasizes skill in the use of conventions of written English, the appropriate and effective application of English grammar, the reading comprehension of informational text, and the effective use of vocabulary. Students are expected to understand the recursive nature of reading and writing. Evaluation of students' own writing as well as the writing of others ensures that students completing this course are able to analyze and evaluate their writing. Practical Writing may also serve as a preparatory course for students who have previously been unsuccessful on the STAAR English EOCs.						
Course Number:	1020	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	Courses in native country equivalent to 2 years of English or English I/SOL and English II/SOL, and concurrent enrollment in English III or non-completion of the required state assessment.						
Special Notes:							
Course:		INDEPENDENT STUDY IN ENG/SOL IV					
Course Description:	This is a required course for LEP students who are concurrently enrolled in regular English IV classes and are designated seniors. Students will write in a variety of forms for various issues and purposes. They will plan, draft and complete written compositions both traditionally and electronically. Students continue to read extensively texts selected in multiple genres for a variety of purposes. Students will respond to texts verbally and in writing. Students will connect their knowledge of the world and the knowledge they gather from other texts with the text being read. They will apply their knowledge and literacy in their native language to the second language. The course will be taught using ESL methodology.						
Course Number:	1024	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Courses in the native country equivalent to 3 years of English or English I/SOL, English II/SOL, and English III/SOL or non-completion of the required state assessment.						
Special Notes:							

English Language Arts Electives

Course:	ANALYSIS OF VISUAL MEDIA					
Course Description:	In this elective course students will study the various visual arts including radio, television, movies, painting, and multi-media to understand how they illustrate a message or theme. This course is analytically oriented. Students will learn broadcasting background and will examine current media trends. They will also gain "hands on" experience in media production by writing, producing, directing, and editing programs and by running cameras. This course will have a strong composition emphasis which includes written critiques, essays, creative dialogues, editing sessions, interview questions, television copy, and research.					
Course Number:	1730	Credits:	0.5	Term:	Semester	Grade Placement: 11 - 12
Prerequisites:	Teacher Recommendation					
Special Notes:						
Course:	CREATIVE WRITING					
Course Description:	The creative writing course is for the student who enjoys writing and would like to develop his creativity and increase his output. Writing is concentrated on the genres of poetry, short story, and various types of essays. Students will work independently or in collaborative groups, or with the instructor to develop individual projects. Students are encouraged to participate in writing workshops and contests to hone their craft.					
Course Number:	1634	Credits:	0.5	Term:	Semester	Grade Placement: 9 - 12
Prerequisites:	Teacher Recommendation					
Special Notes:						
Course:	INDEPENDENT STUDY IN ENGLISH					
Course Description:	The independent study in English is an individually designed course for motivated students to think critically and research, explore, develop arguments, collaborate, and communicate using various media. Students will explore complex issues through a variety of lenses and consider multiple points of view to make connections and develop major work products that demonstrate advanced skills or specific areas of interest.					
Course Number:	1525	Credits:	0.5	Term:	Semester	Grade Placement: 11 - 12
Prerequisites:	Teacher Recommendation					
Special Notes:						
Course:	INDEPENDENT STUDY/LIT MAG PRODUCTION					
Course Description:	The independent Study/Lit Mag Production is a course for students who desire to produce original student work in print through a literary magazine.					
Course Number:	1527	Credits:	0.5	Term:	Semester	Grade Placement: 9 - 12
Prerequisites:	Teacher Recommendation					
Special Notes:						
Course:	INTERNSHIP					
Course Description:	The independent study in English that includes leadership and mentorship is an individually designed course for motivated students. Students research and prepare projects which are connected to working with mentors in various fields. A final, formal presentation that includes all stages of the projects, using media and technology, is a key component of the course.					
Course Number:	1523	Credits:	1.0	Term:	Full Year	Grade Placement: 12
Prerequisites:						
Special Notes:						
Course:	LITERARY GENRES					
Course Description:	The Literary Genres course addresses general literary skills. The student will be provided opportunities to distinguish among denotative, connotative, and figurative language. The student will work with symbolism, imagery, tone, mood, irony, and style in all genres. The student will recognize universal themes and point of view and will develop and apply criteria for evaluation of literary works. The student will work with poetry, short stories, and drama as three major genres of literature and will be able to work with the skills required for each genre.					
Course Number:	1602	Credits:	0.5	Term:	Semester	Grade Placement: 10 - 12
Prerequisites:	Teacher Recommendation					
Special Notes:						
Course:	PRACTICAL WRITING SKILLS					
Course Description:	In the Practical Writing course, students will develop effective writing skills emphasizing the command of standard English conventions and grammar, the comprehension of informational text, and the use of vocabulary in context. Students are expected to understand the recursive nature of reading and writing. Enrolled students will write short answer responses, essays, and use writing as a tool for learning and reflection. Students will evaluate their own writing and participate in peer editing opportunities. Practical Writing may also serve as a preparatory course for students who have previously been unsuccessful on the STAAR English EOCs.					
Course Number:	1635	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Teacher Recommendation					
Special Notes:						

Course:	COMMUNICATION APPLICATIONS						
Course Description:	Students will be expected to develop and expand their ability to write, read, edit, speak, listen, apply software application, manipulate computer graphics, and conduct Internet research.						
Course Number:	5807	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							

Fine Arts - Choral Music

Course:	CHOIR I					
Course Description:	This course will explore and study basic vocal and choral techniques including good tone production, dictation, balance and blend and artistic interpretation of the composer's intent. Music theory and sight-singing will be part of the curriculum with performance opportunities available.					
Course Number:	5711	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Interest					
Special Notes:	Students participating in this performing arts course will be charged a district uniform rental fee of \$10 per year.					
Course:	CHOIR II					
Course Description:	Reading and vocal skills will continue to be developed. The student will be provided opportunities to experience and discuss a variety of choral styles and composers. This class will participate in scheduled performances and competitions.					
Course Number:	5721	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Placement by Audition/Teacher Recommendation					
Special Notes:	Students participating in this performing arts course will be charged a district uniform rental fee of \$10 per year.					
Course:	CHOIR III					
Course Description:	Basic singing skills and the study of vocal and choral techniques will be amplified, with a continuing emphasis on sight-singing, music theory and music literature. Performance opportunities, exploration of self-expression through music and competitive activities are stressed.					
Course Number:	5731	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Placement by Audition/Teacher Recommendation					
Special Notes:	Students participating in this performing arts course will be charged a district uniform rental fee of \$10 per year.					
Course:	CHOIR IV					
Course Description:	Further study of vocal skills and choral techniques will be encouraged with a continued emphasis on sight-singing, music theory and music literature. Self-expression through musical performance will be emphasized and participation in competitive activities will be encouraged.					
Course Number:	5741	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	Audition/Teacher Recommendation					
Special Notes:	Students participating in this performing arts course will be charged a district uniform rental fee of \$10 per year.					
Course:	VOCAL ENSEMBLE I					
Course Description:	This course is for a highly select number of students who will learn choral music through performance of many varied styles of choral music. Prior choral experience is needed for entry into these groups.					
Course Number:	5751	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	Audition/Teacher Recommendation					
Special Notes:						
Course:	VOCAL ENSEMBLE II					
Course Description:	This course is for a highly select number of students who will learn choral music through performance of many varied styles of choral music. Prior choral experience is needed for entry into these groups.					
Course Number:	5761	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	Audition/Teacher Recommendation					
Special Notes:						
Course:	VOCAL ENSEMBLE III					
Course Description:	This course if for a highly select number of students who will learn choral music through performance of many varied styles of choral music. Prior choral experience is needed for entry into these groups.					
Course Number:	5771	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	Audition/Teacher Recommendation					
Special Notes:						

Fine Arts - Dance

Course:	CHEER I					
Course Description:	The student will be offered opportunities to explore the vocabulary of movement and to acquire the fundamental, intermediate, and advanced skills. The student will explore motions, cheers, chants, tumbling, stunting, physical conditioning and other cheer fundamentals. The student will further develop creative expression through movement, develop an awareness of space, time and energy, and develop self-confidence and leadership skills.					
Course Number:	7430	Credits:	1.0	Term:	Full Year	Grade Placement: 9
Prerequisites:	Audition/Teacher Recommendation					
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who is in the first year of any high school spirit organization course.					
Course:	CHEER II					
Course Description:	The student will be offered opportunities to explore the vocabulary of movement and to acquire the fundamental, intermediate and advanced skills. The student will explore motions, cheers, chants, tumbling, stunting, physical conditioning and other cheer fundamentals. The student will further develop creative expression through movement, develop an awareness of space, time and energy, and develop self-confidence and leadership skills.					
Course Number:	7431	Credits:	1.0	Term:	Full Year	Grade Placement: 10
Prerequisites:	Prior Dance Experience and Teacher Recommendation					
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any one year of high school spirit organization course.					
Course:	CHEER III					
Course Description:	The student will be offered opportunities to explore the vocabulary of movement and to acquire the fundamental, intermediate and advanced skills. The student will explore motions, cheers, chants, tumbling, stunting, physical conditioning and other cheer fundamentals. The student will further develop creative expression through movement, develop an awareness of space, time and energy, and develop self-confidence and leadership skills.					
Course Number:	7432	Credits:	1.0	Term:	Full Year	Grade Placement: 11
Prerequisites:	Prior Dance Experience/Audition/Teacher Recommendation					
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any two years of high school spirit organization course.					
Course:	CHEER IV					
Course Description:	The student will be offered opportunities to explore the vocabulary of movement and to acquire the fundamental, intermediate and advanced skills. The student will explore motions, cheers, chants, tumbling, stunting, physical conditioning and other cheer fundamentals. The student will further develop creative expression through movement, develop an awareness of space, time and energy, and develop self-confidence and leadership skills.					
Course Number:	7433	Credits:	1.0	Term:	Full Year	Grade Placement: 12
Prerequisites:	Prior Dance Experience/Audition/Teacher Recommendation					
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any three years of high school spirit organization course.					
Course:	DANCE TEAM II					
Course Description:	Vocabulary of dance movement and knowledge of factors that influence movement will be further explored. Creative expression through choreography opportunities will be introduced. Development of sensitivity to tempo, spatial concepts and floor patterns and an increased ability to perform technical skills in dance will be pursued. Audition procedures for performance will be introduced. The student will begin the performance phase at this level.					
Course Number:	7416	Credits:	1.0	Term:	Full Year	Grade Placement: 10
Prerequisites:	Prior Dance Experience and Teacher Recommendation					
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any two years of high school spirit organization course.					
Course:	DANCE TEAM III					
Course Description:	Emphasis will include more in-depth instruction in factors that influence movement. The student will additionally explore design factors in dance techniques and composition, learn to audition, rehearse and perform in public, choreograph movement statements and analyze and evaluate dance performance. Instructional and choreography procedures will be utilized at this level.					
Course Number:	7417	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	Prior Dance Experience/Audition/Teacher Recommendation					
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any two years of high school spirit organization course.					

Course:		DANCE TEAM IV									
Course Description:		Emphasis will include more in-depth instruction in factors that influence movement. The student will additionally explore design factors in dance technique and composition, learn to audition, rehearse and perform in public, choreograph movement statements and analyze and evaluate dance performance. Instructional and choreography procedures will be utilized at this level.									
Course Number:		7418	Credits:		1.0	Term:		Full Year	Grade Placement:		12
Prerequisites:		Prior Dance Experience/Audition/Teacher Recommendation									
Special Notes:		Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any two years of high school spirit organization course.									
Course:		DANCE WELLNESS									
Course Description:		This course will provide athletes with fundamental skills and knowledge of dance as an art form and lifetime activity, with a specific emphasis on areas that will improve athletic ability. Students will study various forms of dance such as ballet, jazz, hip hop, and social dance, as well as broader aspects of dance such as injury prevention, stretching, and building muscle tone. This course will help increase flexibility, balance, explosiveness, and agility in athletes.									
Course Number:		7410	Credits:		1.0	Term:		Full Year	Grade Placement:		10 - 12
Prerequisites:		None									
Special Notes:											
Course:		DRILL/JV DANCE II									
Course Description:		Vocabulary of dance movement and knowledge of factors that influence movement will be further explored. Creative expression through choreography opportunities will be introduced. Development of sensitivity to tempo, spatial concepts and floor patterns and an increased ability to perform technical skills in dance will be pursued. Audition procedures for performance will be introduced. The student will begin the performance phase at this level.									
Course Number:		7412	Credits:		1.0	Term:		Full Year	Grade Placement:		10
Prerequisites:		Prior Dance Experience and Teacher Recommendation									
Special Notes:		Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any two years of high school spirit organization course.									
Course:		DRILL/JV DANCE III									
Course Description:		Emphasis will include more in-depth instruction in factors that influence movement. The student will additionally explore design factors in dance techniques and composition, learn to audition, rehearse and perform in public, choreograph movement statements and analyze and evaluate dance performance. Instructional and choreography procedures will be utilized at this level.									
Course Number:		7413	Credits:		1.0	Term:		Full Year	Grade Placement:		11
Prerequisites:		Prior Dance Experience/Audition/Teacher Recommendation									
Special Notes:		Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any two years of high school spirit organization course.									
Course:		DRILL/JV DANCE IV									
Course Description:		Emphasis will include more in-depth instruction in factors that influence movement. The student will additionally explore design factors in dance technique and composition, learn to audition, rehearse and perform in public, choreograph movement statements and analyze and evaluate dance performance. Instructional and choreography procedures will be utilized at this level.									
Course Number:		7414	Credits:		1.0	Term:		Full Year	Grade Placement:		12
Prerequisites:		Prior Dance Experience/Audition/Teacher Recommendation									
Special Notes:		Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any two years of high school spirit organization course.									
Course:		PEP SQUAD I									
Course Description:		The student will be offered opportunities to explore the vocabulary of dance movement and to acquire fundamental skills in ballet, jazz, novelty, military, pom, high kick and prop. The student will explore hand routines, cheers, chants and marching fundamentals. The student will further develop creative expression through movement, develop an awareness of space, time and energy as design factors in dance and develop self-confidence through dance and appreciation for dance as an art form.									
Course Number:		7402	Credits:		1.0	Term:		Full Year	Grade Placement:		9
Prerequisites:		Interest									
Special Notes:		Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any two years of high school spirit organization course.									

Course:		PEP SQUAD II						
Course Description:		Vocabulary of dance movement and knowledge of factors that influence movement will be further explored. Creative expression through choreography opportunities will be introduced. Development of sensitivity to tempo, spatial concepts and floor patterns and an increased ability to perform technical skills in dance will be pursued. Audition procedures for performance will be introduced. The student will begin the performance phase at this level.						
Course Number:		7403	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:		Prior Dance Experience and Teacher Recommendation						
Special Notes:		Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any two years of high school spirit organization course.						
Course:		PEP SQUAD III						
Course Description:		Emphasis will include more in-depth instruction in factors that influence movement. The student will additionally explore design factors in dance techniques and composition, learn to audition, rehearse and perform in public, choreograph movement statements and analyze and evaluate dance performance. Instructional and choreography procedures will be utilized at this level.						
Course Number:		7404	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites:		Prior Dance Experience/Audition/Teacher Recommendation						
Special Notes:		Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any two years of high school spirit organization course.						
Course:		PEP SQUAD IV						
Course Description:		Emphasis will include more in-depth instruction in factors that influence movement. The student will additionally explore design factors in dance technique and composition, learn to audition, rehearse and perform in public, choreograph movement statements, analyze, and evaluate dance performance. Instructional and choreography procedures will be utilized at this level.						
Course Number:		7405	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Prior Dance Experience/Audition/Teacher Recommendation						
Special Notes:		Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any three years of high school dance classes.						
Course:		PRINCIPLES OF DANCE I						
Course Description:		The student will be offered opportunities to explore the vocabulary of dance movement and to acquire the fundamental skills in ballet, jazz, modern, contemporary, and other forms of dance movement. The student will further develop expression through movement, develop an awareness of space, time, and energy as design factors in dance, and develop self-confidence through dance and appreciation for dance as an art form.						
Course Number:		7421	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Interest						
Special Notes:		For a student who is in the first year of any high school dance class.						
Course:		PRINCIPLES OF DANCE II						
Course Description:		Vocabulary of dance movement and knowledge of factors that influence movement will be further explored. Creative expression through choreography opportunities will be introduced. Development of sensitivity to tempo, spatial concepts and floor patterns and an increased ability to perform technical skills in dance will be pursued. Audition procedures for performance will be introduced. The student will begin the performance phase at this level.						
Course Number:		7422	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Prior Dance Experience and Teacher Recommendation						
Special Notes:		For a student who has completed any one year of high school dance class.						
Course:		PRINCIPLES OF DANCE III						
Course Description:		Emphasis will include more in-depth instruction in factors that influence movement. The student will additionally explore design factors in dance techniques and composition, learn to audition, rehearse, and perform in public, choreograph movement statements, and analyze and evaluate dance performance. Instructional and choreography procedures will be utilized at this level.						
Course Number:		7423	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Prior Dance Experience/Audition/Teacher Recommendation						
Special Notes:		For a student who has completed any two years of high school dance classes.						
Course:		PRINCIPLES OF DANCE IV						
Course Description:		Emphasis will include more in-depth instruction in factors that influence movement. The student will additionally explore design factors in dance techniques and composition, learn to audition, rehearse, and perform in public, choreograph movement statements, and analyze and evaluate dance performance. Instructional and choreography procedures will be utilized at this level.						
Course Number:		7424	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Prior Dance Experience/Audition/Teacher Recommendation						
Special Notes:		For a student who has completed any three years of high school dance classes.						

Course:	SPIRIT LEADERSHIP I						
Course Description:	The student will be offered opportunities to explore more in-depth methods of leadership as it pertains to the spirit organization. The student will be challenged with creative expression task such as choreography and movement development. The student will plan, and complete tasks assigned by the spirit director to enhance the experience of the spirit organization for all members.						
Course Number:	7408	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Prior Dance Experience/Audition/Teacher Recommendation						
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any two years of high school dance classes.						
Course:	SPIRIT LEADERSHIP II						
Course Description:	The student will be offered opportunities to explore more in-depth methods of leadership as it pertains to the spirit organization. The student will be challenged with creative expression task such as choreography and movement development. The student will plan, and complete tasks assigned by the spirit director to enhance the experience of the spirit organization for all members.						
Course Number:	7409	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Prior Dance Experience/Audition/Teacher Recommendation						
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. For a student who has completed any three years of high school dance classes.						

Fine Arts - Instrumental Music

Course:		ADVANCED PLACEMENT MUSIC THEORY					
Course Description:	This accelerated music theory course focuses on the principles of music composition. Students will develop and master aural skills in music reading and sight-singing; will master melodic/harmonic/rhythmic dictation; will study form and analysis of musical composition; and will develop critical evaluation skills with regard to musical performance. Attendance at a variety of musical performances is a requirement for this course. Students will prepare for the Advanced Placement Exam through intensive study and analysis of musical examples in scores, recordings, and live performance. Students passing the Advanced Placement Exam may receive college credit.						
Course Number:	5680	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Teacher Recommendation/Students must be currently enrolled in Band, Choir, or Orchestra						
Special Notes:							
Course:		BAND I					
Course Description:	During the fall semester, marching band is the primary performing organization. Appearances at pep rallies, football games, parades, competitions, and other community gatherings require a substantial amount of out-of-school practice for students enrolled in the course. Some campuses may offer concert band activities in addition to the marching band during the fall semester. During the spring semester, students are placed into a concert band class (Varsity, Non-Varsity, Sub-Non-Varsity) based on their proficiency on their instruments. In the spring semester, students will also be required to spend some time outside of the school day in the form of sectionals or full-band rehearsals preparing for performances and evaluations.						
Course Number:	5611	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:	Placement of Audition/Teacher Recommendation						
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. Students who utilize instruments owned by NEISD will be charged a district instrument usage fee of \$30 per year.						
Course:		BAND II					
Course Description:	During the fall semester, marching band is the primary performing organization. Appearances at pep rallies, football games, parades, competitions, and other community gatherings require a substantial amount of out-of-school practice for students enrolled in the course. Some campuses may offer concert band activities in addition to the marching band during the fall semester. During the spring semester, students are placed into a concert band class (Varsity, Non-Varsity, Sub-Non-Varsity) based on their proficiency on their instruments. In the spring semester, students will also be required to spend some time outside of the school day in the form of sectionals or full-band rehearsals preparing for performances and evaluations.						
Course Number:	5621	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:	Placement of Audition/Teacher Recommendation						
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. Students who utilize instruments owned by NEISD will be charged a district instrument usage fee of \$30 per year.						
Course:		BAND III					
Course Description:	During the fall semester, marching band is the primary performing organization. Appearances at pep rallies, football games, parades, competitions, and other community gatherings require a substantial amount of out-of-school practice for students enrolled in the course. Some campuses may offer concert band activities in addition to the marching band during the fall semester. During the spring semester, students are placed into a concert band class (Varsity, Non-Varsity, Sub-Non-Varsity) based on their proficiency on their instruments. In the spring semester, students will also be required to spend some time outside of the school day in the form of sectionals or full-band rehearsals preparing for performances and evaluations.						
Course Number:	5632	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	Placement of Audition/Teacher Recommendation						
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. Students who utilize instruments owned by NEISD will be charged a district instrument usage fee of \$30 per year.						
Course:		BAND IV					
Course Description:	During the fall semester, marching band is the primary performing organization. Appearances at pep rallies, football games, parades, competitions, and other community gatherings require a substantial amount of out-of-school practice for students enrolled in the course. Some campuses may offer concert band activities in addition to the marching band during the fall semester. During the spring semester, students are placed into a concert band class (Varsity, Non-Varsity, Sub-Non-Varsity) based on their proficiency on their instruments. In the spring semester, students will also be required to spend some time outside of the school day in the form of sectionals or full-band rehearsals preparing for performances and evaluations.						
Course Number:	5642	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Placement of Audition/Teacher Recommendation						
Special Notes:	Students participating in this performing arts course will be charged a district uniform fee of \$25 per year. Students who utilize instruments owned by NEISD will be charged a district instrument usage fee of \$30 per year.						

Course: FLAGS I							
Course Description: Students will explore dance technique and composition through participation in the color guard.							
Course Number:	5619	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Placement by Audition/Teacher Recommendation							
Special Notes: Students participating in this performing arts course will be charged a district uniform fee of \$25 per year.							
Course: FLAGS II							
Course Description: Students will explore dance technique and composition through participation in the color guard.							
Course Number:	5629	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites: Placement by Audition/Teacher Recommendation							
Special Notes: Students participating in this performing arts course will be charged a district uniform fee of \$25 per year.							
Course: FLAGS III							
Course Description: Students will explore dance technique and composition through participation in the color guard.							
Course Number:	5639	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: Placement by Audition/Teacher Recommendation							
Special Notes: Students participating in this performing arts course will be charged a district uniform fee of \$25 per year.							
Course: FLAGS IV							
Course Description: Students will explore dance technique and composition through participation in the color guard.							
Course Number:	5649	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites: Placement by Audition/Teacher Recommendation							
Special Notes: Students participating in this performing arts course will be charged a district uniform fee of \$25 per year.							
Course: INSTRUMENTAL ENSEMBLE I							
Course Description:	This course is offered for those students who are striving to reach a high degree of excellence in musical performance and who elect to schedule two music courses during the same semester. Exception: Guitar students. Emphasis is placed on individual performance considerations with regard to specific instruments and the problems one encounters during performances on that instrument.						
Course Number:	5691	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Placement by Audition/Teacher Recommendation Must be currently enrolled in band or orchestra class Exception: Guitar students							
Special Notes:							
Course: INSTRUMENTAL ENSEMBLE II							
Course Description:	This course is offered for those students who are striving to reach a high degree of excellence in musical performance and who elect to schedule two music courses during the same semester. Exception: Guitar students. Emphasis is placed on individual performance considerations with regard to specific instruments and the problems one encounters during performances on that instrument.						
Course Number:	5692	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Placement by Audition/Teacher Recommendation Must be currently enrolled in band or orchestra class Exception: Guitar students							
Special Notes:							
Course: INSTRUMENTAL ENSEMBLE III							
Course Description:	This course is offered for those students who are striving to reach a high degree of excellence in musical performance and who elect to schedule two music courses during the same semester. Exception: Guitar students. Emphasis is placed on individual performance considerations with regard to specific instruments and the problems one encounters during performances on that instrument.						
Course Number:	5693	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Placement by Audition/Teacher Recommendation Must be currently enrolled in band or orchestra class Exception: Guitar students							
Special Notes:							
Course: INSTRUMENTAL ENSEMBLE IV							
Course Description:	This course is offered for those students who are striving to reach a high degree of excellence in musical performance and who elect to schedule two music courses during the same semester. Exception: Guitar students. Emphasis is placed on individual performance considerations with regard to specific instruments and the problems one encounters during performances on that instrument.						
Course Number:	5694	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Placement by Audition/Teacher Recommendation Must be currently enrolled in band or orchestra class Exception: Guitar students							
Special Notes:							

Course: ORCHESTRA I	
Course Description:	Major emphasis in the high school orchestra is on the continued development of technical skills and musical knowledge through the preparation and performance of music of the masters. Every effort is made to maintain a well-balanced instrumentation. The student should be prepared to spend substantial time outside of the regular classroom period for practice and performance.
Course Number: 5671	Credits: 1.0 Term: Full Year Grade Placement: 9 - 12
Prerequisites:	Placement of Audition/Teacher Recommendation
Special Notes:	Students participating in this performing arts course will be charged a district uniform rental fee of \$10 per year. Students who utilize instruments owned by NEISD will be charged a district instrument usage fee of \$30 per year.
Course: ORCHESTRA II	
Course Description:	Major emphasis in the high school orchestra is on the continued development of technical skills and musical knowledge through the preparation and performance of music of the masters. Every effort is made to maintain a well-balanced instrumentation. The student should be prepared to spend substantial time outside of the regular classroom period for practice and performance.
Course Number: 5672	Credits: 1.0 Term: Full Year Grade Placement: 9 - 12
Prerequisites:	Placement of Audition/Teacher Recommendation
Special Notes:	Students participating in this performing arts course will be charged a district uniform rental fee of \$10 per year. Students who utilize instruments owned by NEISD will be charged a district instrument usage fee of \$30 per year.
Course: ORCHESTRA III	
Course Description:	Major emphasis in the high school orchestra is on the continued development of technical skills and musical knowledge through the preparation and performance of music of the masters. Every effort is made to maintain a well-balanced instrumentation. The student should be prepared to spend substantial time outside of the regular classroom period for practice and performance.
Course Number: 5673	Credits: 1.0 Term: Full Year Grade Placement: 9 - 12
Prerequisites:	Placement of Audition/Teacher Recommendation
Special Notes:	Students participating in this performing arts course will be charged a district uniform rental fee of \$10 per year. Students who utilize instruments owned by NEISD will be charged a district instrument usage fee of \$30 per year.
Course: ORCHESTRA IV	
Course Description:	Major emphasis in the high school orchestra is on the continued development of technical skills and musical knowledge through the preparation and performance of music of the masters. Every effort is made to maintain a well-balanced instrumentation. The student should be prepared to spend substantial time outside of the regular classroom period for practice and performance.
Course Number: 5674	Credits: 1.0 Term: Full Year Grade Placement: 9 - 12
Prerequisites:	Placement of Audition/Teacher Recommendation
Special Notes:	Students participating in this performing arts course will be charged a district uniform rental fee of \$10 per year. Students who utilize instruments owned by NEISD will be charged a district instrument usage fee of \$30 per year.

Fine Arts - Theatre Arts

Course:		TECHNICAL THEATRE I					
Course Description:	This course is designed for the student interested in pursuing the craft of stage design and execution and theatre management. The student will explore scenery, properties, lighting, costumes, makeup, sound, public relations and research and design. Students will also evaluate the work of other technicians and expand their appreciation of theatre through attendance at and involvement in theatrical events. Co-curricular involvement in production activities is an integral and essential requirement of the class.						
Course Number:	5920	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Interest, Previous Middle School or High School Theatre Arts Class, and Teacher Recommendation (For the entering 9th grade student, the middle school theatre arts teacher should be the recommending teacher. For students in grades 10-12 or coming from outside the NEISD, the high school instructor should be the recommending teacher.)						
Special Notes:							
Course:		TECHNICAL THEATRE II					
Course Description:	This course is designed for the student interested in pursuing the craft of stage design and execution and theatre management. The student will explore scenery, properties, lighting, costumes, makeup, sound, public relations and research and design. Students will also evaluate the work of other technicians and expand their appreciation of theatre through attendance at and involvement in theatrical events. Co-curricular involvement in production activities is an integral and essential requirement of the class.						
Course Number:	5925	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Technical Theatre I and Teacher Recommendation						
Special Notes:							
Course:		TECHNICAL THEATRE III					
Course Description:	This course is designed for the student interested in pursuing the craft of stage design and execution and theatre management. The student will explore scenery, properties, lighting, costumes, makeup, sound, public relations and research and design. Students will also evaluate the work of other technicians and expand their appreciation of theatre through attendance at and involvement in theatrical events. Co-curricular involvement in production activities is an integral and essential requirement of the class.						
Course Number:	5930	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Technical Theatre II and Teacher Recommendation						
Special Notes:							
Course:		TECHNICAL THEATRE IV					
Course Description:	This technical theatre course is designed for students interested in pursuing the craft of stage design and execution as well as theatre management. The student will explore scenery, properties, lighting, costumes, make-up, sound, public relations and research and design. Students will also evaluate the work of other technicians and expand their appreciation of theatre through attendance at and involvement in theatrical events.						
Course Number:	5931	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Technical Theatre I-III						
Special Notes:							
Course:		THEATRE AND MEDIA COMMUNICATIONS I					
Course Description:	Theatre and Media Communications I provides students with a rigorous and relevant experiential study of theatre along with video and audio design. Creation and analysis of student performances will be balanced with explorations into contemporary practices in digital media. Students will learn how to bridge traditional stagecraft with current technology applications to create new media such as digital images, multimedia presentation, digital video, and interactive performances.						
Course Number:	5932	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Theatre Arts I & Theatre Arts II or Technical Theatre I						
Special Notes:							
Course:		THEATRE AND MEDIA COMMUNICATIONS II					
Course Description:	Theatre and Media Communications II continues with the rigorous and relevant experiential study of theatre along with video and audio, which the first level of Theatre and Media Communications I introduced. Creation and analysis of student performances are balanced with exploitation in contemporary practices in digital media. Students learn how to bridge traditional stagecraft with the current technology applications to create new media such as digital images, multimedia presentation, digital video, and interactive performances.						
Course Number:	5933	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Theatre and Media Communications I						
Special Notes:							

Course:		THEATRE ARTS I						
Course Description:		Theatre Arts I, designed as a survey course, provides the student with an intense sampling of all facts of theatre, with an emphasis being placed on actor training. The subject matter will range from stage terminology, structure of plays and early theatrical history to vocal and movement training for the actor. Also included will be acting (improvisation, character analysis and duet/group acting) as well as stage design and construction, lighting, costuming, and makeup. NOTE: Some campuses offer a special section of Theatre Arts I for students who enter high school with strong middle school experience in theatre. Prerequisites for enrolling in this special section include a middle school theatre arts class and teacher recommendation. (The recommending teacher should be the middle school theatre arts teacher. If a student is from outside the NEISD and needs a recommendation, then the high school theatre arts teacher will interview and/or audition the student for approval.) In addition to the introductory material covered in the class, co-curricular involvement in productions, contests and other such activities is an integral part of this program.						
Course Number:		5900	Credits:	1.0	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:								
Special Notes:								
Course:		THEATRE ARTS II						
Course Description:		Theatre Arts II is designed to emphasize advanced study in two areas: acting and design. Course units will include the study of advanced acting techniques and application of the design elements for the stage through group and individual projects. Involvement in co-curricular productions, contests and/or other such activities is an integral requirement of the class.						
Course Number:		5905	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Theatre Arts I or Equivalent and Teacher Recommendation						
Special Notes:								
Course:		THEATRE ARTS III						
Course Description:		Theatre Arts III provides the third-year student with advanced actor training, a broad understanding of dramatic literature and training in the specialized skills of playwriting, design and directing. Involvement in co-curricular productions, contests and/or other such activities is an integral requirement of the class.						
Course Number:		5906	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Theatre Arts I and II or Equivalent and Teacher Recommendation						
Special Notes:								
Course:		THEATRE ARTS IV						
Course Description:		Theatre Arts IV continues to provide the advanced theatre student with extensive actor preparation as well as specialized training in areas of special interest to the individual student. Among these are theatre literature, design, directing, and playwriting. Emphasis is on the refinement of skills. Involvement in co-curricular productions, contests and/or other such activities is an integral requirement of the class.						
Course Number:		5907	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Theatre Arts I, II, III or Equivalent and Teacher Recommendation						
Special Notes:								
Course:		THEATRE PRODUCTION I						
Course Description:		This course focuses on all aspects of theatrical production: acting concepts and skills, production concepts and skills, and aesthetic growth through appreciation of theatrical events. Students will share in the theatre experience by working in the various areas associated with overall production. Involvement in co-curricular production activities is an integral and essential requirement of theatre production.						
Course Number:		5910	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Teacher Recommendation						
Special Notes:								
Course:		THEATRE PRODUCTION II						
Course Description:		This course focuses on all aspects of theatrical production: acting concepts and skills, production concepts and skills and aesthetic growth through appreciation of theatrical events. Students will share in the theatre experience by working in the various areas associated with overall production. Involvement in co-curricular production activities is an integral and essential requirement of theatre production.						
Course Number:		5915	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Theatre Production I and Teacher Recommendation						
Special Notes:								
Course:		THEATRE PRODUCTION III						
Course Description:		This course focuses on all aspects of theatrical production: acting concepts and skills, production concepts and skills and aesthetic growth through appreciation of theatrical events. Students will share in the theatre experience by working in the various areas associated with overall production. Involvement in co-curricular production activities is an integral and essential requirement of theatre production.						
Course Number:		5916	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Theatre Production I, II and Teacher Recommendation						
Special Notes:								

Course: THEATRE PRODUCTION IV							
Course Description:	This course focuses on all aspects of theatrical production: acting concepts and skills, production concepts and skills and aesthetic growth through appreciation of theatrical events. Students will share in the theatre experience by working in the various areas associated with overall production. Involvement in co-curricular production activities is an integral and essential requirement of theatre production.						
Course Number:	5917	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Theatre Production I, II, III and Teacher Recommendation						
Special Notes:							

Fine Arts - Visual Arts

Course:	ADVANCED PLACEMENT ART HISTORY					
Course Description:	This course is a full year introductory college course in the history of art. The primary study focuses on Western art with some attention to the art of other cultures. The curriculum includes basic information about artists, schools and movements, chronological periods and specific dates and the subjects, styles, and techniques of particular works of art. Students will prepare for the Advanced Placement Exam through intensive work with essay writing, artwork image recognition, and group projects.					
Course Number:	5499	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	None					
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.					
Course:	ADVANCED PLACEMENT STUDIO ART 2D DESIGN					
Course Description:	The Advanced Placement program enables highly motivated students to pursue college-level work in studio art while still in high school. Candidates develop an extensive portfolio of 2D work for College Board evaluation at the end of the school year. This program is intended for students seriously committed to studying and producing art.					
Course Number:	5501	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	One or more credit(s) of Drawing, Painting, Photography, or Digital Media					
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.					
Course:	ADVANCED PLACEMENT STUDIO ART 3D DESIGN					
Course Description:	The Advanced Placement program enables highly motivated students to pursue college-level work in studio art while still in high school. Candidates develop an extensive portfolio of 3D work for College Board evaluation at the end of the school year. This program is intended for students seriously committed to studying and producing art.					
Course Number:	5449	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	One or more credit(s) of Sculpture or Ceramics					
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.					
Course:	ADVANCED PLACEMENT STUDIO ART DRAWING					
Course Description:	The Advanced Placement program enables students to pursue college-level work while still in high school. The drawing course is geared to highly motivated students who are seriously interested in drawing with all media. Focus will be on the development of an original drawing portfolio. The portfolio is submitted to the College Board at the conclusion of the course.					
Course Number:	5502	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	One or more credit(s) of Drawing or Painting					
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.					
Course:	INDEPENDENT STUDY FOR ADVANCED PLACEMENT ART					
Course Description:	This non-credited course will offer students enrolled in an Advanced Placement Studio Art course an additional period of Independent Study to work on their AP Portfolio. This may only be taken by students who are simultaneously enrolled in 5501, 5502, or 5449 courses.					
Course Number:	5503	Credits:	0.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	Student must be enrolled in 5501, 5502, or 5449 to be eligible to take this course.					
Special Notes:	This course may be stacked with non-AP Studio Art Courses.					
Course:	ART APPRECIATION (DUAL CREDIT)					
Course Description:	The Art Appreciation course is a survey of drawing, painting, sculpture, and the elements of design. The history and art of past and present world cultures is introduced. The course is designed to enable students to identify, evaluate, and comprehend various forms and styles of art. The course also explores career opportunities in the various fields of art. Students will engage in exploratory production projects that relate to the art form being studied.					
Course Number:	5520	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	None					
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.					
Course:	ART I					
Course Description:	Art provides a study of the art elements and principles through experience with a variety of art media and tools in design, drawing, painting, printmaking, textiles, ceramics, and sculpture; an exploration of art history and culture; and an evaluation of artwork through discussion and critique.					
Course Number:	5511	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	None					
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.					

Course:	ART I HONORS						
Course Description:	Art I Honors is designed for students who have demonstrated serious interest in pursuing art as a career. Students will develop skills in studio art and begin building a portfolio. This class prepares students for upper-level art classes.						
Course Number:	5512	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Completion of Middle School Art Courses recommended						
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:	ART II HONORS						
Course Description:	Art II Honors is designed for students with a serious interest in art. Students will continue their exploration of a variety of two and three-dimensional media and techniques, the elements and principles of design, art criticism, and art history. Students will develop a portfolio of their work. This class prepares students for upper-level art classes.						
Course Number:	5524	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Art I or Art I Honors						
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:	ART II PHOTOGRAPHY						
Course Description:	Photography II students will use the camera as a tool for expressing aesthetic ideas through direct observation. They will develop subjects of personal interest into multiple ideas or themes.						
Course Number:	5571	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Art I or Art I Honors						
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:	ART III PHOTOGRAPHY						
Course Description:	Advanced photography students will develop themes and individual styles through investigation, interpretation and reinventing an idea through multiple solutions. Students will learn to apply advanced photo editing processes through a variety of software and applications in order to create innovative photographic artwork.						
Course Number:	5508	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Art II Photography						
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:	ART IV PHOTOGRAPHY						
Course Description:	Advanced photography students will develop themes and individual styles through research investigation, interpretation and innovatively reinventing an idea through multiple solutions. Students will use advanced photo editing processes through a variety of software and applications in order to create innovative photographic artwork. Students will develop and share portfolios of their advanced works.						
Course Number:	5576	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Art III Photography						
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:	CERAMICS II						
Course Description:	Students explore art ceramic methods such as wheel throwing, slab, coil, and pinch, separately and in combination. Students produce functional and experimental 2D and 3D clay forms. They explore surface treatments such as stamping, scraping, glazing, under-glazing, staining, painting, and firing.						
Course Number:	5522	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Art I or Art I Honors						
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:	CERAMICS III						
Course Description:	Students explore art ceramic methods and adequately utilize all clay-building processes separately and in combination. Students will produce functional and experimental 2D and 3D clay forms. They will utilize the standard clay surface treatments while experimenting on innovative techniques. They will fire and glaze ceramic pieces with confidence and success.						
Course Number:	5532	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Ceramics II						
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:	CERAMICS IV						
Course Description:	Students explore art ceramic methods and masterfully utilize all clay-building processes separately and in combination. Students will produce functional and experimental 2D and 3D clay forms. They will utilize the standard clay surface treatments along with innovative techniques they have developed. They will fire and glaze ceramic pieces with confidence and success and build a portfolio of successful works.						
Course Number:	5548	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Ceramics III						
Special Notes:	Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						

Course:		DESIGN II						
Course Description:		Students will solve visual problems by developing solutions that utilize design and technical skills through in-depth study and use of the elements of art and principles of design. Study of a variety of fine art, architecture, crafts, advertisements, and designs from nature will be used as students develop their own ideas while creating, using a variety of media and tools. Level II will explore personal reactions to design and communicate feelings and ideas through original creations.						
Course Number:		5528	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Art I or Art I Honors						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		DESIGN III						
Course Description:		Students express original ideas and experiences; solve visual problems by developing solutions that utilize design and technical skills; expand techniques of commercial design; survey commercial approaches to idea presentation and media; explore and analyze art history and culture; trace the influences of various cultures on contemporary artwork; develop a professional portfolio; and evaluate artwork through discussion and critique. Emphasis is on quality work and meeting deadlines.						
Course Number:		5537	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Design II						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		DESIGN IV						
Course Description:		Students, through self-directed investigations, develop themes to produce an original body of artwork. The students analyze and interpret art history and culture; develop a personal portfolio and participate in a senior exhibition; analyze a wide range of artwork; work toward mastery of advanced techniques of commercial design; and survey commercial approaches to idea presentation and media. Emphasis is placed on professional standards.						
Course Number:		5547	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Design III						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		DIGITAL ART & MEDIA II						
Course Description:		Digital Art & Media II students work with paint and image manipulation software. Topics include: creation of original digital artwork, input of pictures with scanning and video digitizing, image retouching, compositing and integration of text and image. Students express thoughts creatively; problem-solve; interpret visual parallels between the structures of natural and human-made environments; analyze artistic styles and cultural heritage; research career choices in art; formulate multiple solutions to design problems; critique original artwork, portfolios and artwork of peers.						
Course Number:		5572	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Art I or Art I Honors						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		DIGITAL ART & MEDIA III						
Course Description:		In Digital Art & Media III, students work with paint and image manipulation software. Other topics include creation of original digital artwork, inputting of pictures with scanning and video digitizing, image retouching, compositing, and integration of text and image. Students express thoughts creatively; problem-solve; interpret visual parallels between the structures of natural and human-made environments; analyze artistic skills and cultural heritage; research career choices in art; develop personal portfolios; and evaluate artwork through discussion and critique.						
Course Number:		5573	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Digital Art & Media II						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		DIGITAL ART & MEDIA IV						
Course Description:		In Digital Art & Media IV, students will continue to work with paint and image manipulation software. Other topics include creation of original digital artwork, inputting of pictures with scanning and video digitizing, image retouching, compositing, and integration of text and image. Students express thoughts creatively; problem-solve; interpret visual parallels between the structures of natural and human-made environments; analyze artistic skills and cultural heritage; research career choices in art; develop personal portfolios; and evaluate artwork through discussion and critique.						
Course Number:		5574	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Digital Art & Media III						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		DRAWING II						
Course Description:		Students develop and express original ideas and experiences through a variety of drawing media; explore and analyze art history and culture; and evaluate artwork through discussion and critique.						
Course Number:		5521	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Art I or Art I Honors						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						

Course:		DRAWING III						
Course Description:		Students express original ideas and experiences; solve visual problems by developing solutions that utilize design and technical skills; expand ability with drawing media; explore and analyze art history and culture; trace the influences of various cultures on contemporary artwork; develop a personal portfolio and evaluate artwork through discussion and critique.						
Course Number:		5531	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Drawing II						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		DRAWING IV						
Course Description:		Students, through self-directed investigations, develop themes to produce an original body of artwork. The students analyze and interpret art history and culture; develop a personal portfolio and participate in a senior exhibition; analyze a wide range of artwork; and work toward mastery of drawing media.						
Course Number:		5541	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Drawing III						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		JEWELRY II						
Course Description:		This course will enable students to learn about the history of decorative adornment as well as offer a hands-on opportunity to design and create original jewelry of social and intensive self-value. The curriculum focuses on higher level thinking skills, problem-solving and cognitive skill development.						
Course Number:		5526	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Art I or Art I Honors						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		JEWELRY III						
Course Description:		Students will learn advanced metal techniques including soldering and stone setting. The course will cover basic jewelry repair. Students will complete several advanced designs per semester.						
Course Number:		5527	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Jewelry II						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		PAINTING II						
Course Description:		Students develop and express original ideas and experiences through a variety of paint media and techniques; explore and analyze art history and culture; and evaluate artwork through discussion and critique.						
Course Number:		5525	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Art I or Art I Honors						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		PAINTING III						
Course Description:		Students express original ideas and experiences; solve visual problems by developing solutions that utilize design and technical skills; expand ability with paint media; explore and analyze art history and culture; trace the influences of various cultures on contemporary artwork; develop a personal portfolio; and evaluate artwork through discussion and critique.						
Course Number:		5535	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Painting II						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		PAINTING IV						
Course Description:		Students, through self-directed investigations, develop themes to produce an original body of artwork. The students analyze and interpret art history and culture; develop a personal portfolio and participate in a senior exhibition; analyze a wide range of artwork; and work toward mastery of drawing media.						
Course Number:		5545	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Painting III						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						
Course:		PRINTMAKING II						
Course Description:		Students use principles and elements of design with emphasis on positive-negative space. They experiment with monoprints, multiple prints, reduction printings, and materials, such as linoleum, cardboard, found objects, wood, and electronics. They also study various processes such as relief, planography, intaglio, stencil, photographic, and papermaking. Personal expression and choice of techniques is emphasized. Students explore printmaking in commercial artwork, serigraphy, lithography, and etching.						
Course Number:		5517	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Art I or Art I Honors						
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.						

Course:		PRINTMAKING III									
Course Description:		Students experiment with monoprints, multiple prints, reduction printings, and materials, such as linoleum, cardboard, found objects, wood, and electronics. They do advanced study and application in processes such as relief, planography, intaglio, stencil, photographic, and papermaking. Personal expression and choice of techniques is emphasized. Students explore printmaking in commercial artwork, serigraphy, lithography, and etching.									
Course Number:		5518	Credits:		1.0	Term:		Full Year	Grade Placement:		11 - 12
Prerequisites:		Printmaking II									
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district..									
Course:		SCULPTURE II									
Course Description:		Students develop and express original ideas and experiences through additive, subtractive and other sculpting techniques; explore and analyze art history and culture; and evaluate artwork through discussion and critique.									
Course Number:		5523	Credits:		1.0	Term:		Full Year	Grade Placement:		10 - 12
Prerequisites:		Art I or Art I Honors									
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.									
Course:		SCULPTURE III									
Course Description:		Students express original ideas and experiences; solve visual problems by developing solutions that utilize design and technical skills; expand abilities of experiences through additive, subtractive and other sculpting techniques; explore and analyze art history and culture; trace the influences of various cultures on contemporary artwork; develop a personal portfolio; and evaluate artwork through discussion and critique.									
Course Number:		5533	Credits:		1.0	Term:		Full Year	Grade Placement:		11 - 12
Prerequisites:		Sculpture II									
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.									
Course:		SCULPTURE IV									
Course Description:		Students, through self-directed investigations, develop themes to produce an original body of artwork. The students analyze and interpret art history and culture; develop a personal portfolio and participate in a senior exhibition; analyze a wide range of artwork and work toward mastery of skills by providing experiences in additive, subtractive and other sculpting techniques.									
Course Number:		5543	Credits:		1.0	Term:		Full Year	Grade Placement:		12
Prerequisites:		Sculpture III									
Special Notes:		Art students may be required to purchase a supply kit or additional supplies, and/or pay a supply fee. Total cost is regulated by the district.									

Journalism

Course: NEWSPAPER I							
Course Description:	Working in editorial positions, students gain practical experience in producing the school newspaper. Experience includes personal instruction in advanced writing skills, preparing copy on the computer and page design and paste-up techniques. Working after school as needed is a part of this program.						
Course Number:	1743	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							
Course: NEWSPAPER II							
Course Description:	Working in editorial positions, students gain practical experience in producing the school newspaper. Experience includes personal instruction in advanced writing skills, preparing copy on the computer and page design and paste-up techniques. Working after school as needed is a part of this program.						
Course Number:	1744	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							
Course: NEWSPAPER III							
Course Description:	Working in editorial positions, students gain practical experience in producing the school newspaper. Experience includes personal instruction in advanced writing skills, preparing copy on the computer and page design and paste-up techniques. Working after school as needed is a part of this program.						
Course Number:	1745	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							
Course: YEARBOOK PRODUCTION I							
Course Description:	Students gain laboratory experience in magazine production as they produce the yearbooks. Experience includes writing copy, computer copy preparation, page layout and design skills, photo-cropping and editing. Working after school as needed to complete assignments is a part of this course.						
Course Number:	1746	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							
Course: YEARBOOK PRODUCTION II							
Course Description:	Students holding editorial positions gain laboratory experience along with personal instruction in magazine production and procedures as well as collaboration to produce the yearbook. Experience includes writing copy, computer copy preparation, page layout and design skills and photo-cropping and editing. Working after school as needed to complete assignments is a part of this course.						
Course Number:	1747	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							
Course: YEARBOOK PRODUCTION III							
Course Description:	Students holding editorial positions gain laboratory experience along with personal instruction in magazine production and procedures as well as collaboration to produce the yearbook. Experience includes writing copy, computer copy preparation, page layout and design skills and photo-cropping and editing. Working after school as needed to complete assignments is a part of this course.						
Course Number:	1748	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							
Course: BROADCAST JOURNALISM I							
Course Description:	Students will access, analyze, evaluate, and produce communication in a variety of media forms. Students will learn the laws and ethical considerations that affect broadcast journalism, learn the roles and function of broadcast journalism and visual representation, and produce by creating a broadcast journalism product. Experience includes personal instruction in advanced writing skills, and video production.						
Course Number:	1705	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							

Course:	BROADCAST JOURNALISM II						
Course Description:	Students will access, analyze, evaluate and produce communication in a variety of media forms. Students will learn the laws and ethical considerations that affect broadcast journalism, learn the roles and function of broadcast journalism and visual representation, and produce by creating a broadcast journalism product. Experience includes personal instruction in advanced writing skills, and video production.						
Course Number:	1706	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							
Course:	BROADCAST JOURNALISM III						
Course Description:	Students will access, analyze, evaluate and produce communication in a variety of media forms. Students will learn the laws and ethical considerations that affect broadcast journalism, learn the roles and function of broadcast journalism and visual representation, and produce by creating a broadcast journalism product. Experience includes personal instruction in advanced writing skills, and video production.						
Course Number:	1707	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							
Course:	INDEPENDENT STUDY IN JOURNALISM						
Course Description:	This course will include activities individually designed for high-achieving students. The student will be provided opportunities to do one or more of the following: conduct research; produce original work in print or in some other medium; extensively develop an advanced skill; and/or study in a specific area of interest in the field of journalism.						
Course Number:	1753	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							
Course:	INDEPENDENT STUDY IN JOURNALISM						
Course Description:	Curriculum is developed by the teacher and approved by the administration. Such courses as Digital Photography may be developed.						
Course Number:	1704	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Teacher Approval						
Special Notes:							
Course:	JOURNALISM I						
Course Description:	Students learn the fundamentals of journalism, including standards and functions of the press, news values, interview techniques, and copy preparation. Concentration is on writing news features and editorials and students use computers for assignments to learn newspaper and yearbook production.						
Course Number:	1703	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Recommendation of English Teacher/Approval of Journalism Teacher						
Special Notes:							
Course:	PHOTOJOURNALISM						
Course Description:	Students learn photographic techniques, composition, basic black and white darkroom techniques, photo essays, photo cropping, editing and caption writing. Students will enter competitions and have the opportunity to have their photos published in the school newspaper and yearbook. Where available, instruction in color photography includes production of a sound/write show. STUDENTS MUST FURNISH A 35MM CAMERA AND PHOTOGRAPHIC PAPER. Film will be supplied. Enrollment in this course is limited to darkroom facilities available.						
Course Number:	1720	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	None						
Special Notes:							

Mathematics

Course:		ADVANCED QUANTITATIVE REASONING					
Course Description:	This course is a capstone math course that follows Algebra I, Geometry, and Algebra II. It builds on and extends what students have learned and covers other math topics not typically taught in high school. The course does not remediate skills, but reinforces needed skills as students study new topics in relevant, engaging contexts. The course emphasizes statistics and financial applications, and it prepares students to use algebra, geometry, trigonometry, and discrete mathematics to model a range of situations and solve problems. The course also helps students develop college and career skills such as collaborating, conducting research, and making presentations.						
Course Number:	2610	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	State Required: Algebra II, Geometry						
Special Notes:	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Plans.						
Course:		ALGEBRA I					
Course Description:	In this course, students use functions to represent and model problem situations. They analyze and interpret relationships and use symbols in a variety of ways to describe those relationships in both mathematical and real-world situations. Topics include foundations of functions, linear, quadratics, exponentials, polynomials of degree one and two, radical expressions, sequences and law of exponents. Students will generate and solve linear systems with two equations and two variables, and create new functions through transformations.						
Course Number:	2313	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:	State Required: Math 8 or its equivalent						
Special Notes:	This course is required under all graduation plans.						
Course:		ALGEBRA I RESOURCE					
Course Description:	Algebra I Resource is for students receiving special education services whose ARD committee has determined that the student requires this course and will take the applicable EOC test. In this special education resource class, the Texas Essential Knowledge and Skills of the Algebra I curriculum are modified and vertically aligned to meet the individual needs of the student whose math skills are significantly below grade level.						
Course Number:	2315	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ALGEBRA II					
Course Description:	In this course, students study algebraic concepts and the relationships among them to better understand the structure of algebra. Students in Algebra II learn that equations and functions are algebraic tools that can be used to represent geometric curves and figures, and they perceive the connections between algebra and geometry to use the tools of one to help solve problems in the other. Topics include linear, quadratic, square root, rational, exponential and logarithmic functions, cubic and cube root functions, and absolute value.						
Course Number:	2323	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	State Required: Algebra I; NEISD Recommended: Algebra I and Geometry						
Special Notes:	This course may count as a fourth-year math and is required for Distinguished Level of Achievement (DLOA).						
Course:		ALGEBRA II G/T HONORS					
Course Description:	This course extends and deepens the topics of the Honors course. Problem-solving and higher-order thinking skills are required as well as qualification on the district Gifted Math matrix.						
Course Number:	2325	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:	State Required: Algebra I; Recommended: Algebra I and Geometry; Required: Qualifies for NEISD Gifted & Talented English Services						
Special Notes:							
Course:		ALGEBRA II HONORS					
Course Description:	This course extends and deepens the topics of the regular course through real-world and technology applications and utilizes Pre- AP instructional strategies. A variety of problems will be used to challenge an advanced mathematics student. Students study algebraic concepts and the relationships among them to better understand the structure of algebra. Students in Algebra II learn that equations and functions are algebraic tools that can be used to represent geometric curves and figures, and they perceive the connections between algebra and geometry to use the tools of one to help solve problems in the other. Topics include linear, quadratic, square root, rational, exponential and logarithmic functions, cubic and cube root functions, and absolute value.						
Course Number:	2324	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	State Required: Algebra I; NEISD Recommended: Algebra I and Geometry						
Special Notes:							

Course:		ALGEBRAIC REASONING					
Course Description:	Algebraic Reasoning provides a deeper study of linear, quadratic, and exponential functions explored in Algebra I. Students will broaden their knowledge of functions and relationships with an introduction to additional function families, including square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and applications that include explorations of pattern and structure, number and algebraic methods, and modeling from data using tools that build workforce and college readiness.						
Course Number:	2606	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 11
Prerequisites:	Algebra I						
Special Notes:	The scope and sequence is designed to reinforce functions learned in Algebra I in the first semester and extend to Algebra II functions and concepts in the second semester. This course may count as a third or fourth year of math credit.						
Course:		ALGEBRAIC REASONING RESOURCE					
Course Description:	Algebraic Reasoning Resource is for students receiving special education services whose ARD committee has determined that the student requires this course. In this special education setting class, the Texas Essential Knowledge and Skills of Algebraic Reasoning are modified and vertically aligned to meet the individual needs of the student whose math skills are significantly below grade level.						
Course Number:	2613	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Algebra I						
Special Notes:							
Course:		ADVANCED PLACEMENT CALCULUS AB					
Course Description:	This course includes differential and integral calculus with applications of previous math courses. The intent is preparation for college and/or one or more semesters of advanced placement calculus. Topics include limits of a function, continuity, maxima and minima, area, volume, rates of growth and other applications. Students will prepare to take the College Board Advanced Placement Exam in Calculus AB.						
Course Number:	2734	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	NEISD Recommended - PreCalculus						
Special Notes:	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Plans.						
Course:		ADVANCED PLACEMENT CALCULUS BC					
Course Description:	This course covers the topics seen in Calculus AB and provides advanced skills in methods and applications. The course emphasizes a multi-representational approach to calculus. Topics include parametric, polar and vector functions, application of derivatives, applications of integrals, fundamental theorem of calculus, techniques of antidifferentiation, applications of anti-differentiation, and polynomial approximations and series. Students will prepare to take the College Board Advanced Placement Exam in Calculus BC.						
Course Number:	2735	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	NEISD Recommended - PreCalculus						
Special Notes:	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Plans.						
Course:		ADVANCED PLACEMENT STATISTICS					
Course Description:	This non-calculus-based course introduces the student to the management, interpretation and analysis of data within today's society. Topics include exploratory data analysis, observing patterns and departure from patterns; planning a study and deciding what data to measure and how to measure it; producing models using probability and simulation; and applying techniques for statistical inference and confirming models. Projects, collaborative group problem-solving, and writing are part of the concept- oriented instruction and assessment. Application fields include psychology, engineering, sociology, business, medicine, economics, biostatistics and more. Students will prepare to take the College Board Advanced Placement Exam in Statistics.						
Course Number:	2947	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended - Geometry and Algebra II						
Special Notes:	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Plans.						
Course:		COLLEGE ALGEBRA - DUAL CREDIT					
Course Description:	This course includes the study of quadratic, polynomial, rational, logarithmic, and exponential functions; systems of equations; progressions; sequences and series; and matrices and determinants.						
Course Number:	2326	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	State Required: Students must meet all of the dual credit requirements to be enrolled in this course. State Recommended: Algebra II						
Special Notes:	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Plans.						

Course:		COLLEGE ALGEBRA (ONRAMPS)					
Course Description:		This is a dual-enrollment inquiry-based course for students who seek to deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties of functions, matrices and systems of equations, and complex numbers. The pedagogy of this course (inquiry-based learning) encourages students to take an active role in the construction of their learning. Learning will be accomplished by abstraction, generalization, problem- solving, and modeling. Students will experience a high-quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three hours of UT credit, with feedback and assessment provided by UT course staff.					
Course Number:	2327	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Algebra I, UT Austin Recommended: Geometry, NEISD Recommended: Algebra II					
Special Notes:		This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Plans.					
Course:		GEOMETRY					
Course Description:		This course develops a structured mathematical system employing both deductive and inductive reasoning. Students study properties and relationships having to do with size, shape, location, direction, and orientation of figures. Geometry students solve meaningful problems using geometric ideas, relationships, and properties. Topics include plane, coordinate and transformational geometry as well as reasoning, justification, and proof.					
Course Number:	2413	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:		State Required: Algebra I					
Special Notes:		This course is required under all graduation plans.					
Course:		GEOMETRY G/T HONORS					
Course Description:		This course extends and deepens the topics of the Honors course. Problem-solving and higher order thinking skills are required as well as qualification on the district Gifted Math matrix.					
Course Number:	2415	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:		State Required: Algebra I and Qualification for the District's Math Gifted/Talented Program					
Special Notes:							
Course:		GEOMETRY HONORS					
Course Description:		This course develops an appreciation of an axiomatic system through the observation of patterns. The exploration of these patterns, whether in a plane or in space, allows the student to make conjectures about geometry which can then be proven deductively. The techniques and skills learned in Algebra I are integrated throughout the course in order to reinforce the skills previously learned and to enhance the study of geometry as part of a mathematical sequence. Students study properties and relationships having to do with size, shape, location, direction, and orientation of figures. Geometry students solve meaningful problems using geometric ideas, relationships, and properties. Topics include plane, coordinate and transformational geometry as well as reasoning, justification, and proof. A variety of problems will be used to challenge an advanced mathematics student.					
Course Number:	2414	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:		State Required: Algebra I; Required: Qualifies for NEISD Gifted & Talented English Services					
Special Notes:							
Course:		GEOMETRY RESOURCE					
Course Description:		Geometry Resource is for students receiving special education services whose ARD committee has determined that the student is eligible. In this special education resource class, the Texas Essential Knowledge and Skills of the Geometry curriculum are modified and vertically aligned to meet the individual needs of the student whose math skills are significantly below grade level.					
Course Number:	2421	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination					
Special Notes:							
Course:		INDEPENDENT STUDY - DIFFERENTIAL EQUATIONS					
Course Description:		The study of differential equations. A differential equation is a mathematical equation for an unknown function of one of several variables that relates the values of the function itself and its derivatives of various orders. This course may be offered as an independent study course with a designated mentor teacher. Students must present research/products for completion.					
Course Number:	2721	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:		State Required Algebra II, Geometry and Teacher Recommendation					
Special Notes:		This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Plans. A teacher mentor is needed to mentor research coursework.					

Course:	INDEPENDENT STUDY - HISTORY OF MATH					
Course Description:	This course is a study of important mathematicians and the historical development of numbers and numerals, methods of computation, geometry, and algebra. This course may be offered as an independent study course with a designated mentor teacher. Students must present research/products for completion.					
Course Number:	2954	Credits:	0.5	Term:	Semester	Grade Placement: 11 - 12
Prerequisites:	State Required Algebra II, Geometry and Teacher Recommendation					
Special Notes:	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Plans. A teacher mentor is needed to mentor research coursework.					
Course:	INDEPENDENT STUDY - NUMBER THEORY					
Course Description:	This course primarily involves the study of the properties of natural numbers and integers. Topics include mathematical induction, prime numbers, divisibility, and congruence. This course may be offered as an independent study course with a designated mentor teacher. Students must present research/products for completion.					
Course Number:	2951	Credits:	0.5	Term:	Semester	Grade Placement: 11 - 12
Prerequisites:	State Required Algebra II, Geometry and Teacher Recommendation					
Special Notes:	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Plans. A teacher mentor is needed to mentor research coursework.					
Course:	MATH MODELS RESOURCE					
Course Description:	Math Models Resource is designed to be a student's final math course in their math sequence. The major emphasis of this special education setting course is the operation of whole numbers, decimals, and fractions in practical life situations. Subject matter covered includes but is not limited to the following: personal finance, budgeting and banking.					
Course Number:	2104	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination					
Special Notes:						
Course:	COLLEGE PREP FOR MATHEMATICS					
Course Description:	This course is intended for students to bridge the gap between Algebra II and a college entry-level mathematics course. Topics include linear functions and equations, quadratics functions and equations, manipulating polynomial expressions, absolute value functions and equations.					
Course Number:	2300	Credits:	1.0	Term:	Full Year	Grade Placement: 12
Prerequisites:	Geometry and Algebra II					
Special Notes:						
Course:	MATHEMATICAL MODELS WITH APPLICATIONS					
Course Description:	This course provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions. Students will select from tools such as physical objects, manipulatives, technology, data collections devices, and computers to solve problems.					
Course Number:	2957	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	State Required: Algebra I					
Special Notes:	For students graduating on the Foundations program, Mathematical Models with Applications can be taken in any sequence as long as the prerequisites are met.					
Course:	MULTIVARIABLE CALCULUS					
Course Description:	This course extends and enhances concepts from the AP Calculus curriculum. Topics include: conic sections, parametric equations, vectors and vector-valued functions, the calculus of functions of several variables and infinite series. Relevant applications are woven into all topics. The use of graphing calculators and computers is integrated throughout the course. Students will be involved in developing projects related to the topics covered.					
Course Number:	2960	Credits:	1.0	Term:	Full Year	Grade Placement: 12
Prerequisites:	Recommended - AP Calculus BC					
Special Notes:	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Programs.					
Course:	PRECALCULUS					
Course Description:	This course extends and integrates concepts from algebra and geometry. Students use functions, equations and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. Students use a variety of representations, tools, and technology to model functions and equations to solve problems. Topics include a study of polynomial, rational, exponential, logarithmic and trigonometric functions, inverse and second-degree relations and their graphs, polar coordinates, vectors, sequences, and series.					
Course Number:	2715	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	State Required: Algebra I, Geometry and Algebra II					
Special Notes:	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Programs.					

Course:	ONRAMPS PRECALCULUS						
Course Description:	This is a dual-enrollment discovery-based course that extends and builds upon the basic understanding of pre-calculus concepts with an emphasis on breaking down mathematical definitions and constructing logical arguments. The course is divided into seven units, each unit consists of a series of explorations designed to engage students and empower them to develop their problem-solving skills. In each exploration, students will create connections with prior concepts in developing the current topic. Students will experience high quality curriculum designed by the faculty at The University of Texas at Austin. Students can earn three hours of UT credit, with feedback and assessment provided by UT course staff.						
Course Number:	2717	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	State Required: Algebra I, Geometry and Algebra II						
Special Notes:	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Programs.						
Course:	ADVANCED PLACEMENT PRECALCULUS						
Course Description:	AP Precalculus centers on functions modeling dynamic real-world situations. The exploration of functions is designed to prepare students for college-level calculus and provide grounding for other mathematics and science courses. Students acquire and apply mathematical tools for real-world modeling situations, which helps students come to a deeper understanding of each function type, including polynomial, rational, exponential, logarithmic, trigonometric, and polar. Students learn that functions and their compositions, inverses, and transformations are understood through graphical, numerical, verbal, and analytical representations, which reveal useful attributes for solving problems in mathematical and applied contexts.						
Course Number:	2728	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	State Required: Algebra I, Geometry and Algebra II						
Special Notes:	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Programs.						
Course:	STATISTICS						
Course Description:	Students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real-world situations as well as extend their knowledge of data analysis.						
Course Number:	2605	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Algebra I						
Special Notes:							
Course:	STRATEGIC LEARNING FOR HIGH SCHOOL MATH						
Course Description:	This course is designed to support students who are seeking additional support for high school mathematics and will become strategic mathematical learners. This course is designed to support students while they are concurrently scheduled in an Algebra I course but require a deeper understanding of strategic mathematical concepts necessary for success in High School Math courses. Students will receive a preview of Algebra I concepts prior to receiving instruction in their Algebra I course. Concepts and skills will focus on linear functions, including linear concepts learned in MS math and within the Algebra I course; as well as an introduction to other functions learned in Algebra I. Students may participate in Semester I and/or Semester II based on their individual needs and progress in the Algebra I curriculum.						
Course Number:	7804	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:	Parent agreement to student enrollment in the course						
Special Notes:	General Education course available for all students.						
Course:	UIL ACADEMIC MATH						
Course Description:	This course prepares students to compete in UIL competition at the district, regional and state levels.						
Course Number:	2961	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							
Course:	UIL ACADEMIC MATH						
Course Description:	This course prepares students to compete in UIL competition at the district, regional and state levels.						
Course Number:	2962	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							

Other Electives

Course: AVID I							
Course Description:	AVID promotes college readiness. AVID is an acronym that stands for Advancement Via Individual Determination. It is an in-school academic support program that prepares students for college eligibility and success. AVID targets those in the academic middle. Students are enrolled in a college preparatory sequence and in an elective section of AVID where they receive the academic and motivational support to succeed. During the AVID class, students are coached by college tutors and work in collaborative groups using a curriculum focused on writing and inquiry.						
Course Number:	1030	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:	This course requires an application and selection process.						
Special Notes:	See your AVID Coordinator if interested in participating in the selection process for this program.						
Course: AVID II							
Course Description:	AVID promotes college readiness. AVID is an acronym that stands for Advancement Via Individual Determination. It is an in-school academic support program that prepares students for college eligibility and success. AVID targets those in the academic middle. Students are enrolled in a college preparatory sequence and in an elective section of AVID where they receive the academic and motivational support to succeed. During the AVID class, students are coached by college tutors and work in collaborative groups using a curriculum focused on writing and inquiry.						
Course Number:	1031	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:	This course requires an application and selection process.						
Special Notes:	See your AVID Coordinator if interested in participating in the selection process for this program.						
Course: AVID III							
Course Description:	AVID promotes college readiness. AVID is an acronym that stands for Advancement Via Individual Determination. It is an in-school academic support program that prepares students for college eligibility and success. AVID targets those in the academic middle. Students are enrolled in a college preparatory sequence and in an elective section of AVID where they receive the academic and motivational support to succeed. During the AVID class, students are coached by college tutors and work in collaborative groups using a curriculum focused on writing and inquiry.						
Course Number:	1032	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	This course requires an application and selection process.						
Special Notes:	See your AVID Coordinator if interested in participating in the selection process for this program.						
Course: AVID IV							
Course Description:	AVID promotes college readiness. AVID is an acronym that stands for Advancement Via Individual Determination. It is an in-school academic support program that prepares students for college eligibility and success. AVID targets those in the academic middle. Students are enrolled in a college preparatory sequence and in an elective section of AVID where they receive the academic and motivational support to succeed. During the AVID class, students are coached by college tutors and work in collaborative groups using a curriculum focused on writing and inquiry.						
Course Number:	1033	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	This course requires an application and selection process.						
Special Notes:	See your AVID Coordinator if interested in participating in the selection process for this program.						
Course: GT INTERDISCIPLINARY STUDIES I							
Course Description:	GT Interdisciplinary Studies I is a year-long GT elective class open to all 9th and 10th grade students currently identified for North East ISD Gifted and Talented services. In GT Interdisciplinary Studies I, students will be provided opportunities to discover various styles and characteristics of leaders, PSAT preparation, and complete a unit of study on Personal Finance culminating with a Financial Case Study. Throughout the year students will work on presentation and communication skills, group dynamics, critical thinking, and college planning. Students will conduct independent research through a variety of class activities. All students will also learn about and complete a resume as well as begin an online portfolio of their high school work and activities.						
Course Number:	4251	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:	Required: Qualifies for NEISD Gifted & Talented English Services						
Special Notes:							
Course: GT INTERDISCIPLINARY STUDIES II							
Course Description:	GT Interdisciplinary Studies II is a year-long GT elective class open to all 10th or 11th grade students currently identified for North East ISD Gifted and Talented services. In GT Interdisciplinary Studies II students will work on PSAT preparation prior to the October test date. Throughout the year students will work on presentation and communication skills, group dynamics, critical thinking, and college planning. Students will develop a research study proposal on their topic of choice, conduct in-depth research, interview experts in their field of study, compile a research portfolio, write a research paper, and prepare for a final presentation to exhibit their work. Students in this class will also have the opportunity to compete in various academic competitions throughout the school year.						
Course Number:	4252	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 11
Prerequisites:	Recommended: GT Interdisciplinary Studies I; Required: Qualifies for NEISD Gifted & Talented English Services						
Special Notes:							

Course:		PEER ASSISTANCE FOR STUDENTS WITH DISABILITIES I						
Course Description:		Peer Assistance for Students with Disabilities is designed to promote an inclusive educational environment for special education students. This course provides peer assistance the opportunity to develop leadership and communication skills. Peer assistants receive training in confidentiality, cueing, prompting, and positive reinforcement. Peer assistants assist the teacher in general education classroom and special education setting by modeling appropriate learning behaviors, assisting with hands on learning activities, and facilitating inclusion in the classroom. The goal is to create a relationship among age-appropriate peers of differing abilities, both socially and academically						
Course Number:		7642	Credits:	0.5	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:								
Special Notes:								
Course:		PEER ASSISTANCE FOR STUDENTS WITH DISABILITIES II						
Course Description:		Peer Assistance for Students with Disabilities is designed to promote an inclusive educational environment for special education students. This course provides peer assistance the opportunity to develop leadership and communication skills. Peer assistants receive training in confidentiality, cueing, prompting, and positive reinforcement. Peer assistants assist the teacher in general education classroom and special education setting by modeling appropriate learning behaviors, assisting with hands on learning activities, and facilitating inclusion in the classroom. The goal is to create a relationship among age-appropriate peers of differing abilities, both socially and academically.						
Course Number:		7643	Credits:	0.5	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:								
Special Notes:								
Course:		SAT PREP						
Course Description:		This course will help prepare students for college entrance examinations such as the ACT, PSAT and the SAT. The course will focus on developing cognitive skills and familiarity with the testing formats. This course will NOT count toward state graduation requirements.						
Course Number:		1677	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:		None						
Special Notes:								
Course:		SENIOR EARLY RELEASE CLASS (1st Period)						
Course Description:		This release class period is only for seniors who have passed the STAAR EOC exams and are passing all classes so that the student will graduate with the appropriate senior class. Students with serious discipline issues may not receive administrative approval.						
Course Number:		7911	Credits:	0.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Pass all STAAR EOC exams and have Credits: to graduate on time.						
Special Notes:		Period 1						
Course:		SENIOR EARLY RELEASE CLASS (7th Period)						
Course Description:		This release class period is only for seniors who have passed the STAAR EOC exams and are passing all classes so that the student will graduate with the appropriate senior class. Students with serious discipline issues may not receive administrative approval.						
Course Number:		7917	Credits:	0.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Pass all STAAR EOC exams and have Credits: to graduate on time.						
Special Notes:		Period 7						
Course:		SENIOR EARLY RELEASE CLASS (8th Period)						
Course Description:		This release class period is only for seniors who have passed the STAAR EOC exams and are passing all classes so that the student will graduate with the appropriate senior class. Students with serious discipline issues may not receive administrative approval.						
Course Number:		7918	Credits:	0.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		Pass STAAR EOC exams and have Credits: to graduate on time.						
Special Notes:		Period 8						
Course:		SPORTS MEDICINE I						
Course Description:		This course is designed to provide students with the opportunity to study and apply the components of sports medicine including concepts of sports injury, athletic healthcare team, sports injury law, sports injury prevention, sports psychology, nutrition, emergency action plan and initial injury evaluation, first-aid CPR/AED, the injury process, immediate care of athletic injuries of specific body areas, skin conditions in sports, bloodborne pathogens, thermal injuries, and special medical concerns of the adolescent athlete.						
Course Number:		7273	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Successful completion of Biology and Health or its equivalency. Teacher recommendation.						
Special Notes:		This course may be taken for elective credit.						

Course:		SPORTS MEDICINE II					
Course Description:	This course provides an advanced study and application of the components of sports medicine including Cardiopulmonary Resuscitation (CPR) and Automated External Defibrillator (AED) certification; rehabilitative techniques; therapeutic modalities; prevention, recognition, and care of injuries to the head and face, spine, upper and lower extremity; taping and bandaging; injuries to the young athlete; substance abuse in sports; and general health concerns in sports medicine. Individualized and independent out-of-class assignments requiring students to work with athletes and sports teams will be included in this course.						
Course Number:	7274	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Instructor (Licensed Athletic Trainer) Approval; Successful completion of Sports Medicine I						
Special Notes:	This course may be taken for elective credit.						
Course:		STUDENT AIDE					
Course Description:	Students are assigned to work in an office or for a teacher.						
Course Number:	7634	Credits:	0.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Teacher Recommendation						
Special Notes:	See counselor						
Course:		STUDENT AIDE					
Course Description:	Students are assigned to work in an office or for a teacher.						
Course Number:	7635	Credits:	0.0	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Teacher Recommendation						
Special Notes:	See counselor						

Other Electives - JROTC

Course: JUNIOR RESERVE OFFICER TRAINING CORPS - JROTC I							
Course Description:	The Junior Reserve Officers' Training Corps (JROTC) offers a one-to-four-year program that delivers a nationally accredited curriculum designed to progressively challenge and develop cadets. First year cadets, regardless of academic grade level, are enrolled in Leadership, Education, and Training (LET) 1, The Emerging Leader. This is an introductory course featuring classroom academics, practical leadership experiences, physical fitness, wear of the cadet uniform, and cocurricular events. Cadets are led on a journey of self-discovery that examines their strengths, opportunities for growth, talents, potential and interests. This forms the basis for a personal growth plan that guides their development through successive levels of the JROTC program. The curriculum emphasizes civics, history, citizenship, personal responsibility and accountability, character and leader development, teamwork, planning, organizing and decision-making. The goal of JROTC is to motivate young people to be better citizens.						
	<u>Physical ability:</u> There are no physical prerequisites to participate in JROTC. Cadets are required to participate in the physical fitness aspects of the program to the best of their ability. Wearing the cadet uniform is required for all cadets. The cadet uniform is worn one day a week for the entirety of the school day and at other times as may be directed. The uniform and all accoutrements are loaned to students at no cost. Parents are expected to clean and care for the uniform as needed and return it clean at the end of the school year.						
	Cadets are expected to maintain uniform and personal grooming standards in accordance with Army JROTC regulatory standards. Parents/students should note that grooming standards for cadets are more restrictive than campus dress codes. Please contact your campus' JROTC department for additional details.						
Course Number:	7501	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	The course is open to all high school students regardless of academic grade level.						
Special Notes:	The Army JROTC is a citizenship program focused on the development and growth of our Nation's youth. It is not a military preparation or recruitment program. There is no military obligation associated with participation in JROTC.						
Course: JUNIOR RESERVE OFFICER TRAINING CORPS - JROTC II							
Course Description:	The Junior Reserve Officers' Training Corps (JROTC) offers a one-to-four-year program that delivers a nationally accredited curriculum designed to progressively challenge and develop cadets. Second year cadets, regardless of academic grade level, are enrolled in Leadership, Education, and Training (LET) 2, the developing leader. This course builds on the basic skills developed in LET level 1 by expanding the knowledge, understanding and application of leadership styles, attributes, and competencies. Cadets continue character development process through a careful examination of the role of ethics in leadership and decision making. The LET 2 curriculum emphasizes academic success and the development of essential skills such as reading, writing, oral communication, organizational skills, study skills and exam strategies. Health, nutrition, fitness, and life skills such as conflict resolution and self-regulation expand the cadet's capacity and ability to become productive citizens. The course is taught through classroom academics, practical leadership experiences, physical fitness, wear of the cadet uniform, and cocurricular activities. The mission of JROTC is to motivate young people to be better citizens.						
	<u>Physical ability:</u> There are no physical prerequisites to participate in JROTC. Cadets are required to participate in the physical fitness aspects of the program to the best of their ability. Wearing the cadet uniform is required for all cadets. The cadet uniform is worn one day a week for the entirety of the school day and at other times as may be directed. The uniform and all accoutrements are loaned to students at no cost. Parents are expected to clean and care for the uniform as needed and return it clean at the end of the school year.						
	Cadets are expected to maintain uniform and personal grooming standards in accordance with Army JROTC regulatory standards. Parents/students should note that grooming standards for cadets are more restrictive than campus dress codes. Please contact your campus' JROTC department for additional details.						
Course Number:	7502	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Completion of JROTC I						
Special Notes:	The Army JROTC is a citizenship program focused on the development and growth of our Nation's youth. It is not a military preparation or recruitment program. There is no military obligation associated with participation in JROTC.						

Course:		JUNIOR RESERVE OFFICER TRAINING CORPS - JROTC III						
Course Description:		<p>The Junior Reserve Officers' Training Corps (JROTC) offers a one-to-four-year program that delivers a nationally accredited curriculum designed to progressively challenge and develop cadets. Third year cadets, regardless of academic grade level, are enrolled in Leadership, Education, and Training (LET) 3, the supervising leader. This course builds on skills and knowledge gained through LET levels 1 & 2 with an exploration of managerial and supervisory skills to include leading meetings, goal setting, project planning and management controls. LET 3 cadets serve in key leadership roles within the corps of cadets which provides the opportunity to practice and develop leadership skills and knowledge. These experiences are reinforced with continued exploration of leadership responsibilities and skills. Cadets receive instruction in drugs, alcohol and substance abuse empowering them to make responsible life choices. Emphasis is given to post high school exploration and planning. The course is taught through classroom academics, practical leadership experiences, physical fitness, wear of the cadet uniform, and cocurricular activities. The mission of JROTC is to motivate young people to be better citizens.</p> <p>Physical ability: There are no physical prerequisites to participate in JROTC. Cadets are required to participate in the physical fitness aspects of the program to the best of their ability.</p> <p>Wearing the cadet uniform is required for all cadets. The cadet uniform is worn one day a week for the entirety of the school day and at other times as may be directed. The uniform and all accoutrements are loaned to students at no cost. Parents are expected to clean and care for the uniform as needed and return it clean at the end of the school year.</p> <p>Cadets are expected to maintain uniform and personal grooming standards in accordance with Army JROTC regulatory standards. Parents/students should note that grooming standards for cadets are more restrictive than campus dress codes. Please contact your campus' JROTC department for additional details.</p>						
Course Number:		7503	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Completion of JROTC II						
Special Notes:		The Army JROTC is a citizenship program focused on the development and growth of our Nation's youth. It is not a military preparation or recruitment program. There is no military obligation associated with participation in JROTC.						
Course:		JUNIOR RESERVE OFFICER TRAINING CORPS - JROTC IV						
Course Description:		<p>Course Description: The Junior Reserve Officers' Training Corps (JROTC) offers a one-to-four-year program that delivers a nationally accredited curriculum designed to progressively challenge and develop cadets. Fourth year cadets are enrolled in Leadership, Education, and Training (LET) 4, the managing leader. This is JROTC's capstone course in which skills and knowledge gained through preceding levels are applied, practiced, and refined. LET 4 cadets serve in leadership roles that direct and manage all activities of the corps of cadets. The course is an adaptive instruction and mentorship experience that helps cadets identify and fulfill individual growth and developmental needs. The course emphasizes post high school preparation and transition. The mission of JROTC is to motivate young people to be better citizens.</p> <p>Physical ability: There are no physical prerequisites to participate in JROTC. Cadets are required to participate in the physical fitness aspects of the program to the best of their ability.</p> <p>Wearing the cadet uniform is required for all cadets. The cadet uniform is worn one day a week for the entirety of the school day and at other times as may be directed. The uniform and all accoutrements are loaned to students at no cost. Parents are expected to clean and care for the uniform as needed and return it clean at the end of the school year.</p> <p>Cadets are expected to maintain uniform and personal grooming standards in accordance with Army JROTC regulatory standards. Parents/students should note that grooming standards for cadets are more restrictive than campus dress codes. Please contact your campus' JROTC department for additional details.</p>						
Course Number:		7504	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Completion of JROTC III						
Special Notes:		The Army JROTC is a citizenship program focused on the development and growth of our Nation's youth. It is not a military preparation or recruitment program. There is no military obligation associated with participation in JROTC.						
Course:		JUNIOR RESERVE OFFICER TRAINING CORPS - JROTC STAFF						
Course Description:		This course is intended for those cadets serving in battalion level leadership and staff. Cadets in this course manage the daily operations of the corps of cadets to include the planning, organizing, and resourcing of programs and activities that support the corps. This course emphasizes staff functions and roles, planning, organizing, coordination, communication, decision-making and supervision. This course supports and reinforces skills through the application and practice of skills and principles learned in the core JROTC curriculum.						
Course Number:		7506	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Enrolled in JROTC I-IV (7501,7502,7503 or 7504) and approval of Senior Army Instructor						
Special Notes:								
Course:		JUNIOR RESERVE OFFICER TRAINING CORPS - RIFLE/DRILL						
Course Description:		This course is intended for those cadets participating in a JROTC sponsored extracurricular team. Cadets in this course learn and develop the necessary skills and abilities needed to compete as a member of a team. This course emphasizes teamwork, attention to detail, professionalism, resilience, discipline, and communication. This course supports and reinforces skills through the application and practice of skills and principles learned in the core JROTC curriculum.						
Course Number:		7505	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Enrolled in JROTC I-IV (7501,7502,7503 or 7504) and approval of Senior Army Instructor						
Special Notes:								

Other Electives - Peer Assistance & Leadership

Course:	PEER ASSISTANCE AND LEADERSHIP I (PAL)					
Course Description:	The PAL® Program uses the potential of youth to make a difference in their lives, schools, and communities. The program recognizes an innate capacity for social understanding, personal well-being, and community participation within every youth. PAL® courses nurture and support youth, increase resiliency, and build protective factors to help them achieve academic and social successes which lead to a productive life as peer helpers working with students either on their own and/or feeder middle or elementary campuses.					
Course Number:	7620	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	Selection Process, Teacher Recommendation					
Special Notes:						

Course:	PEER ASSISTANCE AND LEADERSHIP II (PAL)					
Course Description:	This Peer Assistance and Leadership (PAL) course is for second year PALS students only. It is an in-depth continuation of the skills and services provided in PAL 1 (7620).					
Course Number:	7621	Credits:	1.0	Term:	Full Year	Grade Placement: 12
Prerequisites:	Completion of Peer Assistance Leadership and Service, Teacher Recommendation, Selection Process					
Special Notes:						

Course:	PEER TUTORING FOR STUDENTS WITH DISABILITIES					
Course Description:	The peer tutoring course is an elective option for students who wish to have an opportunity for service in educational programming of students with disabilities. Peer tutors are an integral part of a community-referenced and activity-based program which addresses the needs of adolescents with disabilities as they prepare to meet the post-high-school world.					
Course Number:	7640	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Teacher Recommendation					
Special Notes:						

Course:	PEER TUTORING FOR STUDENTS WITH DISABILITIES					
Course Description:	The peer tutoring course is an elective option for students who wish to have an opportunity for service in educational programming of handicapped students. Peer tutors are an integral part of a community-referenced and activity-based program which addresses the needs of adolescents with disabilities as they prepare to meet the post-high-school world.					
Course Number:	7641	Credits:	0.5	Term:	Semester	Grade Placement: 9 - 12
Prerequisites:	Teacher Recommendation					
Special Notes:						

Other Electives - Student Council

Course:	STUDENT COUNCIL					
Course Description:	This course provides elected Student Council representatives with the opportunity to develop organizational and communication skills in the performance of their duties.					
Course Number:	7612	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	Teacher Recommendation					
Special Notes:						

Course:	STUDENT GOVERNMENT LEADERSHIP I					
Course Description:	<p>This course provides an opportunity to study, practice and develop group leadership and organizational skills. These skills include, but are not limited to: decision-making skills, problem-solving techniques, communication skills, leadership roles, human-relations skills and understanding the need for social intelligence and civic responsibility.</p> <p>Students put into practice the skills learned while dealing with the school administration, the students and the community.</p> <p>The content focuses on communication (oral and written), office procedures, record management, leadership concepts and skills, planning and implementing projects, human-relations skills and characteristics of contracts.</p> <p>This is an elective course only, offered to members of high school Student Councils. It does not meet state requirements for United States Government credit.</p>					
Course Number:	7611	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Teacher Recommendation					
Special Notes:	This is an Elective course only.					

Physical Education

Course:		LIFETIME FITNESS AND WELLNESS PURSUITS					
Course Description:		This course offers current approaches for the foundation of personal fitness, physical literacy, lifetime wellness, and healthy living along with self-management and social skills. Students will apply the knowledge and skills in a variety of physical activities for attaining personal fitness and lifetime wellness and are expected to design, implement, measure, and evaluate a personal fitness program to achieve lifetime wellness, including both health-related fitness components (cardiorespiratory endurance, muscular strength and endurance and flexibility) and skill-related fitness components (agility, balance, coordination, power, reaction time, and speed). Students are required to participate in physical fitness assessment.					
Course Number:	7215	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:		This course may be taken for elective credit once the physical education requirement is met.					
Course:		LIFETIME RECREATION & OUTDOOR PURSUITS					
Course Description:		This course provides opportunities for students to develop competency in five or more life-long recreational and outdoor pursuits such as lawn/backyard games, adventure activities, paddle/racquet games, and outdoor survival and safety. The opportunities provided will promote physical literacy, respect for and connection to nature and the environment, and allow for a lifetime of enjoyment and challenge. Students will also be offered the opportunity to experience opportunities that enhance self-worth and support community engagement through the experiential learning experience in partnership with H.E. Butt Outdoor School. Students are required to participate in physical fitness assessment.					
Course Number:	7216	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:		This course may be taken for elective credit once the physical education requirement is met.					
Course:		SKILL-BASED LIFETIME ACTIVITIES					
Course Description:		The Skill-Based Lifetime Activities course offers students the opportunity to demonstrate mastery in basic sport skills, basic sport knowledge, and health and fitness principles. Students will experience opportunities that promote physical literacy and lifetime wellness. Students will participate in a minimum of one lifelong activity from each of the following five categories: target games, striking and fielding games, fitness activities, rhythmic activities, and innovative games and activities with international significance. Students are required to participate in physical fitness assessment.					
Course Number:	7217	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:		This course may be taken for elective credit once the physical education requirement is met.					
Course:		OFF CAMPUS PE 1					
Course Description:		NEISD offers Off Campus PE (OCPE) for high school students who currently compete at a national to Olympic level in an activity not offered by NEISD and who participate in a minimum of 15 hours per week of highly intensive, professional, supervised training through a NEISD approved Agency. Current and new OCPE students must apply each school year and must be approved before enrolling in this course. Interested students should visit the NEISD PE & Health website's Off-Campus Physical Education page (https://www.neisd.net/Page/929) for more information, eligibility requirements, applications, and deadlines. Students are still required to participate in physical fitness assessment at their campus.					
Course Number:	7250	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Approved application on file with NEISD PE & Health Department. Application information can be found here: https://www.neisd.net/Page/929					
Special Notes:							
Course:		OFF CAMPUS PE 2					
Course Description:		NEISD offers Off Campus PE (OCPE) for high school students who currently compete at a national to Olympic level in an activity not offered by NEISD and who participate in a minimum of 15 hours per week of highly intensive, professional, supervised training through a NEISD approved Agency. Current and new OCPE students must apply each school year and must be approved before enrolling in this course. Interested students should visit the NEISD PE & Health website's Off-Campus Physical Education page (https://www.neisd.net/Page/929) for more information, eligibility requirements, applications, and deadlines. Students are still required to participate in physical fitness assessment at their campus.					
Course Number:	7251	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Approved application on file with NEISD PE & Health Department. Application information can be found here: https://www.neisd.net/Page/929					
Special Notes:							
Course:		OFF CAMPUS PE 3					
Course Description:		NEISD offers Off Campus PE (OCPE) for high school students who currently compete at a national to Olympic level in an activity not offered by NEISD and who participate in a minimum of 15 hours per week of highly intensive, professional, supervised training through a NEISD approved Agency. Current and new OCPE students must apply each school year and must be approved before enrolling in this course. Interested students should visit the NEISD PE & Health website's Off-Campus Physical Education page (https://www.neisd.net/Page/929) for more information, eligibility requirements, applications, and deadlines. Students are still required to participate in physical fitness assessment at their campus.					
Course Number:	7253	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Approved application on file with NEISD PE & Health Department. Application information can be found here: https://www.neisd.net/Page/929					
Special Notes:							

Course:	OFF CAMPUS PE 4						
Course Description:	NEISD offers Off Campus PE (OCPE) for high school students who currently compete at a national to Olympic level in an activity not offered by NEISD and who participate in a minimum of 15 hours per week of highly intensive, professional, supervised training through a NEISD approved Agency. Current and new OCPE students must apply each school year and must be approved before enrolling in this course. Interested students should visit the NEISD PE & Health website's Off-Campus Physical Education page (https://www.neisd.net/Page/929) for more information, eligibility requirements, applications, and deadlines. Students are still required to participate in physical fitness assessment at their campus.						
Course Number:	7254	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Approved application on file with NEISD PE & Health Department. Application information can be found here: https://www.neisd.net/Page/929						
Special Notes:							
Course:	TEAM SPORT OFFICIATING						
Course Description:	This course provides an opportunity for students to develop skills as a sports official in the area of communication, decision-making, and conflict management when working with coaches, players, other officials, and parents. Students will also learn rules, regulations, and officiating mechanics for team sports, including volleyball, football, basketball, soccer, softball, and baseball. Additionally, students will demonstrate proficiency in First Aid/CPR/AED skills and develop a personal fitness plan and safety plan that directly relate to the needs of officiating.						
Course Number:	7218	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:	Not for a Physical Education Credit						
Health							
Course:	HEALTH EDUCATION						
Course Description:	This one semester course is designed to help students develop and sustain health promoting behaviors throughout their lives. Students will have opportunities to gather, interpret, and apply health information; achieve health literacy; reinforce, foster and demonstrate positive character traits; and adapt to the ever-evolving science of health. The course supports the development of a healthy self-concept, responsible decision making, and safe and healthy communication (including online communication). Topics include anti-bullying, cyberbullying, and bullying prevention; Cardiopulmonary Resuscitation (CPR), Automated External Defibrillation (AED) use and first aid; healthy eating and physical activity; avoiding substance misuse and abuse (i.e., E-cigarettes, tobacco, vaping, alcohol and binge-drinking, and drugs and other substances including prescription drugs, opioids, and fentanyl poisoning); parenting and paternity awareness; and home, school, and community safety (i.e. avoiding violence, gangs, and weapons). This course also includes an abstinence-centered reproductive and sexual health and abuse prevention unit requiring parental opt-in permission for participation in these lessons.						
Course Number:	7101	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:							

Reading

Course:		ACADEMIC LITERACY I					
Course Description:	This course offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts.						
Course Number:	1641	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:	Referral by parent, teacher, or counselor or data points on MAP or STAAR that demonstrate reading skills need development						
Special Notes:							
Course:		ACADEMIC LITERACY II					
Course Description:	This course continues to offer students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent- level texts that cross the content areas.						
Course Number:	1642	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 11
Prerequisites:	Academic Literacy I plus Referral by parent, teacher, or counselor or data points on MAP or STAAR that demonstrate reading skills need development						
Special Notes:							
Course:		ACADEMIC LITERACY III					
Course Description:	This course continues to offer students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent- level texts that cross the content areas.						
Course Number:	1643	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Academic Literacy II plus Referral by parent, teacher, or counselor or data points on MAP or STAAR that demonstrate reading skills need development						
Special Notes:							
Course:		READING RESOURCE I					
Course Description:	Reading Resource I is a special education setting language arts course designed to supplement placement in an English class. Strong emphasis will be placed on phonetic and structural analysis, vocabulary development and comprehension skills. Texas Essential Knowledge and Skills, pacing and materials of the general education curriculum may be modified to meet individual needs of students. This course counts as an elective credit.						
Course Number:	1617	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		READING RESOURCE II					
Course Description:	Reading Resource II is a special education setting language arts course designed to supplement placement in an English class. Strong emphasis will be placed on phonetic and structural analysis, vocabulary development and comprehension skills. Texas Essential Knowledge and Skills, pacing and materials of the general education curriculum may be modified to meet individual needs of students. This course counts as an elective credit.						
Course Number:	1618	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		READING RESOURCE III					
Course Description:	Reading Resource III is a special education language arts course designed to supplement placement in an English class. Strong emphasis will be placed on phonetic and structural analysis, vocabulary development and comprehension skills. Texas Essential Knowledge and Skills, pacing and materials of the general education curriculum may be modified to meet individual needs of students. This course counts as an elective credit.						
Course Number:	1619	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							

Science

Course: ADVANCED PLACEMENT BIOLOGY							
Course Description:	This course follows the College Board Advanced Placement guidelines in preparation for the AP exam through which students may receive college credit. Concepts presented at the college level include: biochemistry; cytology; bioenergetics; genetics; evolution; ecology and animal and plant systems. Student investigations emphasize accurate observations, collection of data, data analysis and the safe manipulation of advanced scientific apparatus and materials during field and laboratory investigations.						
Course Number:	3243	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	NEISD Recommended: Biology and Chemistry						
Special Notes:	This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans, or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
Course: ONRAMPS ADVANCED PLACEMENT BIOLOGY							
Course Description:	This year-long course explores three big ideas of biology: the structure and function of biomolecules, the flow of energy through living systems via photosynthesis and cellular respiration, and how genetic information is expressed and transmitted both within and between cells. Students will experience high quality curriculum designed by the faculty at UT Austin. Student will have the opportunity to earn 4 College Credits: (3 lecture, 1 lab) through the University of Texas at Austin.						
Course Number:	3242	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	TEKS-based High School Biology and TEKS-based High School Chemistry						
Special Notes:	This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation.						
Course: ADVANCED PLACEMENT CHEMISTRY							
Course Description:	This course follows the College Board Advanced Placement guidelines in preparation for the AP exam through which students may receive college credit. Concepts presented at the college level include inorganic and organic chemistry; quantitative and qualitative analysis; reaction rates and thermodynamics. The laboratory program will present both confirmatory activities and inquiry investigations. Through laboratory experiences, students will gain an operational definition of the concepts and principles of chemistry.						
Course Number:	3343	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	NEISD Recommended: Biology, Chemistry and completion of or concurrent enrollment in Algebra II						
Special Notes:	This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans, or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
Course: ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE							
Course Description:	This course follows the College Board Advanced Placement guidelines in preparation for the AP exam through which students may receive college credit. This course extends and deepens the topics covered in Environmental Systems and includes a strong emphasis on methodologies required to understand the relationships of the natural world, to identify and analyze environmental problems, to evaluate risks associated with these problems and to examine solutions for resolving and/or preventing them. Independent research and the use of computer technology will allow students to gain a greater understanding of environmental science concepts.						
Course Number:	3743	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	NEISD Recommended: 2 Science Credits: and Algebra I						
Special Notes:	This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans, or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
Course: ADVANCED PLACEMENT PHYSICS 1 (ALGEBRA BASED)							
Course Description:	AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits.						
Course Number:	3444	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	NEISD Recommended - Completion of Geometry and Algebra II (Current enrollment or completion of Precalculus is highly recommended)						
Special Notes:	This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans or an Advanced Science on Foundation and Endorsement Graduation Plans.						
Course: ONRAMPS ADVANCED PLACEMENT PHYSICS 1							
Course Description:	This is an algebra-based (non-calculus) course in mechanics that fulfills a college level general physics requirement. Proficiency in algebra and geometry is assumed. Students will practice problem-solving and analyzing physical situations involving motion, force, energy, rotations, heat, oscillations, waves, and sound. They will explore concepts in small groups, develop ideas, and explain them. The course lays the groundwork for college majors including engineering, physics, chemistry, or mathematics. Students will experience high-quality curriculum designed by the faculty at UT Austin. Students can earn three hours of UT credit with feedback and assessment provided by UT course staff.						
Course Number:	3447	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	UT Required: Algebra I, Geometry UT Recommended: Algebra II or Pre-Calculus						
Special Notes:	This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans or an Advanced Science on Foundation and Endorsement Graduation Plans. Students may need extra practice in electric charge, electric force, and DC circuits to be successful on AP Physics 1 College Board Exam.						

Course:		ADVANCED PLACEMENT PHYSICS 2 (ALGEBRA BASED)						
Course Description:		The AP Physics 2 course is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics.						
Course Number:		3445	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		State Recommended: Advanced Placement (AP) Physics 1 or a comparable physics introductory course. State Recommended corequisite: precalculus or an equivalent course.						
Special Notes:		This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
Course:		ONRAMPS ADVANCED PLACEMENT PHYSICS 2						
Course Description:		Students will explore how electric, magnetic, and electromagnetic effects arise from static, uniformly moving, and accelerating charges, respectively. Students will obtain practical experience with electrical circuits and optical devices, while also investigating modern physical phenomena including quanta of light (photons) and the properties of the atomic nucleus. Students will appreciate how scientific inquiry reveals the fundamental principles of the universe and how these principles are applied to the invention of technologies that shape the modern world. This is the second in a sequence of algebra-based (non-calculus) courses that fulfills a general physics requirement. Students will develop critical thinking, empirical, and quantitative skills through problem solving and analyzing physical situations.						
Course Number:		3448	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		UT Required: TEKS-based Physics, Algebra II, and Geometry, UT Recommended: OnRamps PHY 302K, AP Physics I, Honors Physics or PHYS 1301, Pre-Calculus						
Special Notes:		This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans or as an Advanced Science on Foundation and Endorsement Graduation Plans. Students may need extra practice in fluids and thermodynamics to be successful on AP Physics 1 College Board Exam.						
Course:		ADVANCED PLACEMENT PHYSICS C: MECHANICS						
Course Description:		The Physics C: Mechanics course is equivalent to a one-semester, calculus-based, college-level physics course. It is especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course.						
Course Number:		3443	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		State Required: Completion of or concurrent enrollment in a Calculus course						
Special Notes:		This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans, or as an advanced science on Foundation and Endorsement Graduation Plans.						
Course:		AQUATIC SCIENCE						
Course Description:		In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including natural and human impacts on aquatic systems. Investigations and field work in this course may emphasize freshwater or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school. Students who successfully complete Aquatic Science acquire knowledge about how the properties of water and fluid dynamics affect aquatic ecosystems and acquire knowledge about a variety of aquatic systems. Students who successfully complete Aquatic Science conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical thinking and problem-solving skills.						
Course Number:		3652	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		State Recommended prerequisite: Integrated Physics and Chemistry, Chemistry, or concurrent enrollment in either course. This course is recommended for students in Grade 10, 11, or 12.						
Special Notes:		This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans, or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
Course:		ASTRONOMY						
Course Description:		In Astronomy, students focus on patterns, processes, and relationships among astronomical objects in our universe. Students acquire basic astronomical knowledge and supporting evidence about sun-Earth-Moon relationships, the solar system, the Milky Way, the size and scale of the universe, and the benefits and limitations of exploration. Students conduct laboratory and field investigations to support their developing conceptual framework of our place in space and time.						
Course Number:		3650	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		State Prerequisites: Algebra I and Integrated Physics and Chemistry or Chemistry.						
Special Notes:		This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans, or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
Course:		EXPLORING LIFE SCIENCE						
Course Description:		This course is designed for students who need additional support prior to high school biology. In Exploring Life Science, students have the opportunity to develop greater understanding of science content while utilizing science and engineering practices. Students understand the value and role of curiosity in any discipline of science. In this course, students will utilize case studies to learn fundamental science processes while using their natural curiosity to explore ideas for new applications and products.						
Course Number:		3021	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:		None						
Special Notes:								

Course:		BIOLOGY						
Course Description:		Students in Biology focus on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems.						
Course Number:		3223	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 11
Prerequisites:		None						
Special Notes:								
Course:		BIOLOGY HONORS						
Course Description:		This course extends and deepens the topics covered in biology, including a strong emphasis on field and laboratory investigations and may include research activities in preparation for Advanced Placement Biology.						
Course Number:		3233	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:		None						
Special Notes:								
Course:		CHEMISTRY						
Course Description:		In Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory, chemical bonding, chemical stoichiometry, gas laws, solution chemistry, acid-base chemistry, thermochemistry, and nuclear chemistry. Students investigate how chemistry is an integral part of our daily lives.						
Course Number:		3323	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		State Recommended prerequisite: completion of or concurrent enrollment in a second year of mathematics. This course is recommended for students in Grades 10-12.						
Special Notes:		This course may count as a Laboratory Science or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
Course:		CHEMISTRY HONORS						
Course Description:		In Chemistry, students conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter, use of the Periodic Table, development of atomic theory, chemical bonding, chemical stoichiometry, gas laws, solution chemistry, acid-base chemistry, thermochemistry, and nuclear chemistry. Students investigate how chemistry is an integral part of our daily lives.						
Course Number:		3333	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		State Recommended prerequisite: completion of or concurrent enrollment in a second year of mathematics. This course is recommended for students in Grades 10-12.						
Special Notes:		This course may count as a Laboratory Science or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
Course:		EARTH SYSTEMS SCIENCE						
Course Description:		The Earth Systems Science course is designed to build on students' prior scientific and academic knowledge and skills to develop their understanding of Earth's systems. These systems (the atmosphere, hydrosphere, geosphere, and biosphere) interact through time to produce the Earth's landscapes, climate, and resources. Students explore the geologic history of individual dynamic systems through the flow of energy and matter, their current states, and how these systems affect and are affected by human use.						
Course Number:		3330	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		State Prerequisites: Algebra I and two credits of high school science.						
Special Notes:		This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans, or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
Course:		ENVIRONMENTAL SYSTEMS						
Course Description:		In Environmental Systems, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, natural changes in the environment, and human activities that impact the natural environment.						
Course Number:		3656	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		State Prerequisite: one unit of high school biology. Recommended prerequisite: Integrated Physics and Chemistry, Chemistry, or concurrent enrollment in either course. This course is recommended for students in Grade 10, 11, or 12.						
Special Notes:		This course may count as a fourth-year science credit on the Recommended and Distinguished Graduation Plans, or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
Course:		INTEGRATED PHYSICS & CHEMISTRY (IPC)						
Course Description:		In Integrated Physics and Chemistry, students conduct laboratory and field investigations, use engineering practices, use scientific practices during investigation, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter.						
Course Number:		3123	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:		None						
Special Notes:		This course does not count for Distinguished Achievement Program (DAP). Must be taken before Chemistry and Physics on the Recommended Graduation Plan. This course can count as a laboratory science class on the Foundation and Endorsement Graduation Plans.						

Course:		PHYSICS						
Course Description:		In Physics, students conduct laboratory and field investigations, use scientific practices 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, forces, characteristics and behavior of waves, and electricity and magnetism. Students will apply conceptual knowledge and collaborative skills to experimental design, implementation, and interpretation.						
Course Number:		3423	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		State Recommended prerequisite or corequisite: Algebra I. This course is recommended for students in Grades 9-12.						
Special Notes:		This course may count as a Laboratory Science course or an Advanced Science course on Foundation and Endorsement Graduation Plans.						
Course:		PHYSICS HONORS						
Course Description:		In Physics, students conduct laboratory and field investigations, use scientific practices 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, forces, characteristics and behavior of waves, and electricity and magnetism. Students will apply conceptual knowledge and collaborative skills to experimental design, implementation, and interpretation.						
Course Number:		3433	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		State Recommended prerequisite or corequisite: Algebra I. This course is recommended for students in Grades 9-12.State Recommended prerequisite or corequisite: Algebra I. This course is recommended for students in Grades 9-12.						
Special Notes:		This course may count as a Laboratory Science or as an Advanced Science on Foundation and Endorsement Graduation Plans.						

Social Studies

Course: ADVANCED PLACEMENT COMPARATIVE GOVERNMENT AND POLITICS							
Course Description:	AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students compare the effectiveness of approaches to many global issues by examining how different governments solve similar problems. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments.						
Course Number:	4826	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Recommended: at least two credits in AP level Social Studies						
Special Notes:	A summer reading program may be required.						
Course: ADVANCED PLACEMENT EUROPEAN HISTORY							
Course Description:	AP European History is an introductory college-level European history course. Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.						
Course Number:	4221	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: at least one credit in AP level Social Studies						
Special Notes:	This course does not fulfill the World History graduation requirement.						
Course: ADVANCED PLACEMENT HUMAN GEOGRAPHY							
Course Description:	AP Human Geography is an introductory college-level human geography course. Students cultivate their understanding of human geography through data and geographic analyses as they explore topics like patterns and spatial organization, human impacts and interactions with their environment, and spatial processes and societal changes.						
Course Number:	4123	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:	This full year course satisfies the World Geography credit needed for graduation.						
Course: ADVANCED PLACEMENT HUMAN GEOGRAPHY							
Course Description:	AP Human Geography is an introductory college-level human geography course. Students cultivate their understanding of human geography through data and geographic analyses as they explore topics like patterns and spatial organization, human impacts and interactions with their environment, and spatial processes and societal changes.						
Course Number:	4122	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:	This semester course may be used to meet only elective course requirements.						
Course: ADVANCED PLACEMENT MACROECONOMICS							
Course Description:	AP Microeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy.						
Course Number:	4811	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Recommended: at least two credits in AP level Social Studies						
Special Notes:	A summer reading program may be required. This course satisfies the Economics graduation credit.						
Course: ADVANCED PLACEMENT MICROECONOMICS							
Course Description:	AP Microeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy.						
Course Number:	4812	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Recommended: at least two credits in AP level Social Studies						
Special Notes:	A summer reading program may be required. This course satisfies the Economics graduation credit.						
Course: ADVANCED PLACEMENT PSYCHOLOGY							
Course Description:	AP Psychology explore the ideas, theories, and methods of the scientific study of behavior and mental processes. You'll examine the concepts of psychology through reading and discussion and you'll analyze data from psychological research studies.						
Course Number:	4829	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Recommended: at least two credits in Social Studies						
Special Notes:	A summer reading program may be required.						

Course:	ADVANCED PLACEMENT RESEARCH						
Course Description:	AP Research, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.						
Course Number:	4131	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	AP Seminar						
Special Notes:	Review campus level course description. Specific campuses offer this course in combination with Model United Nations.						
Course:	ADVANCED PLACEMENT SEMINAR						
Course Description:	AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas.						
Course Number:	4130	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Model UN participation during the previous year						
Special Notes:	Review campus level course description. Specific campuses offer this course in combination with Model United Nations.						
Course:	ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS						
Course Description:	AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.						
Course Number:	4350	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Recommended: at least two credits in AP level Social Studies						
Special Notes:	This course satisfies the U.S. Government graduation credit.						
Course:	ADVANCED PLACEMENT UNITED STATES HISTORY						
Course Description:	AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.						
Course Number:	4115	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:							
Special Notes:	This course satisfies the U.S. History graduation credit.						
Course:	ONRAMPS UNITED STATES HISTORY						
Course Description:	In this course, students explore the scope and depth of the American experience, engaging with course material both independently and collaboratively to develop critical thinking skills, analyze evidence-based historical narratives, and conduct archival research. Each unit consists of primary and secondary sources that challenge students to uncover the complexities within historical study. The first half of the course includes the history of the United States from 1492 to 1865, and the second half surveys United States history since 1865.						
Course Number:	4119	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	English I / English II (or concurrent enrollment)						
Special Notes:	This course does satisfy U.S. History credit for graduation.						
Course:	ADVANCED PLACEMENT WORLD HISTORY: MODERN						
Course Description:	AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.						
Course Number:	4215	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: World Geography or AP Human Geography						
Special Notes:	This course satisfies graduation requirements.						
Course:	ANTHROPOLOGY						
Course Description:	Anthropology explores the cultural diversity of human societies through the lens of scientific analysis and awareness. The course introduces students to the history of anthropology as a study of the human condition. Units in the course are divided along the four major branches of anthropology: biological anthropology, cultural anthropology, linguistic anthropology, and archaeology.						
Course Number:	4828	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Recommended: World Geography or World History						
Special Notes:	Please be advised that the theory of human evolution will be discussed in this course.						

Course:	ONRAMPS ECONOMICS					
Course Description:	OnRamps Economics introduces students to the principles, models, and conditions that influence how consumers, businesses, governments, and workers make and evaluate economic decisions. The course places emphasis on microeconomics concepts and quantitative reasoning as students employ logic, mathematics, and technology to interpret basic statistics and apply economic analysis. It also features macroeconomics topics and personal financial literacy content in addition to core concepts including scarcity and opportunity costs, supply and demand, market structures, competition, and behavioral economics.					
Course Number:	4819	Credits:	0.5	Term:	Semester	Grade Placement: 11 - 12
Prerequisites:	World Geography or World History, and Algebra II (recommended or concurrent enrollment)					
Special Notes:						
Course:	ECONOMICS: EMPHASIS ON THE FREE ENTERPRISE SYSTEM AND ITS BENEFITS					
Course Description:	Economics with Emphasis on the Free Enterprise System and Its Benefits is the culmination of the economic content and concepts studied from Kindergarten through required secondary courses. The focus is on the basic principles concerning production, consumption, and distribution of goods and services (the problem of scarcity) in the United States and a comparison with those in other countries around the world. Students analyze the interaction of supply, demand, and price. Students will investigate the concepts of specialization and international trade, economic growth, key economic measurements, and monetary and fiscal policy. Students will study the roles of the Federal Reserve System and other financial institutions, government, and businesses in a free enterprise system. Types of business ownership and market structures are discussed. The course also incorporates instruction in personal financial literacy. Students apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues.					
Course Number:	4822	Credits:	0.5	Term:	Semester	Grade Placement: 11 - 12
Prerequisites:	Recommended: World Geography, World History, and United States History					
Special Notes:	This course does satisfy graduation requirements.					
Course:	ETHNIC STUDIES: AFRICAN AMERICAN STUDIES					
Course Description:	In Ethnic Studies: African American Studies, students learn about the history and cultural contributions of African Americans. This course is designed to assist students in understanding issues and events from multiple perspectives. This course develops an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions within the broader context of United States history. It requires an analysis of important ideas, social and cultural values, beliefs, and traditions. Knowledge of past achievements provides citizens of the 21st century with a broader context within which to address the many issues facing the United States.					
Course Number:	4223	Credits:	1.0	Term:	Full Year	Grade Placement: 9-12
Prerequisites:						
Special Notes:						
Course:	ETHNIC STUDIES: MEXICAN AMERICAN STUDIES					
Course Description:	In Ethnic Studies: Mexican American Studies, students learn about the history and cultural contributions of Mexican Americans. Students explore history and culture from an interdisciplinary perspective. The course emphasizes events in the 20th and 21st centuries, but students will also engage with events prior to the 20th century.					
Course Number:	4222	Credits:	1.0	Term:	Full Year	Grade Placement: 9-12
Prerequisites:						
Special Notes:						
Course:	PERSONAL FINANCIAL LITERACY					
Course Description:	Personal Financial Literacy will help students learn to make sound, informed financial decisions. Personal Financial Literacy is designed to be an interactive and research-based course. The course will teach students to apply critical-thinking and problem-solving skills to decisions involving earning and spending money, saving and investing money, credit and borrowing, insuring and protecting, and college and postsecondary education and training. This course includes instruction in methods of paying for college and other postsecondary education and training along with completing the application for federal student aid provided by the U.S. Department of Education.					
Course Number:	4815	Credits:	0.5	Term:	Semester	Grade Placement: 10-12
Prerequisites:						
Special Notes:	Students may not be awarded credit for both the Personal Financial Literacy and Economics course and the Personal Financial Literacy high school elective course.					
Course:	PERSONAL FINANCIAL LITERACY AND ECONOMICS					
Course Description:	The Personal Financial Literacy and Economics Course emphasizes the economic way of thinking, which serves as a framework for the personal financial decision-making opportunities introduced in the course. Students will demonstrate the ability to anticipate and address financial challenges as these challenges occur over their lifetime. In addition, students are introduced to common economic and personal financial planning terms and concepts. As a result of learning objective concepts and integrating subjective information, students gain the ability to lead productive and financially self-sufficient lives. The course requires that students demonstrate critical thinking by exploring how to invest in themselves with education and skill development, earn income, and budget for spending, saving, investing, and protecting.					
Course Number:	4820	Credits:	0.5	Term:	Semester	Grade Placement: 11-12
Prerequisites:	Recommended: World Geography, World History, and United States History					
Special Notes:	This course does satisfy graduation requirements. Students may not be awarded credit for both the Personal Financial Literacy and Economics course and the Personal Financial Literacy high school elective course.					

Course:	PSYCHOLOGY						
Course Description:	In Psychology, students study the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.						
Course Number:	4830	Credits:	0.5	Term:	Semester	Grade Placement:	11-12
Prerequisites:							
Special Notes:							
Course:	SOCIOLOGY						
Course Description:	Sociology is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.						
Course Number:	4831	Credits:	0.5	Term:	Semester	Grade Placement:	11-12
Prerequisites:							
Special Notes:							
Course:	ADVANCED SOCIAL STUDIES: MODEL UN I						
Course Description:	This course utilizes an international approach to examining the yearly issues/topics being addressed by the United Nations. Students will conduct extensive research on topics of international concern and will practice, in simulations, the United Nations deliberations through programs in the United States and Mexico.						
Course Number:	4847	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:	A summer reading program may be required.						
Course:	ADVANCED SOCIAL STUDIES: MODEL UN II						
Course Description:	Building on the first-year course, students in Model UN II are expected to prepare for and attend a national or international level conference. Students are required to compile a detailed briefing of an assigned nation's foreign policy, recent political history, and domestic and international issues that the assigned nation considers of immediate importance. Students are also expected to become an expert on one area of international importance. Research completed on this issue will become the background documentation for use during a model UN conference hosted by the campus. Students examine the issue from multiple perspectives and present a summary of various options/stances taken by the international community. Students will also develop a bibliography of resources pertaining to the topic they have chosen.						
Course Number:	4850	Credits:	0.5	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	None						
Special Notes:	A summer reading program may be required.						
Course:	ADVANCED SOCIAL STUDIES: MODEL UN III						
Course Description:	Students will build an understanding of the myriad of issues on the world's agenda, and the role played by each Model UN representative when discussing international issues. Students will select topics for and participate in at least one school-based Model UN conference simulation. Their participation requires that they chair one committee. The student will also prepare for at least one national or international conference, acting as the coordinating or lead delegate. The student will review a recently published work discussing international relations.						
Course Number:	4851	Credits:	0.5	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	None						
Special Notes:	A summer reading program may be required.						
Course:	ADVANCED SOCIAL STUDIES: MODEL UN IV						
Course Description:	Students in Model UN are expected to prepare for and attend a national or international level conference. Students are required to compile a detailed briefing of an assigned nation's foreign policy, recent political history and domestic and international issues that the assigned nation considers of immediate importance. Students are also expected to become an expert on one area of international importance. Research completed on this issue will become the background documentation for use during a model UN conference hosted by the campus. Students examine the issue from multiple perspectives and present a summary of various options/stances taken by the international community. Students will also develop a bibliography of resources pertaining to the topic they have chosen.						
Course Number:	4835	Credits:	0.5	Term:	Semester	Grade Placement:	12
Prerequisites:							
Special Notes:	A summer reading program may be required.						
Course:	SPECIAL TOPICS: AREA STUDIES						
Course Description:	This course is designed to immerse students in the study of a region of the world (ex. Africa, Asia, Latin America, Middle East) including its history, culture, language and political structures. This course can be repeated with different area focuses as long as the student does not exceed 2.0 Credits: in all Special Topic courses.						
Course Number:	4854	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Recommended: World History						
Special Notes:							

Course: SPECIAL TOPICS: AREA STUDIES II	
Course Description:	This course is designed to immerse students in the study of a region of the world including its history, culture, language and political structures.
Course Number: 4838	Credits: 0.5 Term: Semester Grade Placement: 10 - 12
Prerequisites:	
Special Notes:	
Course: SPECIAL TOPICS: CONTEMPORARY ISSUES IN U.S. HISTORY	
Course Description:	Many recent events have greatly influenced our thinking about the United States, its culture, government, and role in the world. Some of these events are the use of the atomic bomb on Japan to end World War II, the communist witch-hunts of the 1950s (McCarthyism) the Cold War, the assassinations of the 1960s, the Vietnam War, Watergate, the collapse of the Soviet empire, the terrorist attacks of September 11, 2001, and the resulting war on terrorism. This one-semester course will explore these events and others to see how they have affected our lives and attitudes as we enter the 21st century. A unique and challenging opportunity for the use of various research and learning strategies will be provided, including Socratic Dialogue, teacher and student-led seminars, Internet web sites, e-mail and student presentations using technology resources.
Course Number: 4845	Credits: 0.5 Term: Semester Grade Placement: 9 - 12
Prerequisites:	None
Special Notes:	
Course: SPECIAL TOPICS: ETHICS, ECONOMY & ENTREPRENEURSHIP	
Course Description:	This is an advanced social studies course combining the principles of economics, ethics, and entrepreneurship. Economy is our framework for cooperation. The study of entrepreneurship revolves around the skills and aptitudes necessary to leverage initiative into successful outcomes, whether as a small business owner, an employee, or a volunteer. Ethics is the subject of how to live in the world so that it is better with us than without us. How do we harness self-interest so that it creates value for other people? How do we develop the skills that make those around us better off? What kind of life do we want to live? What kind of society do we want to live in? These fundamental questions we will explore as we examine institutions in society. This course serves as a moral foundation for careers in law, economics, politics, journalism, and business.
Course Number: 4821	Credits: 0.5 Term: Semester Grade Placement: 10-12
Prerequisites:	None
Special Notes:	
Course: SPECIAL TOPICS: GLOBAL LEADERSHIP	
Course Description:	In this course, students will examine and explore current events (one for each nine weeks). Students will research and analyze the geographic, historical and cultural aspects of the topic and predict how today's events will impact tomorrow.
Course Number: 4849	Credits: 0.5 Term: Semester Grade Placement: 11 - 12
Prerequisites:	None
Special Notes:	History Fair Presentation
Course: SPECIAL TOPICS: LOCAL AND GLOBAL AFFAIRS	
Course Description:	This course is designed so that students will study a social issue in depth and relate it to their own local community. This is an advanced social studies course in which topics may change year to year according to current and relevant issues. To understand issues, students will explore the culture, geography, and history of the course topics.
Course Number: 4839	Credits: 0.5 Term: Semester Grade Placement: 10 - 12
Prerequisites:	Recommended: World Geography or AP Human Geography
Special Notes:	

Course:	SPECIAL TOPICS: PHILOSOPHY						
Course Description:	This course is designed to provide an introduction to philosophy. The arguments of both ancient and modern philosophers will be studied, and students will develop their own responses to philosophical questions in reference to life, the universe, morality and the nature of man.						
Course Number:	4837	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:							
Course:	SPECIAL TOPICS: UNITED STATES MILITARY HISTORY: 1607-1898						
Course Description:	This course introduces the military history of the United States through a survey of its pivotal wars. The course includes an overview of each war, it's important battles, the strategies and tactics of the opposing forces and a look at the individuals involved in each conflict. Topics will include colonial wars, the Revolution, the War of 1812, the US-Mexican War, the Civil War, the Spanish-American War and major Indian wars.						
Course Number:	4856	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	None						
Special Notes:							
Course:	SPECIAL TOPICS: UNITED STATES MILITARY HISTORY: 1898 TO THE PRESENT						
Course Description:	This course introduces the military history of the United States through a survey of its pivotal wars. The course includes an overview of each war, it's important battles, the strategies and tactics of the opposing forces and a look at the individuals involved in each conflict. Topics will include World War I, World War II, the Korean War, the Vietnam War and the First and Second Gulf Wars.						
Course Number:	4857	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	None						
Special Notes:							
Course:	UNITED STATES HISTORY STUDIES SINCE 1877						
Course Description:	In United States History Studies Since 1877, which is the second part of a two-year study that begins in Grade 8, students study the history of the United States from 1877 to the present. The course content is based on the founding documents of the U.S. government, which provide a framework for its heritage. Historical content focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies, and reform movements, including civil rights. Students examine the impact of geographic factors on major events and eras and analyze their causes and effects. Students examine the impact of constitutional issues on American society, evaluate the dynamic relationship of the three branches of the federal government, and analyze efforts to expand the democratic process. Students describe the relationship between the arts and popular culture and the times during which they were created. Students analyze the impact of technological innovations on American life. Students use critical-thinking skills and a variety of primary and secondary source material to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context.						
Course Number:	4113	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	World Geography or World History						
Special Notes:							
Course:	UNITED STATES GOVERNMENT						
Course Description:	In U.S. Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, function and powers of government at the national, state, and local levels. This course is the culmination of the civic and governmental content and concepts studied from kindergarten through required secondary courses. This course provides an opportunity to study in depth the foundation of the U.S. political system; to analyze the political institutions, processes, and values of the system; to analyze the structure and functions of the government on local, state, and federal levels; and to study the major documents which will include the Constitution, Bill of Rights, and Federalist Papers. Students put into practice the content and concepts they have learned about responsibilities on the civic level.						
Course Number:	4346	Credits:	0.5	Term:	Semester	Grade Placement:	11-12
Prerequisites:	Recommended: World Geography, World History, and United States History						
Special Notes:							
Course:	WORLD GEOGRAPHY STUDIES						
Course Description:	In World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. Students describe the influence of geography on events of the past and present with emphasis on contemporary issues. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major landforms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of the world population; relationships among people, places, and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems. Students identify the processes that influence political divisions of the planet and analyze how different points of view affect the development of public policies. Students compare how components of culture shape the characteristics of regions and analyze the impact of technology and human modifications on the physical environment. Students use problem-solving and decision-making skills to ask and answer geographic questions.						
Course Number:	4120	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							

Course: WORLD HISTORY STUDIES						
Course Description:	<p>World History Studies is a survey of the history of humankind. Due to the expanse of world history and the time limitations of the school year, the scope of this course should focus on "essential" concepts and skills that can be applied to various eras, events, and people within the standards. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Traditional historical points of reference in world history are identified as students analyze important events and issues in western civilization as well as in civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism and of major political revolutions since the 17th century. Students examine the impact of geographic factors on major historic events and identify the historic origins of contemporary economic systems. Students analyze the process by which constitutional governments evolved as well as the ideas from historic documents that influenced that process. Students trace the historical development of important legal and political concepts. Students examine the history and impact of major religious and philosophical traditions. Students analyze the connections between major developments in science and technology and the growth of industrial economies, and they use the process of historical inquiry to research, interpret, and use multiple sources of evidence.</p>					
Course Number:	4213	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Recommended: World Geography or AP Human Geography					
Special Notes:						

Special Education

Course:		ADAPTED LIFETIME AND WELLNESS PURSUITS					
Course Description:	This program is designed for students who require significant modification to the PE TEKS as determined by ARD committee. Individualized testing and instruction include developmental games, remedial exercises, motor tasks, special exercises as prescribed by a physician or physical therapist, and recreational skills for leisure sports.						
Course Number:	7203	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ADAPTIVE SKILLS (ADAPT 18-21)					
Course Description:	Adaptive Skills (18-21) courses focus on self-determination, scheduling, and participating in a community based personal or recreational activity with direct instruction in the community toward the student's post-secondary goals.						
Course Number:	7811	Credits:	1.0	Term:	Full Year	Grade Placement:	Age 18+
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ALE ALGEBRA I					
Course Description:	ALE Algebra I is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for Algebra I through an alternate curriculum. Students learn to use a variety of representations, tools and technology to solve meaningful problems.						
Course Number:	2001	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ALE ALGEBRAIC REASONING					
Course Description:	ALE Algebraic Reasoning is for students receiving special education services whose ARD committee has determined the student requires this course. This special education course setting incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for Algebra II through an alternate curriculum. Students study algebraic concepts and their relationships. They will learn to use a variety of representations, tools and technology to solve meaningful problems.						
Course Number:	2004	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination; Algebra I						
Special Notes:							
Course:		ALE BIOLOGY					
Course Description:	ALE Biology is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for Biology through an alternate curriculum. Student investigations include observations, collection of data, data analysis and some laboratory investigations.						
Course Number:	3001	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ALE CHEMISTRY					
Course Description:	ALE Chemistry is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for Chemistry through an alternate curriculum. Student investigations include observations, collection of data, data analysis and some laboratory investigations.						
Course Number:	3003	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		COMMUNITY TRANSPORTATION					
Course Description:	Community Transportation will focus on helping students research and access public transportation options in their respective communities. Areas addressed include pedestrian and rider safety, navigating public transportation systems, use of technology, and general social skills.						
Course Number:	7825	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							

Course: ALE COMMUNICATION APPLICATIONS	
Course Description:	ALE Communication Applications will focus on helping students develop the fundamental skills necessary to communicate effectively in a variety of modes with an emphasis on listening, speaking, discussing, planning, presenting and assessing. In this special education setting, the students will develop the skills to assist them in becoming an effective communicator in the classroom, on the job and/or in the community.
Course Number: 5808	Credits: 0.5 Term: Semester Grade Placement: 9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination
Special Notes:	
Course: ALE DAILY LIVING	
Course Description:	ALE Daily Living is for students receiving special education services whose ARD committee has determined that the student requires this course. This special education setting course focuses on development of daily living skills and self-help in order to foster independence.
Course Number: 7824	Credits: 0.5 Term: Semester Grade Placement: 11 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination
Special Notes:	
Course: ALE ECONOMICS	
Course Description:	ALE Economics is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for Economics through an alternate curriculum. This course provides opportunities for students to study basic principles concerning production, consumption and distribution of goods and services.
Course Number: 4005	Credits: 0.5 Term: Semester Grade Placement: 9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination
Special Notes:	
Course: ALE ENGLISH I	
Course Description:	ALE English I is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course is designed to teach functional English skills related to everyday living experiences. English I incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for English I through an alternate curriculum. Areas covered throughout the year include reading/literary study, writing, oral and written language development, basic grammar, spelling, listening and following directions.
Course Number: 1011	Credits: 1.0 Term: Full Year Grade Placement: 9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination
Special Notes:	
Course: ALE ENGLISH II	
Course Description:	ALE English II is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course is designed to teach functional English skills related to everyday living experiences. English II incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for English II through an alternate curriculum. Areas covered throughout the year include reading/literary study, writing, oral and written language development, grammar, spelling, listening and following directions.
Course Number: 1012	Credits: 1.0 Term: Full Year Grade Placement: 9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination
Special Notes:	
Course: ALE ENGLISH III	
Course Description:	ALE English III is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course is designed to teach functional English skills related to everyday living experiences. English III incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for English III through an alternate curriculum. Areas covered throughout the year include reading/literary study, writing, oral and written language development, grammar, spelling, listening and following directions.
Course Number: 1013	Credits: 1.0 Term: Full Year Grade Placement: 9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination
Special Notes:	
Course: ALE ENGLISH IV	
Course Description:	ALE English IV is for students receiving special education services whose ARD committee has determined that the student requires this course. This special education setting course is designed to teach functional English skills related to everyday living experiences. English IV incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for English IV through an alternate curriculum. Areas covered throughout the year include reading/literary study, writing, oral and written language development, grammar, spelling, listening and following directions.
Course Number: 1014	Credits: 1.0 Term: Full Year Grade Placement: 9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination
Special Notes:	

Course:		ALE ENVIRONMENTAL SCIENCE					
Course Description:	ALE Environmental Science is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for Environmental Science through an alternate curriculum. This course is designed to enable a better understanding of man's impact on his surroundings and the environmental needs of the future.						
Course Number:	3004	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ALE GEOMETRY					
Course Description:	ALE Geometry is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for Geometry through an alternate curriculum. Geometry students solve meaningful problems using geometric ideas, relationships and properties.						
Course Number:	2002	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ALE GOVERNMENT					
Course Description:	ALE Government is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for Government through an alternate curriculum. In Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, function and powers of government at the national, state and local levels.						
Course Number:	4004	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ALE HEALTH					
Course Description:	ALE Health is a special education setting course designed to address health issues including personal hygiene, emotions, behavior, alcohol, drugs, tobacco, CPR, sex education, and safety as appropriate for each student and as determined by the ARD/IEP committee.						
Course Number:	7106	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ALE IPC					
Course Description:	ALE IPC is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for IPC through an alternate curriculum. Student investigations include observations, collection of data, data analysis and some laboratory investigations.						
Course Number:	3002	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ALE MATH MODELS					
Course Description:	ALE Math Models is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for Math Models through an alternate curriculum. In this course, students learn to use mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design and science.						
Course Number:	2003	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ALE READING I					
Course Description:	ALE Reading I is designed to teach the student functional reading skills related to everyday living experiences. Emphasis is placed on development of basic reading skills, reading comprehension and learning signs and symbols used in the community.						
Course Number:	1625	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course:		ALE READING II					
Course Description:	ALE Reading II is designed to teach the student functional reading skills related to everyday living experiences and post-secondary goals. Strong emphasis will be placed on sight word recognition, vocabulary development and comprehension skills. TEKS, pacing and materials will be modified to meet individual needs of the student.						
Course Number:	1626	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination, ALE Reading I						
Special Notes:							

Course:		ALE READING III						
Course Description:		ALE Reading III is designed to teach the student functional reading skills related to everyday living experiences and post-secondary goals. Strong emphasis will be placed on sight word recognition, vocabulary development and comprehension skills. TEKS, pacing and materials will be modified to meet individual needs of the student.						
Course Number:		1627	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination, ALE Reading II						
Special Notes:								
Course:		ALE READING IV						
Course Description:		ALE Reading IV is designed to teach the student functional reading skills related to everyday living experiences and post-secondary goals. Strong emphasis will be placed on sight word recognition, vocabulary development and comprehension skills. Technology and assistive technology will be used to bring the written word to students whose disability prevents them from reading in the traditional manner. TEKS, pacing and materials will be modified to meet individual needs of the student.						
Course Number:		1628	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination, ALE Reading III						
Special Notes:								
Course:		ALE US HISTORY						
Course Description:		ALE US History is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for US History through an alternate curriculum. The course is designed to cover U.S. historical, cultural, social and political events that have played a significant part in the development of the history of the United States.						
Course Number:		4003	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:								
Course:		ALE WORLD GEOGRAPHY						
Course Description:		ALE World Geography is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills which are vertically aligned to prerequisite skills for World Geography through an alternate curriculum. Students examine people, places, and environments on local, regional, national and international scales. Students use problem-solving and decision-making skills to ask and answer geographic questions.						
Course Number:		4001	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:								
Course:		ALE WORLD HISTORY						
Course Description:		ALE World History is for students receiving special education services whose ARD committee has determined the student requires this course. This special education setting course incorporates the Texas Essential Knowledge and Skills of World History which are vertically aligned to prerequisite skills through an alternate curriculum. This course offers an overview of the history of humankind to include the study of significant people, events and issues from the earliest times to the present.						
Course Number:		4002	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:								
Course:		PATH-COLLEGE/CAREER 1						
Course Description:		This course is designed for students who are mainstreamed into a majority of general education classes. In this special education setting class, students receive remedial or tutorial assistance with their subjects. Emphasis is placed on developing study skills, organizational skills, problem-solving, communication and decision-making skills. In addition, students may receive support in coping with everyday problems through discussion or time-out periods.						
Course Number:		7806	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:		Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:								
Course:		PATH-COLLEGE/CAREER 2						
Course Description:		This course is designed for students who are mainstreamed into a majority of general education classes. In this special education setting class, students receive remedial or tutorial assistance with their subjects. Emphasis is placed on developing study skills, organizational skills, problem-solving, communication and decision-making skills. In addition, students may receive support in coping with everyday problems through discussion or time-out periods.						
Course Number:		7807	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:		Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:								

Course: PATH-COLLEGE/CAREER 3							
Course Description:	This course is designed for students who are mainstreamed into a majority of general education classes. In this special education setting class, students receive remedial or tutorial assistance with their subjects. Emphasis is placed on developing study skills, organizational skills, problem-solving, communication and decision-making skills. In addition, students may receive support in coping with everyday problems through discussion or time-out periods.						
Course Number:	7808	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course: PATH-COLLEGE/CAREER 4							
Course Description:	This course is designed for students who are mainstreamed into a majority of general education classes. In this special education setting class, students receive remedial or tutorial assistance with their subjects. Emphasis is placed on developing study skills, organizational skills, problem-solving, communication and decision-making skills. In addition, students may receive support in coping with everyday problems through discussion or time-out periods.						
Course Number:	7809	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course: COMMUNITY BEYOND (COM 18-21)							
Course Description:	Community courses provide direct instruction of functional academics and adaptive/developmental skills in the student's natural environment in alignment with the student's post-secondary goals.						
Course Number:	7871	Credits:	1.0	Term:	Full Year	Grade Placement:	Age 18+
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course: DOMESTICS (DOM 18-21)							
Course Description:	Domestics (18-21) courses focus on direct instruction of independent living skills and/or budgeting and money management skills in the community in alignment with the student's post-secondary goals.						
Course Number:	7892	Credits:	1.0	Term:	Full Year	Grade Placement:	Age 18+
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course: NAVIGATING LIFE WITH HEARING LOSS							
Course Description:	Navigating Life with Hearing Loss is for students receiving special education services whose ARD committee has determined that the student requires the course. In this special education setting class, students will receive the necessary information, resources, and opportunities that will empower students who are deaf or hard of hearing to effectively apply information and skills learned in educational, home, and community settings in order to facilitate achievement in secondary and postsecondary environments. Areas to be addressed are audiology, hearing health, assistive technology, available support services and accommodations, communication, self-determination and advocacy, and Deaf Culture						
Course Number:	7801	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible student receiving Special Education services; ARD/IEP Committee determination						
Special Notes:							
Course: READING RESOURCE IV							
Course Description:	This course is designed to teach the student functional reading skills related to everyday living experiences. Typically, a carefully sequenced, highly repetitive sight word approach is used. Emphasis is placed on development of basic reading skills, reading comprehension, and learning signs and symbols used in the community.						
Course Number:	1620	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course: GENERAL EMPLOYABILITY SKILLS							
Course Description:	Work-Based Learning courses are delivered through classroom and campus jobs that emphasize development of skills necessary for employment and will lead to the student's post-secondary goals. These courses prepare students for off-campus job sites and emphasize the development of skills necessary for placement in a work setting for students in special education Activities will include a combination of school and community-based instructional settings. Local employers provide training, NEISD Job Coaches & Transition Teacher provide support as students work toward their post-secondary goals.						
Course Number:	7848	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							

Course: STUDENT TO INDUSTRY CONNECTION							
Course Description:	Work-Based Learning courses are delivered through classroom and campus jobs that emphasize development of skills necessary for employment and will lead to the student's post-secondary goals. These courses prepare students for off-campus job sites and emphasize the development of skills necessary for placement in a work setting for students in special education Activities will include a combination of school and community-based instructional settings. Local employers provide training, NEISD Job Coaches & Transition Teacher provide support as students work toward their post-secondary goals.						
Course Number:	7849	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course: CAREER PREP							
Course Description:	Work-Based Learning courses are delivered through classroom and campus jobs that emphasize development of skills necessary for employment and will lead to the student's post-secondary goals. These courses prepare students for off-campus job sites and emphasize the development of skills necessary for placement in a work setting for students in special education Activities will include a combination of school and community-based instructional settings. Local employers provide training, NEISD Job Coaches & Transition Teacher provide support as students work toward their post-secondary goals.						
Course Number:	7850	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
Course: WORK-BASED LEARNING IV (WBL 18-21)							
Course Description:	Work-Based Learning courses are delivered through classroom and campus jobs that emphasize development of skills necessary for employment and will lead to the student's post-secondary goals. These courses prepare students for off-campus job sites and emphasize the development of skills necessary for placement in a work setting for students in special education Activities will include a combination of school and community-based instructional settings. Local employers provide training, NEISD Job Coaches & Transition Teacher provide support as students work toward their post-secondary goals.						
Course Number:	7851	Credits:	1.0	Term:	Full Year	Grade Placement:	Age 18+
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							

World Languages - American Sign Language

Course:		AMERICAN SIGN LANGUAGE I					
Course Description:	American Sign Language I is the first course of a recommended three-year sequence designed to develop fundamental language necessary to develop receptive and expressive skills. The culture and heritage of the hearing-impaired community is integrated into all aspects of the course. Student will develop confidence in using ASL to describe familiar topics such as family, hobbies, and school life. By the end of the first year of world language study, students should be able to understand and communicate in the target language at a novice mid to novice high level. Novice mid signers are able to use memorized phrases and lists of words. Novice high signers are able to use simple sentences and ask/answer questions about familiar topics.						
Course Number:	5451	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:	This course may count towards World Languages credit.						
Course:		AMERICAN SIGN LANGUAGE II					
Course Description:	American Sign Language II is a continuation of the development of the three modes of communication. Students will continue to learn vocabulary, grammatical structures, and syntax on familiar topics of interest necessary to communicate in everyday, realistic situations. In addition to understanding the deaf culture, students will learn how to interact competently and comfortably with hearing-impaired individuals. By the end of the second year of world language, students should be able to understand and communicate in the target language at a novice high to intermediate low level. Novice high signers are able to use simple sentences and ask/answer questions about familiar topics. Intermediate low signers are able to begin creating original sentences with the language.						
Course Number:	5452	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	American Sign Language I						
Special Notes:	This course may count towards World Languages credit.						
Course:		AMERICAN SIGN LANGUAGE II HONORS					
Course Description:	American Sign Language II is an expansion of the ASL II curriculum and challenges students to develop a higher level of proficiency across the modes of communication. Students will continue to learn vocabulary, grammatical structures, and syntax on familiar topics of interest necessary to communicate in everyday, realistic situations. In addition to understanding the deaf culture, students will learn how to interact competently and comfortably with hearing-impaired individuals. By the end of the second year of world language, students should be able to understand and communicate in the target language at a novice high to intermediate low level. Novice high signers are able to use simple sentences and ask/answer questions about familiar topics. Intermediate low signers are able to begin creating original sentences with the language.						
Course Number:	5450	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	American Sign Language I						
Special Notes:	This course may count towards World Languages credit.						
Course:		AMERICAN SIGN LANGUAGE III HONORS					
Course Description:	The American Sign Language III Honors course continues to strengthen proficiency in the three modes of communication. Students will continue to learn vocabulary, grammatical structures, and syntax on familiar topics of interest necessary to communicate in everyday, realistic situations. In addition to understanding the deaf culture, students will learn how to interact competently and comfortably with hearing-impaired individuals. By the end of the third year of world language, students should be able to understand and communicate in the target language at an intermediate low level to intermediate mid-level. Intermediate low signers are able to begin creating original sentences with the language. Intermediate mid signers can easily combine original sentences in to complete thoughts and ideas.						
Course Number:	5453	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	American Sign Language II or II Honors						
Special Notes:	This course may count towards World Languages credit.						
Course:		AMERICAN SIGN LANGUAGE IV HONORS					
Course Description:	The American Sign Language IV Honors course continues to strengthen proficiency in the three modes of communication via receptive and expressive skills. Students will continue to learn vocabulary, grammatical structures, and syntax on familiar topics of interest necessary to communicate in everyday situations. In addition to understanding the deaf culture, students will learn how to interact competently and comfortably with hearing-impaired individuals. By the end of the fourth year of world language, students should be able to understand and communicate in the target language at an intermediate mid-level. Intermediate mid signers can easily combine original sentences in to complete thoughts and ideas.						
Course Number:	5454	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	American Sign Language III Honors						
Special Notes:	This course may count towards World Languages credit.						

World Languages - Chinese

Course:		ADVANCED PLACEMENT CHINESE LANGUAGE					
Course Description:	The Advanced Placement Chinese Language course is the equivalent of a third-year college course in advanced Chinese composition and conversation. It encompasses aural/oral skills, reading comprehension, grammar and composition. The course will emphasize the use of Chinese for active communication and has the following objectives: 1) the ability to comprehend formal and informal spoken and written Chinese; 2) the acquisition of vocabulary and a grasp of language structure to allow the comprehension of a variety of written source materials; 3) the ability to compose expository passages; and 4) the ability to express ideas orally with accuracy and fluency. This course prepares students for the Chinese Language Advanced Placement Exam as well as other college/university placement exams.						
Course Number:	5457	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Mandarin Chinese III Honors						
Special Notes:	District Program offered at LEE and Reagan High School. Academic transfer available to District Program at LEE High School. See counselor for information.						
Course:		MANDARIN CHINESE I					
Course Description:	Mandarin Chinese I is the first course of a recommended three-year sequence designed to develop fundamental language across the interpretive, interpersonal, and presentational modes of communication. The culture and civilization of the Mandarin Chinese- speaking world is integrated into all aspects of the course. Student will develop confidence in using spoken Mandarin Chinese to describe familiar topics such as family, hobbies, and school life. By the end of the first year of world language study, students should be able to understand and communicate in the target language at a novice mid to novice high level. Novice mid speakers are able to use memorized phrases and lists of words. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics.						
Course Number:	5445	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:	Course available at LEE and Reagan High Schools. Academic transfer available to District Program at LEE High School. See counselor for information.						
Course:		MANDARIN CHINESE II					
Course Description:	Mandarin Chinese II is a continuation of the development of the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the Chinese-speaking world. By the end of the second year of world language, students should be able to understand and communicate in the target language at a novice high to intermediate low level. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics. Intermediate low speakers are able to begin creating original sentences with the language.						
Course Number:	5446	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Mandarin Chinese I						
Special Notes:	Course available at LEE and Reagan High Schools. Academic transfer available to District Program at LEE High School. See counselor for information.						
Course:		MANDARIN CHINESE II HONORS					
Course Description:	Mandarin Chinese II Honors is an expansion of the Mandarin Chinese II curriculum and challenges students to develop a higher level of proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the Chinese-speaking world. By the end of the second year of Honors world language, students should be able to understand and communicate in the target language at an intermediate low level. Intermediate low speakers are able to begin creating original sentences with the language.						
Course Number:	5447	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Mandarin Chinese I						
Special Notes:	Course available at LEE and Reagan High Schools. Academic transfer available to District Program at LEE High School. See counselor for information.						
Course:		MANDARIN CHINESE III HONORS					
Course Description:	The Mandarin Chinese III Honors course continues to strengthen proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the Chinese- speaking world through reading, listening, and viewing of authentic materials. By the end of the third year of Honors world language, students should be able to understand and communicate in the target language at an intermediate mid-level. Intermediate mid speakers can easily combine original sentences into complete thoughts and ideas.						
Course Number:	5456	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Mandarin Chinese II or II Honors						
Special Notes:	Course available at LEE and Reagan High Schools. Academic transfer available to District Program at LEE High School. See counselor for information.						

World Languages - Exploratory Course

Course:	SPECIAL TOPICS IN LANGUAGE AND CULTURE					
Course Description:	This course will explore different languages and cultures through a project-based curriculum. This course will fulfill the graduation requirements for World Languages, but it will not count as a level II World Languages course and will not fulfill requirements for an endorsement. Students taking this course should contact the admissions office of their preferred college or university as it may not meet admissions requirements for all institutions of higher learning. Admission to this course is obtained through a district form with approval from the level I World Languages teacher, the principal, and the parent or through a student's 504 or ARD committee.					
Course Number:	5440	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	Credit for LOTE Level I					
Special Notes:	Admission to this course is obtained through a district form with approval from the level I LOTE teacher, the principal, and the parent or through a student's 504 or ARD committee.					

World Languages - French

Course:	ADVANCED PLACEMENT FRENCH LANGUAGE					
Course Description:	The Advanced Placement French Language course is the equivalent of a third-year college course in advanced French composition and conversation. It encompasses aural/oral skills, reading comprehension, grammar and composition. The course will emphasize the use of French for active communication and has the following objectives: 1) the ability to comprehend formal and informal spoken French; 2) the acquisition of vocabulary and a grasp of language structure to allow the easy, accurate reading of newspaper and magazine articles as well as modern literature in French; 3) the ability to compose expository passages; and 4) the ability to express ideas orally with accuracy and fluency. This course prepares students for the French Language Advanced Placement Exam as well as other college/university placement exams.					
Course Number:	5045	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	French III Honors or IV Honors					
Special Notes:						
Course:	FRENCH I					
Course Description:	French I is the first course of a recommended three-year sequence designed to develop fundamental language across the interpretive, interpersonal, and presentational modes of communication. The culture and civilization of the French-speaking world is integrated into all aspects of the course. Student will develop confidence in using spoken French to describe familiar topics such as family, hobbies, and school life. By the end of the first year of world language study, students should be able to understand and communicate in the target language at a novice mid to novice high level. Novice mid speakers are able to use memorized phrases and lists of words. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics.					
Course Number:	5013	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	None					
Special Notes:						
Course:	FRENCH II					
Course Description:	French II is a continuation of the development of the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the French-speaking world. By the end of the second year of world language, students should be able to understand and communicate in the target language at a novice high to intermediate low level. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics. Intermediate low speakers are able to begin creating original sentences with the language.					
Course Number:	5023	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	French I					
Special Notes:						
Course:	FRENCH II HONORS					
Course Description:	French II Honors is an expansion of the French II curriculum and challenges students to develop a higher level of proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the French-speaking world. By the end of the second year of Honors world language, students should be able to understand and communicate in the target language at an intermediate low level. Intermediate low speakers are able to begin creating original sentences with the language.					
Course Number:	5024	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	French I					
Special Notes:						

Course:		FRENCH III HONORS						
Course Description:		The French III Honors course continues to strengthen proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the French-speaking world through reading, listening, and viewing of authentic materials. By the end of the third year of Honors world language, students should be able to understand and communicate in the target language at an intermediate mid-level. Intermediate mid speakers can easily combine original sentences into complete thoughts and ideas.						
Course Number:		5034	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		French II or II Honors						
Special Notes:								
Course:		FRENCH IV HONORS						
Course Description:		The French IV Honors course continues to strengthen proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics necessary to communicate in everyday situations. Students will continue to expand their knowledge and appreciation of the culture and civilization of the French-speaking world through reading, listening, and viewing of authentic materials. By the end of the fourth year of world language, students should be able to understand and communicate in the target language at an intermediate mid-level. Intermediate mid speakers can easily combine original sentences into complete thoughts and ideas.						
Course Number:		5044	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		French III Honors						
Special Notes:								
Course:		FRENCH V HONORS						
Course Description:		The fifth year of French is an independent study course designed to continue the reading, writing, analysis and criticism of selected works in French. The skills of listening and speaking with fluency and accuracy are highly developed. This course should prepare students for advanced level study at the college/university level.						
Course Number:		5054	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		French IV Honors or AP French Language						
Special Notes:								

World Languages - German

Course:	ADVANCED PLACEMENT GERMAN LANGUAGE					
Course Description:	The Advanced Placement German Language course is the equivalent of a third-year college course in advanced German composition and conversation. It encompasses aural/oral skills, reading, comprehension, grammar and composition. The course will emphasize the use of German for active communication and has the following objectives: 1) the ability to comprehend formal and informal spoken German; 2) the acquisition of vocabulary and a grasp of language structure to allow the easy, accurate reading of newspaper and magazine articles as well as modern literature in German; 3) the ability to compose expository passages, and 4) the ability to express ideas orally with accuracy and fluency. This course prepares students for the German Language Advanced Placement Exam as well as other college/university placement exams.					
Course Number:	5145	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	German III or III Honors or IV Honors					
Special Notes:						
Course:	GERMAN I					
Course Description:	German I is the first course of a recommended three-year sequence designed to develop fundamental language across the interpretive, interpersonal, and presentational modes of communication. The culture and civilization of the German-speaking world is integrated into all aspects of the course. Student will develop confidence in using spoken German to describe familiar topics such as family, hobbies, and school life. By the end of the first year of world language study, students should be able to understand and communicate in the target language at a novice mid to novice high level. Novice mid speakers are able to use memorized phrases and lists of words. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics.					
Course Number:	5113	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	None					
Special Notes:						
Course:	GERMAN II					
Course Description:	German II is a continuation of the development of the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the German-speaking world. By the end of the second year of world language, students should be able to understand and communicate in the target language at a novice high to intermediate low level. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics. Intermediate low speakers are able to begin creating original sentences with the language.					
Course Number:	5123	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	German I					
Special Notes:						
Course:	GERMAN II HONORS					
Course Description:	German II Honors is an expansion of the German II curriculum and challenges students to develop a higher level of proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the German-speaking world. By the end of the second year of Honors world language, students should be able to understand and communicate in the target language at an intermediate low level. Intermediate low speakers are able to begin creating original sentences with the language.					
Course Number:	5124	Credits:	1.0	Term:	Full Year	Grade Placement: 10 - 12
Prerequisites:	German I					
Special Notes:						
Course:	GERMAN III HONORS					
Course Description:	The German III Honors course continues to strengthen proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the German-speaking world through reading, listening, and viewing of authentic materials. By the end of the third year of Honors world language, students should be able to understand and communicate in the target language at an intermediate mid-level. Intermediate mid speakers can easily combine original sentences into complete thoughts and ideas.					
Course Number:	5134	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	German II or II Honors					
Special Notes:						
Course:	GERMAN IV HONORS					
Course Description:	The German IV Honors course continues to strengthen proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics necessary to communicate in everyday situations. Students will continue to expand their knowledge and appreciation of the culture and civilization of the German-speaking world through reading, listening, and viewing of authentic materials. By the end of the fourth year of world language, students should be able to understand and communicate in the target language at an intermediate mid-level. Intermediate mid speakers can easily combine original sentences into complete thoughts and ideas.					
Course Number:	5144	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	German III Honors					
Special Notes:						

Course:	GERMAN V HONORS						
Course Description:	The fifth year of German is an independent study course designed to continue the reading, writing, analysis and criticism of selected works in German. The skills of listening and speaking with fluency and accuracy are highly developed. This course should prepare students for advanced level study at the college/university level.						
Course Number:	5154	Credits:	1.0	Term:	Full Year	Grade Placement:	11-12
Prerequisites:	German IV Honors or AP German Language						
Special Notes:							

World Languages - Japanese

Course:		ADVANCED PLACEMENT JAPANESE LANGUAGE					
Course Description:	The Advanced Placement Japanese Language course is the equivalent of a third-year college course in advanced Japanese composition and conversation. It encompasses aural/oral skills, reading comprehension, grammar and composition. The course will emphasize the use of Japanese for active communication and has the following objectives: 1) the ability to comprehend formal and informal spoken and written Japanese; 2) the acquisition of vocabulary and a grasp of language structure to allow the comprehension of a variety of written source materials; 3) the ability to compose expository passages; and 4) the ability to express ideas orally with accuracy and fluency. This course prepares students for the Japanese Language Advanced Placement Exam as well as other college/university placement exams.						
Course Number:	5444	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Japanese III Honors						
Special Notes:							
Course:		JAPANESE I					
Course Description:	Japanese I is the first course of a recommended three-year sequence designed to develop fundamental language across the interpretive, interpersonal, and presentational modes of communication. The culture and civilization of the Japanese-speaking world is integrated into all aspects of the course. Student will develop confidence in using spoken Japanese to describe familiar topics such as family, hobbies, and school life. By the end of the first year of world language study, students should be able to understand and communicate in the target language at a novice mid to novice high level. Novice mid speakers are able to use memorized phrases and lists of words. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics.						
Course Number:	5413	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:							
Course:		JAPANESE II					
Course Description:	Japanese II is a continuation of the development of the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the Japanese-speaking world. By the end of the second year of world language, students should be able to understand and communicate in the target language at a novice high to intermediate low level. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics. Intermediate low speakers are able to begin creating original sentences with the language.						
Course Number:	5423	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Japanese I						
Special Notes:							
Course:		JAPANESE II HONORS					
Course Description:	Japanese II Honors is an expansion of the Japanese II curriculum and challenges students to develop a higher level of proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the Japanese-speaking world. By the end of the second year of Honors world language, students should be able to understand and communicate in the target language at an intermediate low level. Intermediate low speakers are able to begin creating original sentences with the language.						
Course Number:	5424	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Japanese I						
Special Notes:							
Course:		JAPANESE III HONORS					
Course Description:	The Japanese III Honors course continues to strengthen proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the Japanese-speaking world through reading, listening, and viewing of authentic materials. By the end of the third year of Honors world language, students should be able to understand and communicate in the target language at an intermediate mid-level. Intermediate mid speakers can easily combine original sentences into complete thoughts and ideas.						
Course Number:	5434	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Japanese II or II Honors						
Special Notes:							

World Languages - Latin

Course:		ADVANCED PLACEMENT LATIN					
Course Description:	Latin Advanced Placement focuses on the reading and study of the Aeneid by Vergil and De Bello Gallico by Caesar. Students will be expected to develop the skills necessary to translate accurately from passages of Vergil and Caesar and to demonstrate knowledge of the grammatical structures and vocabulary. Students will also be required to analyze passages from the epic demonstrating and understanding of Vergil's literary techniques and use of meter, as well as Caesar's literary technique in writing comentarii. The study of cultural, social and political context of the works is an integral part of this course.						
Course Number:	5252	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Latin III Honors or IV Honors						
Special Notes:							
Course:		LATIN - WORD POWER					
Course Description:	This is a word power course designed to improve the student's vocabulary through the study of English prefixes, roots, and suffixes derived from Latin. The course helps to prepare students for college entrance examinations and college-level reading as well as familiarizing them with the terminologies for law, medicine and science. This course may be taken for elective credit.						
Course Number:	5255	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Counselor Approval						
Special Notes:							
Course:		LATIN I					
Course Description:	Latin I is the first course of a recommended three-year sequence designed to develop fundamental language across the interpretive, interpersonal, and presentational modes of communication. Vocabulary and grammar are studied in the context of reading passages into which cultural information has been carefully integrated. While the primary emphasis of Latin is on reading, students will learn how to pronounce Latin correctly in order to read passages and answer question about passages. By the end of the first year of world language study, students should be able to understand and communicate in the target language at a novice mid to novice high level. Novice mid speakers are able to use memorized phrases and lists of words. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics.						
Course Number:	5213	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:							
Course:		LATIN II					
Course Description:	Latin II is a continuation of the development of the three modes of communication. Students will continue to learn vocabulary and grammatical structures to support comprehension of more complicated passages. Oral Latin is a skill used to help students understand reading selections. Cultural and world studies continue to be an integral part of the course. By the end of the second year of world language, students should be able to understand and communicate in the target language at a novice high to intermediate low level. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics. Intermediate low speakers are able to begin creating original sentences with the language.						
Course Number:	5223	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Latin I						
Special Notes:							
Course:		LATIN II HONORS					
Course Description:	Latin II Honors is an expansion of the Latin II curriculum and challenges students to develop a higher level of proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures to support comprehension of more complicated passages. Oral Latin is a skill used to help students understand reading selections. Cultural and world studies continue to be an integral part of the course. By the end of the second year of Honors world language, students should be able to understand and communicate in the target language at an intermediate low level. Intermediate low speakers are able to begin creating original sentences with the language.						
Course Number:	5224	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Latin I						
Special Notes:							
Course:		LATIN III HONORS					
Course Description:	The Latin III Honors course continues to strengthen proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures to support comprehension of more complicated passages. Oral Latin is a skill used to help students understand reading selections. Cultural and world studies continue to be an integral part of the course. By the end of the third year of Honors world language, students should be able to understand and communicate in the target language at an intermediate mid-level. Intermediate mid speakers can easily combine original sentences into complete thoughts and ideas.						
Course Number:	5234	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Latin II or II Honors						
Special Notes:							

Course:	LATIN IV HONORS					
Course Description:	Latin IV Honors focuses on the reading and study of selections of Latin literature. Students will become familiar with Latin literary conventions and the individual styles of the authors studied. The study of Roman culture continues to develop from the readings.					
Course Number:	5244	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	Latin III Honors					
Special Notes:						
Course:	LATIN V HONORS					
Course Description:	The fifth year of Latin is an independent study course designed to continue the reading, writing, analysis and criticism of selected works in Latin. The skills of reading and writing with fluency and accuracy are highly developed. This course should prepare students for advanced level study at the college/university level.					
Course Number:	5254	Credits:	1.0	Term:	Full year	Grade Placement: 11-12
Prerequisites:	Latin IV Honors or AP Latin					
Special Notes:						

World Languages - Spanish

Course:	ADVANCED PLACEMENT SPANISH LANGUAGE					
Course Description:	Advanced Placement Spanish Language covers the equivalent of a third-year college course in advanced Spanish composition and conversation. It encompasses aural/oral skills, reading comprehension, grammar and composition. The course will emphasize the use of Spanish for active communication and has the following objectives: (1) the ability to comprehend formal and informal spoken Spanish; (2) the acquisition of vocabulary and a grasp of structure to allow the easy accurate reading of newspaper and magazine articles as well as modern literature in Spanish; (3) the ability to compose expository passages; (4) the ability to express ideas orally with accuracy and fluency. This course prepares students to take the College Board Spanish Language Advanced Placement Exam as well as other college/university placement exams.					
Course Number:	5345	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	Spanish III or higher					
Special Notes:						
Course:	ADVANCED PLACEMENT SPANISH LITERATURE					
Course Description:	The AP Spanish Literature course prepares students to take the Advanced Placement Spanish Literature Exam. The students read and analyze the works of specified authors orally and in writing. A high degree of fluency in Spanish is necessary for success in this course.					
Course Number:	5346	Credits:	1.0	Term:	Full Year	Grade Placement: 11 - 12
Prerequisites:	AP Spanish Language or Spanish V Honors					
Special Notes:						
Course:	SPANISH I					
Course Description:	Spanish I is the first course of a recommended three-year sequence designed to develop fundamental language across the interpretive, interpersonal, and presentational modes of communication. The culture and civilization of the Spanish-speaking world is integrated into all aspects of the course. Student will develop confidence in using spoken Spanish to describe familiar topics such as family, hobbies, and school life. By the end of the first year of world language study, students should be able to understand and communicate in the target language at a novice mid to novice high level. Novice mid speakers are able to use memorized phrases and lists of words. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics.					
Course Number:	5313	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	None					
Special Notes:						
Course:	SPANISH II					
Course Description:	Spanish II is a continuation of the development of the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the Spanish-speaking world. By the end of the second year of world language, students should be able to understand and communicate in the target language at a novice high to intermediate low level. Novice high speakers are able to use simple sentences and ask/answer questions about familiar topics. Intermediate low speakers are able to begin creating original sentences with the language.					
Course Number:	5323	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Spanish I					
Special Notes:						
Course:	SPANISH II NATIVE HONORS					
Course Description:	This course is designed for students who already have an ability to understand and speak Spanish. The emphasis of the instruction will be to expand the students' existing oral proficiency and to develop the skills of reading and writing Spanish so that they can communicate more successfully in social and business situations.					
Course Number:	5315	Credits:	2.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Teacher Recommendation and Placement Exam Score					
Special Notes:	Upon the completion of this course, students will receive credit for Spanish I and II.					
Course:	SPANISH II HONORS					
Course Description:	Spanish II Honors is an expansion of the Spanish II curriculum and challenges students to develop a higher level of proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the Spanish-speaking world. By the end of the second year of Honors world language, students should be able to understand and communicate in the target language at an intermediate low level. Intermediate low speakers are able to begin creating original sentences with the language.					
Course Number:	5324	Credits:	1.0	Term:	Full Year	Grade Placement: 9 - 12
Prerequisites:	Spanish I					
Special Notes:						

Course:		SPANISH III NATIVE HONORS						
Course Description:		This course is designed for students who have successfully completed Spanish for Spanish Speakers. The emphasis will be to expand further the students' oral proficiency and to continue the development of skills in reading and writing through the use of contemporary literature.						
Course Number:		5332	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		Spanish II Native Honors						
Special Notes:		Students who successfully complete this course will have credit for Spanish I, II and III and may continue to improve their command of the language in Spanish IV Honors or Spanish AP.						
Course:		SPANISH III HONORS						
Course Description:		The Spanish III Honors course continues to strengthen proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics of interest necessary to communicate in everyday, realistic situations. Students will also expand their knowledge and appreciation of the culture and civilization of the Spanish-speaking world through reading, listening, and viewing of authentic materials. By the end of the third year of Honors world language, students should be able to understand and communicate in the target language at an intermediate mid-level. Intermediate mid speakers can easily combine original sentences into complete thoughts and ideas.						
Course Number:		5334	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Spanish II or II Honors						
Special Notes:								
Course:		SPANISH IV HONORS						
Course Description:		The Spanish IV Honors course continues to strengthen proficiency in the three modes of communication. Students will continue to learn vocabulary and grammatical structures on familiar topics necessary to communicate in everyday situations. Students will continue to expand their knowledge and appreciation of the culture and civilization of the Spanish-speaking world through reading, listening, and viewing of authentic materials. By the end of the fourth year of world language, students should be able to understand and communicate in the target language at an intermediate mid-level. Intermediate mid speakers can easily combine original sentences into complete thoughts and ideas.						
Course Number:		5344	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:		Spanish III or III Honors						
Special Notes:								
Course:		SPANISH V HONORS						
Course Description:		The Spanish V H course is a college preparatory course that provides an additional year to refine the language and literary analysis skills needed for the AP Spanish Literature course. Students are expected to have and Intermediate High proficiency level in all three modes of communication.						
Course Number:		5354	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:		AP Spanish Language, Spanish IV, or Spanish IV Honors						
Special Notes:								
Course:		SPANISH VI HONORS						
Course Description:		The sixth year of Spanish is an independent study course designed to continue the reading, writing, and analysis of literary works and other sources in Spanish. The skills of listening and speaking with fluency and accuracy are highly developed. This course should prepare students for advanced level study at the college/university level.						
Course Number:		5364	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:		Spanish V Honors						
Special Notes:								
Course:		SPANISH VII HONORS						
Course Description:		The Spanish VII Honors course is an independent study course designed to continue reading, writing, and analysis of literary works and other sources in Spanish. Students are expected to move throughout the modes of communication with fluency and accuracy. This course should prepare students for advanced level study at the college/university level.						
Course Number:		5374	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:		AP Spanish Literature						
Special Notes:								

