



**Legacy of Educational  
Excellence HS**



**Douglas  
MacArthur HS**



**Winston  
Churchill HS**



**International School  
of the Americas**

# **NORTH EAST ISD**



# **HIGH SCHOOL COURSE CATALOG 2021 – 2022**

**Theodore  
Roosevelt HS**



**James  
Madison HS**



**Ronald  
Reagan HS**



**Claudia Taylor  
Johnson HS**



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# INTRODUCTION

## TO THE STUDENTS

**Students:** This Course Catalog is provided to help you select the courses you will take in the 2021-2022 school year. The basic requirements for your high school education include certain required subjects and elective courses that balance your graduation program and complement your cultural interests and college/career/post-high school plans. Passing end-of-course (EOC) exams are required for graduation. EOC courses must be taken as a first priority. Since NEISD offers many course options, you are encouraged to maximize your academic potential by enrolling in rigorous and challenging courses to best prepare you for graduation and post-high school endeavors.

## TO THE PARENTS/GUARDIANS (future references to parents in this document include guardians)

**Parents:** You have an important role in helping your student make decisions regarding high school course selections. You are urged to familiarize yourself with this Course Catalog so that you can help make important decisions. If you have any questions, please contact teachers, counselors, or administrators at the school who will be available to discuss specific concerns with you.

Please note the Texas Education Agency (TEA) may provide updates to rules and regulations regarding course requirements of state-approved courses. As future rule changes may impact the content in this catalog, course requirements and/or recommendations are subject to change. Please seek guidance from your counselor should you have any questions regarding the most current course requirements.

## IMPORTANT INFORMATION

### REGISTRATION

The development of a student's class schedule is a serious and time-consuming process. **Once a class schedule is formulated, the student is expected to follow that schedule.** Parents are encouraged to become involved in the registration process of their students. Students are also reminded that the master schedule is built, faculty and staff are hired, and room assignments are made based on student choices. **Schedules should NOT be changed after courses have been selected and entered into the computer.** Alternate courses listed should be carefully selected as they may be used if a scheduling conflict occurs. **Athletes should carefully consider their course options as NCAA has requirements for academic credit that may impact college participation and scholarships.**

## SCHEDULE CHANGES AND DROPPING COURSES

### SCHEDULE CHANGES

Students and parents are able to view courses selected for the following school year in the Skyward Family/Student Access. If a course change is necessary, the request should be submitted in writing, including the reasons for the change, and must include a parent's signature. Course change requests must be submitted by the **last day of school to the Counseling Office at your high school campus.**

Changes may NOT be considered after the last day of school unless a student fails a summer school class or attends summer school/summer credit recovery and gains credit for a course selected for the current school year. In addition, EOC exam remediation and success on summer retests will be considered.

### DROPPING COURSES

**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.**

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.

## **SPECIAL REQUIREMENTS**

Since most students are following a college-preparatory plan, they should consult requirements of specific colleges before making course selections and/or dropping Dual Credit courses, paying particular attention to foreign language, science and mathematics requirements. Colleges that have large numbers of applicants will often use rigorous course schedules as selection criteria even if their catalog states a lesser minimum requirement.

## **HONORS AND ADVANCED PLACEMENT COURSES**

### **HONORS COURSES**

#### **PLEASE SEE COURSE DESCRIPTION FOR GRADE PLACEMENT**

**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 to all students in grades 9-12 using an open enrollment policy. These courses offer an enrichment of the regular curriculum taught through a variety of strategies. These courses are intended to prepare students for Advanced Placement courses (explained below). While Honors courses are rigorous, they are not college-level courses. Only courses that lead to an Advanced Placement (AP) course may be termed Honors.

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. Please refer to your campus webpage for the updated summer reading assignment after May 1.

### **ADVANCED PLACEMENT (AP) COURSES**

#### **PLEASE SEE COURSE DESCRIPTION FOR GRADE PLACEMENT**

**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 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 courses as they wish.

**Students in the first- and second-year cohorts, who are typically freshmen and sophomores by grade level, may only receive a total of three credits from AP courses cumulatively for that two-year period. If a student is classified as a junior or senior at grade level but belongs to the first- or second-year cohort, the student is still subject to the three-credit maximum applicable to students in the first and second year cohorts.**

These courses are extremely rigorous as they are college-level courses which follow a college curriculum approved by the College Board. Students taking these courses are encouraged to take the AP exams offered in the spring. These exams have additional fees paid by the students. Students scoring a 3, 4, or 5 on an AP exam may be awarded college credit. Students should research colleges/universities regarding their specific policy for awarding credit for AP scores.

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. Please refer to your campus webpage for the updated summer reading assignment after May 1.

## **AP EXAM REGISTRATION PROCESS**

AP teachers and students will complete a short digital activation process at the start of the year. Once signed up, teachers and students will have access to the new classroom resources, an online question bank, unit guides, personal progress checks, and a performance dashboard. The AP exam ordering process will be completed in the fall. If a student misses the deadline or cancels after the deadline, a late registration fee will be assessed to the student. The intent of the implementation of this new AP registration process by the College Board is to offer additional academic support for all students in AP courses.

<https://apcentral.collegeboard.org/about-ap-20-21>

## **ADVANCED LEVEL, ADVANCED STUDIES AND HONORS COURSES PLEASE SEE COURSE DESCRIPTION FOR GRADE PLACEMENT**

**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.**

These classes are not deemed as Honors or AP courses because the courses are not tested by the College Board. The curriculum is rigorous and should be treated similarly to Honors or AP courses. These courses may receive weighted credit equivalent to Honors courses. Students who choose to enroll in one or more of these courses must complete an NEISD ADVANCED LEVEL COURSE AGREEMENT and submit the completed form as directed by the campus.

## STUDENT EXPECTATIONS FOR ADVANCED LEVEL COURSES

Advanced Level/Gifted & Talented/Honors/Advanced Placement (AP) courses challenge and enrich motivated students to expand their education beyond the typical high school program. Honors coursework develops advanced skills and content background to prepare students for college-level work in AP courses and on the Advanced Placement exams. Gifted & Talented Programs (G/T) **require special admission** and also incorporate the Honors/AP strategies and curriculum. Advanced level courses such as upper-level languages, Anatomy and Physiology, etc., while not specifically labeled AP, offer rigorous curricula that prepare students for college. Success requires the student's commitment to the expectations of the Advanced Level Course program(s).

**Students will be expected to:**

❖ Analyze, synthesize and manipulate knowledge and skills; think critically	❖ Engage in technology-assisted research and/or communications; increase advanced content area vocabulary; build portfolios if applicable
❖ Budget time effectively and efficiently; develop successful study skills	❖ Utilize community and industry as resources in research projects if applicable
❖ Commit to a daily academic action plan; attend tutoring regularly if needed. Come to school early and/or stay late in order to attend tutoring	❖ Sign the agreement supporting the Advanced/GT/Honors/AP programs and expectations.

**PLACEMENT REVIEW:** The teacher may recommend that a student be changed into an on-level class if that student is encountering great difficulty with the rigorous course content. The teacher will expect a positive attitude about scholarship and assignments. Any recommended level change would take place within the first nine calendar weeks or at the end of the first semester. A parent-teacher-counselor communication is required prior to withdrawal from the course. Students must also have attended tutoring with the teacher on a regular basis.

**HONOR CODE:** All students will be expected to do their own work and exhibit academic honesty.

**TEST PARTICIPATION:** Students are strongly encouraged to take the AP exams at the end of the year for all enrolled AP courses. The district may provide a reduced fee for these tests when funding is available. It is critical that students consult their individual college choices for acceptance of AP credit.

**SUCCESS REQUIRES SUPPORT FROM ALL STAKEHOLDERS: STUDENTS, PARENTS AND TEACHERS.**

**STUDENT:** I agree to organize my time and effort to successfully complete the rigorous work in the course(s). I have read the course description(s) and agree to the college preparatory or college-level requirements of the class(es). I understand that I may need to regularly attend before and/or after school tutoring.

**PARENT(S):** I understand the rigorous course requirements and agree to help my son/daughter organize study time in support of class assignments and requirements. I will notify the teacher immediately of any concern I have relating to the Advanced/GT/Honors/AP class(es). I understand that my son/daughter may need to regularly attend tutoring.

**TEACHER(S):** The teacher will conduct the course(s) at a college preparatory pace appropriate to the grade level or at a college level for AP courses as approved by the College Board and NEISD curricula. Students and parents will be notified in a timely fashion if student work and/or assessments are unsatisfactory. The teacher will be available for tutoring.

The student may enroll in any Honors, Advanced Level, or AP course(s) provided the student and parent agree to the commitment on the NEISD ADVANCED LEVEL COURSE AGREEMENT. G/T courses require a special admission process, but still require signatures on this form. Students are encouraged to take as many rigorous courses as are appropriate. Please consider carefully the time and academic requirements for both academic and extracurricular commitments.

**In order to continue in an Advanced Level Course, students and parents must sign the following NEISD ADVANCED LEVEL COURSE AGREEMENT and return the signed agreement to the teacher.**

# NEISD ADVANCED LEVEL COURSE AGREEMENT

**Student's Name (print):** \_\_\_\_\_

**Course:** \_\_\_\_\_

## STUDENT COMMITMENT:

I have read the Student Expectations for Advanced Level Courses in the NEISD Course Catalog, and I am aware of the time and effort required for this advanced level course. I understand and agree to the following conditions for taking an advanced level course:

- A. I agree to organize my time and effort to successfully complete the rigorous work in the course. I have read the course description and agree to the college preparatory or college-level requirements of the class. I understand that I may need to regularly attend before and/or after school tutoring.
- B. My parents and I have discussed and understand the rigorous course requirements. They have agreed to help me organize my study time in support of my class assignments and out-of-school requirements. We will notify the teacher immediately of any concern they have relating to my advanced level class. We understand that an advanced level course will require a significant amount of time and effort, and that I may need to regularly attend tutoring.
- C. I understand that my teacher will conduct the course at a college preparatory pace appropriate to the grade level or at a college-level for an AP course as approved by the College Board and NEISD curricula. I understand that I can monitor my daily progress through the Student Portal, and my parents can monitor my progress through the Parent Portal. My teacher will be available for tutoring.
- D. I understand that my teacher and/or parent may request that I be placed into an on-level class if I am encountering great difficulty with the rigorous course content. Any recommended move would take place within the first nine calendar weeks or at the end of the first semester. If I need to withdraw from the course, a parent-teacher-counselor communication is required prior to withdrawal. I must also have attended tutoring with my teacher on a regular basis.
- E. I will be expected to do my own work and exhibit academic honesty.
- F. I am strongly encouraged to take the AP exam at the end of year for all enrolled AP courses. I understand that I will be assessed a fee for each AP exam I choose to take. It is critical that I research my specific college/university requirements for what tests and scores they accept for AP credit.
- G. I agree to commit to the advanced level course listed at the top of this agreement, and I agree to the conditions on this form. I understand I am encouraged to take as many rigorous courses as are appropriate. I have carefully considered the time and academic requirements for both academic and extracurricular commitments before I sign this agreement.

My signature on this NEISD ADVANCED LEVEL COURSE AGREEMENT serves as my commitment to follow the conditions outlined above:

**Student's Signature:** \_\_\_\_\_

I approve and agree to support my child taking this advanced level course:

**Parent's/Guardian's Signature:** \_\_\_\_\_

**Date Returned to Teacher:** \_\_\_\_\_

## DUAL CREDIT COURSES

Dual Credit courses allow students to earn college credit while in high school. These courses fulfill high school course requirements, appear on the high school transcript, and are used in calculating grade point averages. These courses are taught by NEISD teachers through the Alamo Colleges, usually through San Antonio College (SAC), St. Philip's College, and Palo Alto College. Potential Dual Credit courses cover all high school TEKS as well as the Student Learning Outcomes (SLOs) for the accompanying two-year college courses. Some AP courses are also Dual Credit, allowing the students to pursue both options for college credit. Campus course offerings at each grade level are contingent upon adjunct professor approval of the participating college. The college credit is awarded through the Alamo Colleges, not through NEISD; therefore, after graduation, **the STUDENT 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) awarded. It is the student's responsibility to contact any other higher education institution regarding acceptance of these credits.

Students must:

- Obtain the ApplyTexas and the appropriate Dual Credit Handbooks from the Counseling Office
- Apply to appropriate college(s) in the Alamo Colleges system by the deadline
- Take a qualifying exam (TSI, PSAT/NMSQT, SAT, or ACT) and submit scores, and
- Submit the required documents by the deadline date

For a list of college Dual Credit opportunities, please see your high school counselor. Approval of the courses offered in 2021-2022 school year is contingent upon adjunct professor approval of the participating college. Final approval must come from the Alamo Colleges system; courses are not finalized until the beginning of the school year. Not all Dual Credit courses are taught at every campus because specific criteria must be met by the faculty teaching the courses. NEISD reserves the right to cancel at any time a potential dual credit course for any reason (adjunct faculty availability, lack of an agreement with college, curriculum alignment, etc.).

## DUAL ENROLLMENT COURSES

Dual Enrollment through UT OnRamps allows students to earn college credit while in high school and is different than Dual Credit. The North East ISD partners with The University of Texas at Austin to offer OnRamps, an innovative Dual Enrollment program created by UT Austin. Students will have the opportunity to earn college credit from a UT faculty member and high school credit from their high school teacher. OnRamps courses will transfer to any public college or university. Dual Enrollment courses will be offered in 2021-2022 at every campus where teachers meet specific criteria. Please refer to the course selection card for the OnRamps courses offered at your campus or see your high school counselor for additional details.

The major differences between Dual Enrollment and Dual Credit are:

- Students do not have testing requirements for admission to the Dual Enrollment courses; Dual Credit students have testing requirements.
- The OnRamps Dual Enrollment Program allows high school students to experience college academic rigor by taking actual college exams created by a UT professor.
- Dual Enrollment students receive two grades: one from the high school teacher, and one from the UT professor; Dual Credit students receive the same grade earned in high school on their college transcripts.
- Dual Enrollment students may *choose* to have the college grade transcribed on their UT transcripts; Dual Credit students' grades *will* be recorded on Alamo Colleges transcripts.

North East ISD reserves the right to cancel OnRamps courses based on Texas legislature funding.

# Promotion Standards for Students Entering 9<sup>th</sup> Grade

## Based on 26 credits required for graduation

Classification	Credits	Minimum Credit Requirements
Freshman	0 – 5.5	
Sophomore	6.0 – 11.5	
Junior	12.0 – 18.5	
Senior	19	Or the student is able to enroll in all courses needed to graduate at the end of the current school year.

### NEISD RANK IN CLASS POLICY

**The following policy is in effect for students who have entered high school the fall of 2020 and previous years. For those entering high school in 2021 and beyond, see next page.**

#### RANK IN CLASS

- 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
<b>Advanced Placement (AP) and Dual Credit AP</b>	<b>1.29</b>
<b>Honors, PreAP, GT non-AP, and Dual Credit non-AP</b>	<b>1.15</b>
<b>Regular</b>	<b>1.00</b>

- 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 1.15 and/or 1.29.

- Students are ranked with the group of students with whom they entered grade nine, called their cohort. Preliminary unofficial class standing reports will be issued to students following the second and fourth semesters of high school. 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.
- Students are designated within a range of their cohort as follows: top five percent, top ten percent, top fifteen percent, top twenty percent, first quarter, second quarter, third quarter and fourth quarter. The position of each student is reported as “number (\_\_\_) out of (\_\_\_) students” in their cohort.
- 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 credit	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:

Honor Graduate Designations	Cumulative Grade Average
<b>Summa Cum Laude</b>	<b>100+</b>
<b>Magna Cum Laude</b>	<b>95-99</b>
<b>Cum Laude</b>	<b>90-94</b>

**The following policy is in effect for students who enter high school the fall of 2021 and beyond.**

**RANK IN CLASS**

- Courses required 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, Pre-Advanced Placement, Honors, and Regular coursework.

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

- 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 credit	through credit by exam
in middle school	for which no credit is available	second semester of the final year
during summer foreign study		

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<b>Summa Cum Laude</b>	<b>100+</b>
<b>Magna Cum Laude</b>	<b>95-99</b>
<b>Cum Laude</b>	<b>90-94</b>



## English Language Arts Transitions Eligible Pathways

The English Language Arts (ELA) Transitions course satisfies the 4<sup>th</sup> year of English for the Foundation High School Program (22 credits). Additionally, the ELA Transitions course counts as an Advanced English credit for all Endorsement Pathways with the **exception** of the following:

**STEM Endorsement: ELA Transitions eligible for ALL pathways EXCEPT:**  
Computer Science

**Business & Industry Endorsement: ELA Transitions eligible for ALL pathways EXCEPT:**  
English Electives

**Arts & Humanity Endorsement: ELA Transitions eligible for ALL pathways EXCEPT:**  
English Electives

**Multidisciplinary Studies Endorsement: ELA Transitions eligible for ALL pathways EXCEPT:**  
Four credits in each foundation subject area (4 x 4)  
Four credits in AP, IB, DC, LOTE, Fine Arts

**Public Service Endorsement: ELA Transitions eligible for ALL pathways**



## HS Math Courses with State and District Prerequisites

January 2017

*Mathematics consists of different topic strands that are interconnected and involve ideas accumulated over time to build a deeper level of understanding. The pathway of courses students take should lead them to increased depths of knowledge about the topics as they see ideas build and connect with others. The intent of the state requiring four credits of math for graduation is to encourage students to remain in math each year of their high school career, advancing to a more rigorous level of math study at each level. The state provides some guidance on course prerequisites but encourages the district to offer a more focused road map for students. Students are strongly encouraged to follow the NEISD recommended prerequisites to ensure their studies are connected with previous levels and provide appropriate focus at successive levels to meet the rigor level of the standards for each course, and ultimately end-of-course, exit level, and college readiness examinations.*

HS Math Course Name	State Articulated Prerequisites		NEISD Recommended Prerequisites
	Recommended Prerequisite	Prerequisite	
Algebra I		8 <sup>th</sup> Grade math	Successful completion of K – 8 math standards
Geometry		Algebra I	Algebra I
Algebra II		Algebra I	Algebra I, Geometry
PreCalculus		Algebra I, Geometry, Algebra II	Algebra I, Geometry, Algebra II
Math Models with Applications		Algebra I	Algebra I
Advanced Quantitative Reasoning		Geometry & Algebra II	Algebra I, Geometry, Algebra II
Independent Study in Math		Geometry & Algebra II	Independent Study- Differential Equations  PreCalculus & Teacher Recommendation
			Independent Study – History of Math & Number Theory  Algebra II & Teacher Recommendation
Statistics		Algebra I	Algebra I
AP Statistics	Geometry & Algebra II		Geometry & Algebra II
AP Calculus AB	PreCalculus		PreCalculus
AP Calculus BC	PreCalculus		PreCalculus
College Algebra	Algebra II		Algebra II
Math Apps in Agriculture, Food & Natural Resources	A minimum of 1 credit from the courses in the Agriculture, Food, and Natural Resources cluster		A minimum of 1 credit from the courses in the Agriculture, Food, and Natural Resources cluster
Engineering Mathematics		Algebra II	Algebra II
Statistics and Risk Management	Accounting I, Algebra II		Accounting I, Algebra II
AP Computer Science A	Accounting I, Algebra II		Computer Science Honors
Math Transitions		Algebra I, Geometry, Advanced Math Credit	Algebra I, Geometry, Advanced Math Credit



North East ISD
Mathematics Course Agreement without Recommended Prerequisites

Mathematics consists of different topic strands that are interconnected and involve ideas accumulated over time to build a deeper level of understanding. The pathway of courses students take should lead them to increased depths of knowledge about the topics as they see ideas build and connect with others. The intent of the state requiring four credits of math for graduation is to encourage students to remain in math each year of their high school career, advancing to a more rigorous level of math study at each level. The state provides some guidance on course prerequisites but encourages the district to offer a more focused road map for students. Students are strongly encouraged to follow the NEISD recommended prerequisites to ensure their studies are connected with previous levels and provide appropriate focus at successive levels to meet the rigor level of the standards for each course, and ultimately end-of-course and college readiness examinations.

If a student elects to follow a math course sequence outside of the NEISD recommended prerequisite pathway for math, a parent/teacher/counselor/student communication is required prior to enrollment in the course. In addition, this agreement form needs to be signed by both student and parent.

SUCCESS REQUIRES SUPPORT AND COMMITMENT FROM ALL STAKEHOLDERS: STUDENTS, PARENTS AND TEACHERS.

STUDENT: I agree to organize my time and effort to successfully complete the math course(s) being selected. I have read the course description(s) and agree to the requirements of the class(es). I understand that I may need to regularly attend before and/or after school tutoring.

PARENT(S): I understand the course requirements and agree to help my son/daughter organize study time in support of class assignments and requirements. I will notify the teacher immediately of any concern I have relating to the selected math course(s). I understand that my son/daughter may need to regularly attend tutoring.

TEACHER(S): The teacher will conduct the course(s) appropriate to the TEKS from the state and NEISD curriculum. Students and parents will be notified in a timely fashion if student work and/or assessments are unsatisfactory. The teacher will be available for tutoring. The course(s) listed below are ones to which the student and parent agree to commit. The student and parent(s) agree to the commitment on this form. Students are encouraged to take courses appropriate for their graduation plan. Please consider carefully the time and academic requirements.

I understand the NEISD recommended prerequisite pathway for math.

The course(s) selected outside of the pathway is/are: \_\_\_\_\_

Student signature

Date

Parent/Guardian signature

Date

# NEISD Mathematics Course Sequence Pathways

Foundation Graduation Plan		
Credit 1	Credit 2	Credit 3
Algebra I	Geometry	<b>Advanced Mathematics Course:</b> Algebra II* or Mathematical Models with Application or Statistics or Algebraic Reasoning

Foundation Graduation Plan with Endorsements					
NEISD Suggested Sequencing					
Endorsement	Credit 1	Credit 2	Credit 3	Credit 4	Credit 5
STEM	Algebra I	Geometry	Algebra II*	PreCalculus or AP Statistics or College Algebra	PreCalculus or AP Statistics or AP Calculus AB/BC or Independent Study of Mathematics
Arts and Humanities			Algebra II* or Mathematical Models with Application or Statistics or Algebraic Reasoning	Algebra II* or Math Transitions or Statistics or Advanced Quantitative Reasoning or College Algebra or PreCalculus or AP Statistics	
Business and Industry					
Multidisciplinary Studies					
Public Services					

\* Algebra II credit is required for Distinguished Level of Achievement.

## NEISD Students Entering 9<sup>th</sup> Grade in the 2014-15 School Year & Thereafter

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.

<b>Courses</b>	<b>Foundation High School Program</b>	<b>Foundation High School Program with Endorsements</b>	<b>Foundation High School Program with Distinguished Level of Achievement (requires completion of at least one Endorsement)</b>
English Language Arts	4 credits	4 credits *	4 credits *
Mathematics	3 credits	4 credits *	4 credits * (Algebra II required)
Science	3 credits	4 credits *	4 credits *
Social Studies	3 credits	3 credits *	3 credits *
Languages other than English	2 credits	2 credits *	2 credits *
Physical Education	1 credit	1 credit	1 credit
Health Education	.5 credit	.5 credit	.5 credit
Fine Arts	1 credit	1 credit *	1 credit *
Electives	4.5 credits	6.5 credits	6.5 credits
<b>Total</b>	<b>22</b>	<b>26</b>	<b>26</b>

\*Students will choose one of five endorsement options: Multidisciplinary Studies, STEM, Business and Industry, Public Services, or Arts and Humanities. Each endorsement requires specific courses. Additional credits may be required depending upon the specific endorsement you choose. Please see your counselor for more details. Students may also earn a Performance Acknowledgement through Dual Credit, Bilingualism/Biliteracy, Languages Other Than English, Advanced Placement, PSAT/SAT/ACT, or a Business Certification or License.

*Updated 2/27/14*

# NEISD Students Entering 9<sup>th</sup> Grade in the 2014-2015 School Year & Thereafter

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.

Courses	Foundation High School Program	Foundation High School Program with Endorsement	Foundation High School Program with Distinguished Level of Achievement (requires completion of at least one Endorsement)
English Language Arts	Four credits are required. English I, II, III, and an Advanced English Course are required. Immigrant students with limited English proficiency may substitute English I SOL and English II SOL for English I and II only.	Four credits are required. English I, II, III, and an Advanced English Course are required. Immigrant students with limited English proficiency may substitute English I SOL and English II SOL for English I and II only. *	Four credits are required. English I, II, III, and an Advanced English Course are required. Immigrant students with limited English proficiency may substitute English I SOL and English II SOL for English I and II only. *
Mathematics	Three credits are required. Algebra I and Geometry are required courses. The remaining credit is an Advanced Math course.	Four credits are required. Algebra I and Geometry are required courses. The remaining two credits must be Advanced Math courses. *	Four credits are required. Algebra I, Geometry, and Algebra II are required courses. The remaining credit must be an Advanced Math course. *
Science	Three credits are required. One credit must be Biology. One credit must be either IPC, Chemistry, or Physics. One credit must be an Advanced Science course.	Four credits are required. One credit must be Biology. One credit must be either IPC, Chemistry, or Physics. The remaining two credits must be Advanced Science courses. *	Four credits are required. One credit must be Biology. One credit must be either IPC, Chemistry, or Physics. The remaining two credits must be Advanced Science courses. *
Social Studies	Three credits are required. World Geography or World History is required. U.S. History, U.S. Government, and Economics (free enterprise) are required.	Three credits are required. World Geography or World History is required. U.S. History, U.S. Government, and Economics (free enterprise) are required. *	Three credits are required. World Geography or World History is required. U.S. History, U.S. Government, and Economics (free enterprise) are required. *
Languages other than English	Two credits of the same language. Some exceptions exist—see your counselor for more information.	Two credits of the same language. Some exceptions exist— see your counselor for more information. *	Two credits of the same language. Some exceptions exist— see your counselor for more information. *
Physical Education	One credit is required. This credit may be earned through PE or an approved PE substitution.	One credit is required. This credit may be earned through PE or an approved PE substitution.	One credit is required. This credit may be earned through PE or an approved PE substitution.
Health Education	One-half credit is required.	One-half credit is required.	One-half credit is required.
Fine Arts	One credit is required and may be selected from courses in the areas of Art, Dance, Music, Theatre, Floral Design, Digital Art and Animation, and 3-D Modeling and Animation.	One credit is required and may be selected from courses in the areas of Art, Dance, Music, Theatre, Floral Design, Digital Art and Animation, and 3-D Modeling and Animation. *	One credit is required and may be selected from courses in the areas of Art, Dance, Music, Theatre, Floral Design, Digital Art and Animation, and 3-D Modeling and Animation. *
Electives	Four and one-half credits are required.	Six and one-half credits are required.	Six and one-half credits are required.

\*Students will choose one of five endorsement options: Multidisciplinary Studies, STEM, Business and Industry, Public Services, or Arts and Humanities. Each endorsement requires specific courses. Additional credits may be required depending upon the specific endorsement you choose. Please see your counselor for more details. Students may also earn a Performance Acknowledgement through Dual Credit, Bilingualism/Biliteracy, Languages Other Than English, Advanced Placement, PSAT/SAT/ACT, or a Business Certification or License.

*Updated 2/27/14*

NAME: \_\_\_\_\_  
 (Print) Last First MI Student ID # Year Entered HS Current Grade

NORTH EAST ISD \_\_\_\_\_ HIGH SCHOOL FOUR YEAR PLAN for Students Entering 9th Grade in 2014 and beyond  
 FOUNDATION HIGH SCHOOL PROGRAM WITH ENDORSEMENTS AND DISTINGUISHED LEVEL OF ACHIEVEMENT

Endorsement/Program of Study: \_\_\_\_\_  
 \_\_\_\_\_ Multidisciplinary Studies \_\_\_\_\_  
 \_\_\_\_\_ STEM \_\_\_\_\_  
 \_\_\_\_\_ Business & Industry \_\_\_\_\_  
 \_\_\_\_\_ Public Services \_\_\_\_\_  
 \_\_\_\_\_ Arts & Humanities \_\_\_\_\_

My Post-High School Plans include:  
 \_\_\_\_\_ Technical training  
 \_\_\_\_\_ Two-year college  
 \_\_\_\_\_ Four-year college  
 \_\_\_\_\_ Military  
 \_\_\_\_\_ Employment  
 \_\_\_\_\_ Other

Credit Requirements--26 total	
English Lang. Arts: 4	Physical Educ: 1
Mathematics: 4	Languages Other Than English(LOTE) 2
Science: 4	Fine Arts: 1
Social Studies: 3	Health: 0.5
	Electives: 6.5

HS CREDITS EARNED PRIOR TO ENTERING GRADE 9:			
Course Title	Credit	Course Title	Credit

**SAMPLE**

9TH GRADE	Credit	10TH GRADE	Credit	11TH GRADE	Credit	12TH GRADE	Credit
English I (EOC)	1.0	English II (EOC)	1.0	English III	1.0	Advanced English	1.0
Alg I(EOC) or Geometry	1.0	Geom or MathM orAlgII*	1.0	MathM or Alg II*or AdvM	1.0	Advanced Math	1.0
Biology (EOC)	1.0	IPC or Chem or Physics	1.0	Advanced Science	1.0	Advanced Science	1.0
WGeog or WHist	1.0	Soc. Stds. or Elective	1.0	<b>US History (EOC)</b>	1.0	Gov/Eco	1.0
LOTE I or higher	1.0	LOTE II or higher	1.0	Elective	1.0	Elective	1.0
PE/PESub/Health/FineArts	1.0	PE/PESub/Health/FineArts	1.0	EndrsmtCourse/Elective	1.0	EndrsmtCourse/Elective	1.0
EndrsmtCourse/Elective	1.0	EndrsmtCourse/Elective	1.0	EndrsmtCourse/Elective	1.0	EndrsmtCourse/Elective	1.0

EOC--End Of Course Assessment is required

\* Course is required for the Distinguished Level of Achievement

This chart reflects a recommended sequence of course work. Some subjects have flexibility in sequencing. Your counselor can provide more information.

\_\_\_\_\_  
 Student Signature

\_\_\_\_\_  
 Parent/Guardian Signature

\_\_\_\_\_  
 Date

revised on 02/21/14

NAME: \_\_\_\_\_  
 (Print) Last First MI Student ID # Year Entered HS Current Grade

NORTH EAST ISD \_\_\_\_\_ HIGH SCHOOL FOUR YEAR PLAN for Students Entering 9th Grade in 2014 and beyond  
 FOUNDATION HIGH SCHOOL PROGRAM WITH ENDORSEMENTS AND DISTINGUISHED LEVEL OF ACHIEVEMENT

Endorsement/Program of Study:  
 \_\_\_\_\_ Multidisciplinary Studies \_\_\_\_\_  
 \_\_\_\_\_ STEM \_\_\_\_\_  
 \_\_\_\_\_ Business & Industry \_\_\_\_\_  
 \_\_\_\_\_ Public Services \_\_\_\_\_  
 \_\_\_\_\_ Arts & Humanities \_\_\_\_\_

My Post-High School Plans  
 include:  
 \_\_\_\_\_ Technical training  
 \_\_\_\_\_ Two-year college  
 \_\_\_\_\_ Four-year college  
 \_\_\_\_\_ Military  
 \_\_\_\_\_ Employment  
 \_\_\_\_\_ Other

Credit Requirements--26 total	
English Lang. Arts: 4	Physical Educ: 1
Mathematics: 4	Languages Other Than English(LOTE) 2
Science: 4	Fine Arts: 1
Social Studies: 3	Health: 0.5
	Electives: 6.5

HS CREDITS EARNED PRIOR TO ENTERING GRADE 9:			
Course Title	Credit	Course Title	Credit

**STUDENT: FILL IN THE BLANKS**

9TH GRADE	Credit	10TH GRADE	Credit	11TH GRADE	Credit	12TH GRADE	Credit
English I (EOC)	1.0	English II (EOC)	1.0	English III	1.0		1.0
Alg I(EOC) or Geometry	1.0		1.0		1.0		1.0
Biology (EOC)	1.0		1.0		1.0		1.0
WGeog or WHist	1.0		1.0	US History (EOC)	1.0		1.0
	1.0		1.0		1.0		1.0
	1.0		1.0		1.0		1.0
	1.0		1.0		1.0		1.0

EOC--End Of Course Assessment is required

\* Course is required for the Distinguished Level of Achievement

This chart reflects a recommended sequence of course work. Some subjects have flexibility in sequencing. Your counselor can provide more information.

\_\_\_\_\_  
 Student Signature

\_\_\_\_\_  
 Parent/Guardian Signature

\_\_\_\_\_  
 Date

revised on 02/21/14

## FOR ALL STUDENTS: STEPS TO COMPLETE THE COURSE SELECTION SHEET

1. Review the graduation requirements, promotion policy and class rank information, and your four-year plan.
2. **Use pencil only** to complete your Course Selection Sheet except for teachers' signatures.
3. **PRINT** the identifying information in the blanks provided on the Course Selection Sheet. **Mark the course numbers on the Course Selection Sheet as instructed by your counselor.**
4. In the Schedule Summary blanks, list the courses you plan to take **IN THE ORDER GIVEN ON THE COURSE SELECTION SHEET**; for example: English, math, science, social studies, electives and P.E. or Career and Technical. List electives in order of preference. **This listing does not determine the order or semester in which courses will be scheduled.**
5. Make sure you have listed 14 semesters (7 classes) of courses in the Schedule Summary. It is not necessary that you write a full-year course two times. If a course is a full-year course, list it in the first column with a line through the second semester. Then list the single semester courses needed to complete 14 semesters. (Your **order** of courses next year will look different from what you list.)

For Example:

Course #	First Semester	Course #	Second Semester
1743	Newspaper Production	-----	-----
8298	Business Law	5807	Communication Applications

List **ALTERNATE** choices for electives in order of preference in the spaces provided in the Schedule Summary. **THIS IS IMPORTANT IN CASE THERE ARE CONFLICTS IN COURSE SELECTIONS OR IN CASE A COURSE DOES NOT GET OFFERED DUE TO SMALL NUMBERS ENROLLING.** In the absence of an alternate elective, the counselor will make the choice. Graduating Seniors: if Senior Early Release is selected, approval for Senior Early Release may not be given until STAAR EOC Results are received in late spring.

6. **Write course numbers on the Course Selection Sheet in PENCIL ONLY.** Course numbers selected should be the next course in sequence in academic areas.
7. If you plan to attend summer school, fill in the appropriate blanks on the Course Selection Sheet. Consult your counselor any time summer school plans are changed. Indicate the next course in sequence on your Course Selection Sheet for next year as if you will pass the course you take in summer school. If the next course in sequence after the course you plan to take in summer school requires the NEISD ADVANCED LEVEL COURSE AGREEMENT, you will need to complete the form. You must sign up for the next course in sequence now; if you wait until August after summer school is over, the course you need may be full.
8. If you are not presently enrolled with a teacher who can sign the Course Selection Sheet or accept the NEISD ADVANCED LEVEL COURSE AGREEMENT Form for a noted course, you should see your previous year's teacher or the department chairman. Refer to individual campus policy for this procedure.
9. **When the Course Selection Sheet is completed, the parent's and the student's signatures are required.**

## **SENIOR EARLY RELEASE CLASS GUIDELINES AND PROCEDURES FOR STUDENTS**

**Course #s: 7911 (per 1), 7916 (per 6), 7917 (per 7) and 7918 (per 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 they are approved or if they are disapproved for the program.
- Students may be released for up to three (3) periods 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 will be available in the Counseling Office.**

## 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 both local and state requirements as well as 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.

Please contact your home campus Counseling Office for the individual Course Selection Sheet.

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

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

## PHYSICAL EDUCATION SUBSTITUTION COURSES:

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

## OFF CAMPUS PE:

Some middle and high school students in North East Independent School District participate and compete in Olympic-level sports that are not offered within the Physical Education and/or Athletic Department. Interested students may visit the Off Campus Physical Education website for more information and eligibility. Check the website for application deadlines. All students must be approved in order to be enrolled 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.

## Career & Technical Education Magnet Programs

### Agriscience Magnet Program at Madison High School

<b>Course: ADVANCED ANIMAL SCIENCE</b>							
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.						
<b>Course: ADVANCED ENERGY AND NATURAL RESOURCE TECHNOLOGY</b>							
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.						
<b>Course: ADVANCED FLORAL DESIGN</b>							
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.						
<b>Course: ADVANCED PLANT AND SOIL SCIENCE</b>							
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.						
<b>Course: AGRIBUSINESS MANAGEMENT AND MARKETING</b>							
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.						
<b>Course: AGRICULTURAL EQUIPMENT DESIGN AND FABRICATION</b>							
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.						

<b>Course: AGRICULTURAL LEADERSHIP, RESEARCH, AND COMMUNICATIONS</b>							
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:							
<b>Course: AGRICULTURAL STRUCTURES DESIGN AND FABRICATION</b>							
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.						
<b>Course: AGRICULTURE MECHANICS AND METAL TECHNOLOGIES</b>							
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.						
<b>Course: AGRICULTURE POWER SYSTEMS</b>							
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.						
<b>Course: ENERGY AND NATURAL RESOURCES TECHNOLOGY</b>							
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 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.						
<b>Course: EQUINE SCIENCE</b>							
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.						

<b>Course: FLORAL DESIGN</b>							
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.						
<b>Course: FOOD PROCESSING</b>							
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.						
<b>Course: FOOD TECHNOLOGY AND SAFETY</b>							
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.						
<b>Course: HORTICULTURAL SCIENCE</b>							
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.						
<b>Course: LANDSCAPE DESIGN AND MANAGEMENT</b>							
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.						
<b>Course: LIVESTOCK PRODUCTION</b>							
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.						

<b>Course: MATHEMATICAL APPLICATIONS IN AGRICULTURE, FOOD AND NATURAL RESOURCES</b>							
Course Description:	Students acquire technical knowledge in the discipline as well as apply academic skills in mathematics. Students should apply knowledge and skills related to mathematics, including algebra, geometry and data analysis in the context of agriculture, food and natural resources.						
Course Number	<b>8281</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Required: Algebra I Recommended: One credit from the courses in the Agriculture, Food, and Natural Resources Career Cluster.						
Special Notes:	This course satisfies the Advanced Math graduation requirement. This course may require supply or certification fees.						
<b>Course: PRACTICUM IN AGRICULTURE, FOOD AND NATURAL RESOURCES</b>							
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	<b>8287</b>	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.						
<b>Course: PRACTICUM IN AGRICULTURE, FOOD AND NATURAL RESOURCES EXTENDED</b>							
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	<b>8386</b>	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.						
<b>Course: PRINCIPLES OF AGRICULTURE, FOOD AND NATURAL RESOURCES</b>							
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	<b>8261</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:	This course may require supply or certification fees.						
<b>Course: PROFESSIONAL STANDARDS IN AGRIBUSINESS</b>							
Course Description:	Students acquire technical knowledge and skills related to leadership development and the workplace and develop knowledge and skills regarding agricultural career opportunities, entry requirements, and industry expectations. This course primarily focuses on leadership, communication, employer-employee relations and problem solving as they relate to agribusiness.						
Course Number	<b>8279</b>	Credits:	0.5	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Recommended: Principles of Agriculture, Food, and Natural Resources						
Special Notes:							
<b>Course: SMALL ANIMAL MANAGEMENT</b>							
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	<b>8069</b>	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.						

<b>Course: TURF GRASS MANAGEMENT</b>							
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.						

<b>Course: VETERINARY MEDICAL APPLICATIONS</b>							
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:	11 - 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.						

<b>Course: WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT</b>							
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

<b>Course: ADVANCED TECHNOLOGY AND MANUFACTURING ACADEMY I</b>							
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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a>						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3 <sup>rd</sup> period class. NEISD provides transportation to and from Alamo College campus.						

<b>Course: ADVANCED TECHNOLOGY AND MANUFACTURING ACADEMY II</b>							
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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a>						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3 <sup>rd</sup> period class. NEISD provides transportation to and from Alamo College campus.						

<b>Course: AEROSPACE ACADEMY I</b>							
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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a>						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3 <sup>rd</sup> period class. NEISD provides transportation to and from Alamo College campus.						
<b>Course: AEROSPACE ACADEMY II</b>							
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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a>						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3 <sup>rd</sup> period class. NEISD provides transportation to and from Alamo College campus.						
<b>Course: ANATOMY AND PHYSIOLOGY - HEALTH PROFESSIONALS ACADEMY</b>							
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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a> 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 3 <sup>rd</sup> period class. NEISD provides transportation to and from Alamo College campus.						
<b>Course: DIESEL TECHNOLOGY ACADEMY I</b>							
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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a>						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3 <sup>rd</sup> period class. NEISD provides transportation to and from Alamo College campus.						

<b>Course: DIESEL TECHNOLOGY ACADEMY II</b>							
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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a>						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3 <sup>rd</sup> period class. NEISD provides transportation to and from Alamo College campus.						
<b>Course: ENGLISH III DUAL CREDIT - HEALTH PROFESSIONALS ACADEMY</b>							
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: <a href="http://www.alamoacademies.com/">http://www.alamoacademies.com/</a>						
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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a>						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3 <sup>rd</sup> period class. NEISD provides transportation to and from Alamo College campus.						
<b>Course: HEALTH SCIENCE DUAL CREDIT FOR HEALTH PROFESSIONALS ACADEMY</b>							
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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a>						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3 <sup>rd</sup> period class. NEISD provides transportation to and from Alamo College campus.						
<b>Course: INFORMATION TECHNOLOGY AND SECURITY ACADEMY I</b>							
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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a>						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3 <sup>rd</sup> period class. NEISD provides transportation to and from Alamo College campus.						
<b>Course: INFORMATION TECHNOLOGY AND SECURITY ACADEMY II</b>							
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, basic UNIX 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 mark-up 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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a>						
Special Notes:	This course is located at Alamo Colleges. Classes begin 7:30 am and return to campus for 3 <sup>rd</sup> period class. NEISD provides transportation to and from Alamo College campus.						

Course:	<b>MICROBIOLOGY DUAL CREDIT FOR HEALTH PROFESSIONALS ACADEMY</b>						
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	<b>3256</b>	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. <a href="https://alamoacademies.com/">https://alamoacademies.com/</a>						
Special Notes:	This course is located at Alamo Colleges. Students may have to provide transportation to training site.						

**Career & Technical Education Center (CTEC) – ALL NEISD students are eligible to apply.**

**Construction Technology Academy**

Course:	<b>PRINCIPLES OF CONSTRUCTION / OCCUPATIONAL SAFETY &amp; ENVIRONMENTAL TECHNOLOGY I</b>						
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. <i>This is the level 1 course for Carpentry, Electrical, HVAC, and Plumbing Pathways.</i>						
Course Number	<b>6763/8190</b>	Credits:	2.0	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:	<b>CONSTRUCTION TECHNOLOGY I</b>						
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	<b>8243</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	10-12
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:	<b>CONSTRUCTION TECHNOLOGY II</b>						
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	<b>8244</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 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:	<b>ELECTRICAL TECHNOLOGY I / DIVERSIFIED MANUFACTURING I</b>						
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	<b>8154/8194</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Co-requisites:	Students must apply and be accepted to the Career & Technical Education Center (CTEC).						
Special Notes:	This course may require supply or certification fees.						

Course:	<b>ELECTRICAL TECHNOLOGY II</b>						
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	<b>8155</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 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.						

<b>Course: HVAC I / DIVERSIFIED MANUFACTURING I</b>							
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.							
<b>Course Number</b>	<b>8249/8194</b>	<b>Credits:</b>	2.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	10 - 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.							
<b>Course: HVAC II</b>							
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.							
<b>Course Number</b>	<b>8295</b>	<b>Credits:</b>	2.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11 - 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.							
<b>Course: INTRODUCTION TO WELDING / OCCUPATIONAL SAFETY &amp; ENVIRONMENTAL TECHNOLOGY</b>							
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. <i>This is the level 1 course for Welding Pathway.</i>							
<b>Course Number</b>	<b>8173 / 8190</b>	<b>Credits:</b>	2.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	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.							
<b>Course: PLUMBING TECHNOLOGY I/DIVERSIFIED MANUFACTURING I</b>							
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.							
<b>Course Number</b>	<b>8241/8194</b>	<b>Credits:</b>	2.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	10 - 12
Co-requisites: 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.							
<b>Course: PLUMBING TECHNOLOGY II</b>							
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.							
<b>Course Number</b>	<b>8242</b>	<b>Credits:</b>	2.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11 - 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.							
<b>Course: PRACTICUM IN CONSTRUCTION TECHNOLOGY</b>							
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.							
<b>Course Number</b>	<b>8078</b>	<b>Credits:</b>	2.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	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:	<b>PRACTICUM IN WELDING I</b>						
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	<b>8179</b>	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:	<b>WELDING I</b>						
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	<b>8174</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 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:	<b>WELDING II</b>						
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	<b>8175</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 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.						

### Medical Professions Academy

Course:	<b>CERTIFIED CLINICAL MEDICAL ASSISTANT</b>						
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	<b>8360</b>	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:	<b>CERTIFIED NURSE AIDE (CNA)</b>						
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	<b>8348</b>	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.						

<b>Course: EMERGENCY MEDICAL TECHNICIAN (EMT)</b>							
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.						

<b>Course: MEDICAL PROFESSIONALS ACADEMY PRACTICUM II</b>							
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.						

<b>Course: PHARMACY TECHNICIAN</b>							
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.						

<b>Course: REGISTERED DENTAL ASSISTANT</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	8358	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.						

## Transportation Technology Academy

<b>Course: AUTOMOTIVE BASICS / PRINCIPLES OF TRANSPORTATION</b>							
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. <i>This is the level 1 course for Automotive and Diesel Technologies Pathway.</i>						
Course Number	7777 / 6734	Credits:	2.0	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.						

<b>Course: AUTOMOTIVE TECHNOLOGY I: MAINTENANCE AND LIGHT REPAIR</b>							
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.						

<b>Course: AUTOMOTIVE TECHNOLOGY II: AUTOMOTIVE SERVICE</b>							
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.						

<b>Course: DIESEL EQUIPMENT TECHNOLOGY I</b>							
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.						

<b>Course: DIESEL EQUIPMENT TECHNOLOGY II</b>							
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.						

<b>Course: PRACTICUM IN TRANSPORTATION SYSTEMS</b>							
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.						

### Design and Technology Academy (DATA)

<b>Course: 3-D MODELING AND ANIMATION</b>							
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.						
Course Number	3036	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:	Magnet Program						

<b>Course: PRACTICUM IN INFORMATION TECHNOLOGY</b>							
Course Description: Students will gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation.							
<b>Course Number</b>	<b>6698</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:							
Special Notes: Magnet Program							

<b>Course: ADVANCED VIDEO GAME PROGRAMMING</b>							
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.							
<b>Course Number</b>	<b>3038</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: Recommended: Video Game Design and Video Game Programming							
Special Notes: Magnet Program							

<b>Course: VIDEO GAME PROGRAMMING</b>							
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.							
<b>Course Number</b>	<b>3037</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites: Recommended: Video Game Design							
Special Notes: Magnet Program							

<b>Course: WEB DESIGN</b>							
Course Description: This course prepares students to create and manage web sites.							
<b>Course Number</b>	<b>3031</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes: Magnet Program							

<b>Course: WEB GAME DEVELOPMENT</b>							
Course Description: The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student is expected to research, evaluate, and demonstrate appropriate design of a web-based gaming site; illustrate ideas for web artwork from direct observations, experiences, and imagination; create original designs for web applications; and demonstrate the effective use of art media to create original web designs.							
<b>Course Number</b>	<b>6710</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: Recommended: Web Design							
Special Notes: Magnet Program							

## Engineering and Technologies Academy (ETA)

<b>Course: AEROSPACE ENGINEERING</b>							
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.							
<b>Course Number</b>	<b>8356</b>	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:	<b>CIVIL ENGINEERING &amp; ARCHITECTURE</b>						
Course Description:	Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3-D architectural design software.						
Course Number	<b>8157</b>	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:	<b>DIGITAL MEDIA</b>						
Course Description:	Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.						
Course Number	<b>8297</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Recommended: Principles of Information Technology						
Special Notes:	Magnet Program						

Course:	<b>PROGRAMMABLE LOGIC CONTROLLER I</b>						
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	<b>8363</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:							
Special Notes:	Magnet Program						

Course:	<b>PROGRAMMABLE LOGIC CONTROLLER II</b>						
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	<b>8364</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Programmable Logic Controller I						
Special Notes:	Magnet Program						

## Hallmark Aero CHI University

Course:	<b>HALLMARK AERONAUTICS AND AVIATION II</b>						
Course Description:	This course is designed to teach the theory of operation of aircraft power plants and associated maintenance and repair practices. Power plant maintenance and repair practices include knowledge of the theory, function, diagnosis, and service of power plant, systems, and components of aircraft. Industry-recognized professional licensures, certifications, and registrations are available for students who meet the requirements set forth by the accrediting organization.						
Course Number	<b>6788</b>	Credits:	3.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Students must be accepted to Hallmark University and complete year one courses 6786 and 6787. <a href="http://www.hallmarkuniversity.edu/aerochi">www.hallmarkuniversity.edu/aerochi</a>						
Special Notes:	This course is held at the Hallmark University campus. The student may be required to provide their own transportation to the program site. This course may require supply or certification fees.						

## Institute for Cybersecurity & Innovation – ALL NEISD Students are eligible to apply.

Course:	<b>INTRODUCTON TO VIRTUALIZATION, PROGRAMMING, &amp; NETWORK SECURITY</b>						
Course Description:	In this course students will utilize the iCSI cyber-range and cloud computing resources such as Amazon Web Services to build proficiency with operating system deployment, configuration and security best practice. Students will frequently work in teams to resolve cybersecurity related scenario-based challenges as they prepare for the CompTIA ITF+ professional certification exam. Classes will also explore the NICE career framework and have the opportunity to regularly hear from industry professionals as they investigate college and career opportunities in the field of cybersecurity.						
Course Number	<b>6766/6658</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	9
Prerequisites:							
Special Notes:	Interested students must apply online at <a href="http://www.neisd.net/magnetprograms">www.neisd.net/magnetprograms</a>						

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

Course:	<b>BIOTECHNOLOGY I</b>						
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	<b>8342</b>	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:	<b>PRACTICUM IN SCIENCE, TECHNOLOGY, ENGINEERING AND MATH</b>						
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	<b>8260</b>	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						

## Career & Technical Education Career Clusters

### Architecture Career Cluster

Course:	<b>ARCHITECTURAL DESIGN I</b>						
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	<b>8245</b>	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:	<b>ARCHITECTURAL DESIGN II</b>						
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	<b>8246</b>	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:	<b>PRACTICUM IN ARCHITECTURAL DESIGN</b>						
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	<b>8247</b>	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:	<b>PRINCIPLES OF ARCHITECTURE</b>						
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	<b>6647</b>	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:	<b>ANIMATION I</b>						
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	<b>6711</b>	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:	<b>ANIMATION II</b>						
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	<b>6713</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Animation I						
Special Notes:	This course may require supply or certification fees.						

Course:	<b>ANIMATION II COURSE AND LAB</b>						
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	<b>6714</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Animation I						
Special Notes:	This course may require supply or certification fees.						

Course:	<b>AUDIO/VIDEO PRODUCTION I</b>						
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	<b>6731</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Recommended: Principles of Arts, Audio/Video Technology, and Communications						
Special Notes:							

Course:	<b>AUDIO/VIDEO PRODUCTION II</b>						
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	<b>6741</b>	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.						

<b>Course: AUDIO/VIDEO PRODUCTION II COURSE AND LAB</b>							
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.						
<b>Course: COMMERCIAL PHOTOGRAPHY I</b>							
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.						
<b>Course: COMMERCIAL PHOTOGRAPHY II</b>							
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:							
<b>Course: FASHION DESIGN I</b>							
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.						
<b>Course: FASHION DESIGN II</b>							
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.						
<b>Course: FASHION DESIGN II COURSE AND LAB</b>							
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.						
<b>Course: GRAPHIC DESIGN AND ILLUSTRATION I</b>							
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:							

<b>Course: GRAPHIC DESIGN AND ILLUSTRATION II</b>							
Course Description:	Students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.						
<b>Course Number</b>	<b>6752</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Graphic Design and Illustration I						
Special Notes:							
<b>Course: GRAPHIC DESIGN AND ILLUSTRATION II COURSE AND LAB</b>							
Course Description:	Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.						
<b>Course Number</b>	<b>6753</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Graphic Design and Illustration I						
Special Notes:	This course may require supply or certification fees.						
<b>Course: PRACTICUM IN ANIMATION</b>							
Course Description:	This a capstone work-based learning course in this career cluster that may be offered paid, unpaid, or lab-based.						
<b>Course Number</b>	<b>6760</b>	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.						
<b>Course: PRACTICUM IN AUDIO/VIDEO PRODUCTION</b>							
Course Description:	This a capstone work-based learning course in this career cluster that may be offered paid, unpaid, or lab-based.						
<b>Course Number</b>	<b>6761</b>	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.						
<b>Course: PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATOINS</b>							
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.						
<b>Course Number</b>	<b>6656</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							
<b>Course: PROFESSIONAL COMMUNICATIONS</b>							
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.						
<b>Course Number</b>	<b>5809</b>	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.						
<b>Course: VIDEO GAME DESIGN</b>							
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.						
<b>Course Number</b>	<b>6700</b>	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

<b>Course: ACCOUNTING I</b>							
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:							
<b>Course: ACCOUNTING II</b>							
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.						
<b>Course: ADVERTISING</b>							
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:							
<b>Course: BANKING AND FINANCIAL SYSTEMS</b>							
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.						
<b>Course: BUSINESS INCUBATOR (REAGAN HS ONLY)</b>							
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:							
<b>Course: BUSINESS INFORMATION MANAGEMENT I</b>							
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.						

<b>Course: BUSINESS INFORMATION MANAGEMENT II</b>							
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.						
<b>Course: BUSINESS LAW</b>							
Course Description:	Students analyze the social responsibility of business and industry regarding the significant issues relating to the legal environment, business ethics, torts, contracts, negotiable financial instruments, personal property, sales, warranties, business organization, concept of agency and employment, and real property. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.						
Course Number	6750	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: Principles of Business, Marketing, and Finance						
Special Notes:							
<b>Course: BUSINESS MANAGEMENT</b>							
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:							
<b>Course: ENTREPRENEURSHIP</b>							
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:							
<b>Course: FASHION MARKETING</b>							
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:							
<b>Course: FINANCIAL MATHEMATICS</b>							
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.						
<b>Course: GLOBAL BUSINESS</b>							
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:							

<b>Course: PRACTICUM IN BUSINESS MANAGEMENT</b>							
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 of emerging technologies.						
Course Number	8303	Credits:	2.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Required: Business Information Management II or Business Management						
Special Notes:	This course may require supply or certification fees.						
<b>Course: PRACTICUM IN ENTREPRENEURSHIP</b>							
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.						
<b>Course: PRACTICUM IN MARKETING</b>							
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.						
<b>Course: PRINCIPLES OF BUSINESS, MARKETING AND FINANCE</b>							
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:							
<b>Course: SOCIAL MEDIA MARKETING</b>							
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:							
<b>Course: SPORTS AND ENTERTAINMENT MARKETING I</b>							
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:							

<b>Course: SPORTS AND ENTERTAINMENT MARKETING II</b>							
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 plans.						
Course Number	8313	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Sports and Entertainment Marketing I						
Special Notes:							

<b>Course: STATISTICS AND BUSINESS DECISION MAKING</b>							
Course Description:	Students are introduced to statistics and the application of statistics to business decision making. Students will use statistics to make business decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.						
Course Number	6770	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Algebra II						
Special Notes:	This course satisfies a high school mathematics graduation requirement.						

<b>Course: VIRTUAL BUSINESS</b>							
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)

<b>Course: COSMETOLOGY I</b>							
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.						

<b>Course: COSMETOLOGY II</b>							
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.						

<b>Course: INTRODUCTION TO COSMETOLOGY</b>							
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:	<b>PRINCIPLES OF COSMETOLOGY DESIGN AND COLOR THEORY</b>						
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:	<b>CHILD DEVELOPMENT</b>						
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:	<b>CHILD GUIDANCE</b>						
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:	<b>COUNSELING AND MENTAL HEALTH</b>						
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:	<b>DOLLARS AND SENSE</b>						
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:	<b>FAMILY &amp; COMMUNITY SERVICES</b>						
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:							

<b>Course: HUMAN GROWTH AND DEVELOPMENT</b>							
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:							
<b>Course: LIFETIME NUTRITION AND WELLNESS</b>							
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:							
<b>Course: PRINCIPLES OF EDUCATION AND TRAINING</b>							
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:							
<b>Course: PRINCIPLES OF HUMAN SERVICES</b>							
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:							
<b>Course: READY, SET, TEACH I</b>							
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.						
<b>Course: READY, SET, TEACH II</b>							
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

<b>Course: ANATOMY &amp; PHYSIOLOGY</b>							
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.						
<b>Course: HEALTH SCIENCE CLINICAL</b>							
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.						
<b>Course: HEALTH SCIENCE THEORY</b>							
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: Biology; Recommended: Principles of Health Science						
Special Notes:							
<b>Course: MEDICAL MICROBIOLOGY</b>							
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.						
<b>Course: MEDICAL TERMINOLOGY</b>							
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:							
<b>Course: PATHOPHYSIOLOGY</b>							
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:	<b>PRINCIPLES OF HEALTH SCIENCE</b>						
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	<b>8340</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							

*Course information for Registered Dental Assistant, Certified Nurse Aide, Emergency Medical Technician, Certified Medical Assistant, and Pharmacy Technician can be found within the Medical Profession Academy information.*

### **Hospitality & Tourism Career Cluster**

Course:	<b>ADVANCED CULINARY ARTS</b>						
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	<b>8064</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Culinary Arts						
Special Notes:	This course may require supply or certification fees.						

Course:	<b>CULINARY ARTS</b>						
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	<b>8063</b>	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:	<b>FOOD SCIENCE</b>						
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	<b>8028</b>	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:	<b>INTRODUCTION TO CULINARY ARTS</b>						
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	<b>8062</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:	Recommended: Principles of Hospitality and Tourism						
Special Notes:							

<b>Course: PRACTICUM IN CULINARY ARTS</b>							
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

<b>Course: CRIMINAL INVESTIGATION</b>							
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:							

<b>Course: FORENSIC SCIENCE</b>							
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.						

<b>Course: LAW ENFORCEMENT I</b>							
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:							

<b>Course: LAW ENFORCEMENT II</b>							
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:							

<b>Course: PRACTICUM IN LAW ENFORCEMENT</b>							
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:	<b>PRINCIPLES OF LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY</b>						
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	<b>8410</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							

### STEM Career Cluster

Course:	<b>AP COMPUTER SCIENCE A</b>						
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	<b>3010</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Computer Science I Honors						
Special Notes:							

Course:	<b>AP COMPUTER SCIENCE PRINCIPLES</b>						
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	<b>3007</b>	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:	<b>COMPUTER SCIENCE I HONORS</b>						
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	<b>3005</b>	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:	<b>COMPUTER SCIENCE II HONORS</b>						
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	<b>3006</b>	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.						

<b>Course: ENGINEERING DESIGN AND PRESENTATION I</b>							
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:							
<b>Course: ENGINEERING DESIGN AND PRESENTATION II</b>							
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.						
<b>Course: ENGINEERING DESIGN AND PROBLEM SOLVING</b>							
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.						
<b>Course: MANUFACTURING ENGINEERING TECHNOLOGIES (MADISON HS ONLY)</b>							
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:							
<b>Course: PRINCIPLES OF APPLIED ENGINEERING</b>							
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:							
<b>Course: PRINCIPLES OF COMPUTER SCIENCE</b>							
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:							

<b>Course: PRINCIPLES OF CYBERSECURITY</b>							
Course Description:	This introductory course develops the knowledge and skills needed to master fundamental concepts of cybersecurity by exploring challenges facing information security professionals related to ethics, system security, network security, and application security. Students will examine trends in cyber-attacks, common vulnerabilities, and the emergence of cyber terrorism. Students will develop and implement security policies to mitigate those risks. To prepare for success, students will have opportunities to apply, reinforce, and transfer knowledge and skills to a variety of settings and problems.						
Course Number	6766	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							

<b>Course: ROBOTICS I</b>							
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.						

<b>Course: ROBOTICS II</b>							
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.						

<b>Course: SCIENTIFIC RESEARCH AND DESIGN</b>							
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

<b>Course: CAREER PREPARATION I</b>							
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.						

<b>Course: CAREER PREPARATION II</b>							
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.						

<b>Course: CAREER PREPARATION I EXTENDED</b>							
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.						
<b>Course: CAREER PREPARATION II EXTENDED</b>							
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.						
<b>Course: PROJECT-BASED RESEARCH I</b>							
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!						
<b>Course: PROJECT-BASED RESEARCH II</b>							
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	8315	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Project-Based Research I						
Special Notes:	A project plan must be on file fifteen days from the day the student enters the course. SECOND time taking course!						

## Communications

### 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.

<b>Course Number</b>	<b>5820</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
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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.

<b>Course Number</b>	<b>5825</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
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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.

<b>Course Number</b>	<b>5827</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
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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.

<b>Course Number</b>	<b>5828</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	12
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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, physicalization, concentration and evaluation. Classroom as well as contest performance receive equal emphasis.

<b>Course Number</b>	<b>5810</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
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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.

<b>Course Number</b>	<b>5815</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
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Prerequisites: Oral Interpretation and Instructor Approval

Special Notes: Students who successfully complete this course also earn Public Speaking II credit.

<b>Course:</b>	<b>ORAL INTERPRETATION III</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>5816</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	10 - 12
<b>Prerequisites:</b>	Oral Interpretation and Instructor Approval						
<b>Special Notes:</b>	Students who successfully complete this course also earn Public Speaking III credit.						

## English

<b>Course:</b>	<b>AP ENGLISH III</b>						
<b>Course Description:</b>	The AP English Language and Composition course (English III AP) aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. The course equips the student with the communication and thinking skills essential for success in social, academic (including SAT, ACT and STAAR), and business situations. In addition, this rigorous college-preparatory course prepares the student for the Advanced Placement testing program.						
<b>Course Number</b>	<b>1314</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11
<b>Prerequisites:</b>	Recommended - English II or English II Honors						
<b>Special Notes:</b>	Please see high school website for current summer reading list.						

<b>Course:</b>	<b>AP ENGLISH III G/T</b>						
<b>Course Description:</b>	English III Gifted/Talented includes humanities-based thematic units focusing on "The American Spirit" through an investigation of novels, short stories, poetry and nonfiction. In addition to the strategies and concepts of an AP course, the accelerated curriculum combines advanced levels of study in the various genres of American literature with the study of American art and music to foster creative expression and independent research as well as content mastery. The course equips the student with the communication and thinking skills essential for success in social, academic (including SAT, ACT and STAAR), and business situations. In addition, this rigorous college-preparatory course prepares the student for the Advanced Placement testing program.						
<b>Course Number</b>	<b>1315</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11
<b>Prerequisites:</b>	Recommended - English II or English II Honors and Qualification for the District's English Gifted/Talented Program						
<b>Special Notes:</b>							

<b>Course:</b>	<b>AP ENGLISH IV LITERATURE</b>						
<b>Course Description:</b>	The AP English Literature course (English IV AP/Dual Credit) aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. The accelerated curriculum equips the student with the communication and thinking skills essential for success in social, academic (including SAT, ACT) and business situations and prepares students for Advanced Placement testing. In addition, students who meet the registration guidelines and course requirements of San Antonio College can receive dual credit for English 1301 and 1302.						
<b>Course Number</b>	<b>1501</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	12
<b>Prerequisites:</b>	English III or English III AP						
<b>Special Notes:</b>	Please see high school website for current summer reading list.						

<b>Course:</b>	<b>AP ENGLISH IV LITERATURE G/T</b>						
<b>Course Description:</b>	English IV Gifted/Talented/AP/Dual Credit includes humanities-based thematic seminars focused on an investigation of novels, short stories, poetry, and nonfiction. In addition to the core strategies and concepts of an AP course, the strong humanities and philosophy content fosters creative expression and independent research as well as content mastery. The accelerated curriculum equips the student with the communication and thinking skills essential for success in social, academic (including SAT, ACT) and business situations and prepares students for Advanced Placement testing. In addition, students who meet the registration guidelines and course requirements of San Antonio College can receive dual credit for English 1301 and 1302.						
<b>Course Number</b>	<b>1502</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	12
<b>Prerequisites:</b>	English III or English III AP and Qualification for the District's English Gifted/Talented Program						
<b>Special Notes:</b>							

<b>Course: ENGLISH I</b>							
Course Description:	English I increases and refines students' written and oral communication skills through the study of reading, writing, speaking, listening, and research. Students practice a variety of writing tasks in a variety of genres. Students plan, draft, and craft complete written compositions on a regular basis. Writers edit papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students read extensively in multiple genres - analyzing the works and interpreting the possible influences of historical and cultural context.						
Course Number	1113	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:	Admission to High School						
Special Notes:							
<b>Course: ENGLISH I G/T HONORS</b>							
Course Description:	English I Gifted/Talented includes humanities-based thematic units as well as all the strategies and concepts of an Honors course. The accelerated curriculum combines advanced levels of study in the various genres of literature with the study of art and music to foster creative expression as well as content mastery. Writing requirements reflect analysis, synthesis, application and evaluation of the concepts presented. Vocabulary study is based on Greek and Latin word parts and derivatives. The course equips the student with the communication and thinking skills essential for success in social, academic (including SAT, ACT and STAAR) and business situations. In addition, this rigorous college-preparatory course is designed to prepare students for Advanced Placement coursework and the Advanced Placement testing program.						
Course Number	1115	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:	Qualification for the District's English Gifted/Talented Program						
Special Notes:							
<b>Course: ENGLISH I HONORS</b>							
Course Description:	English I Honors covers the regular English I curriculum but emphasizes the higher-level and critical thinking skills of analysis, evaluation, and synthesis in preparation for the Advanced Placement courses. Students write longer and more challenging compositions and read more complex texts than those assigned in regular classes. A variety of projects involving individual and cooperative work encourages creative, productive thinking and accommodates different learning styles. All students enrolled will have a summer reading assignment.						
Course Number	1114	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:	Admission to High School						
Special Notes:	Please see high school website for current summer reading list.						
<b>Course: ENGLISH I RESOURCE</b>							
Course Description:	English I Resource is for students receiving special education services whose ARD committee has determined that the student requires the course and will take the applicable EOC test. 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:							
<b>Course: ENGLISH II</b>							
Course Description:	English II continues to increase and refine students' written and oral communication skills, building on the reading, writing, speaking, listening, and research skills they developed in English I. Students practice a variety of writing tasks in a variety of genres. Students plan, draft, and craft complete written compositions on a regular basis. Students edit papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students read extensively in multiple genres - analyzing the works and interpreting the possible influences of historical and cultural context.						
Course Number	1213	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:	Recommended - English I						
Special Notes:							

<b>Course: ENGLISH II G/T HONORS</b>							
Course Description: English II Gifted/Talented includes humanities based thematic units as well as all the strategies and concepts of an Honors course. The accelerated curriculum combines advanced levels of study in the various genres of literature with the study of art and music fostering creative expression and independent research as well as content mastery. Writing requirements reflect analysis, synthesis, application and evaluation of the concepts presented. The course equips the student with the communication and thinking skills essential for success in social, academic (including SAT, ACT and STAAR), and business situations. In addition, this rigorous college-preparatory course is designed to prepare students for Advanced Placement coursework and the Advanced Placement testing program.							
<b>Course Number</b>	<b>1215</b>	<b>Credits:</b>	<b>1.0</b>	<b>Term:</b>	<b>Full Year</b>	<b>Grade Placement:</b>	<b>10</b>
Prerequisites: Recommended - English I or English I Honors and Qualification for the District's English Gifted/Talented Program							
Special Notes:							
<b>Course: ENGLISH II HONORS</b>							
Course Description: English II Honors provides an enriched version of the English II curriculum in preparation for Advanced Placement courses. Students work independently and collaboratively to hone critical thinking skills, especially skills involved in literary analysis. The literature studied represents diverse cultures. Reading and vocabulary skills, specifically those required for the SAT and STAAR exams, are reinforced through the literary and informational text selections. Students write papers that are of a more difficult nature and longer length and read more complex texts. All students enrolled will have a summer reading assignment.							
<b>Course Number</b>	<b>1214</b>	<b>Credits:</b>	<b>1.0</b>	<b>Term:</b>	<b>Full Year</b>	<b>Grade Placement:</b>	<b>10</b>
Prerequisites: Recommended - English I or English I Honors							
Special Notes: Please see high school website for current summer reading list.							
<b>Course: ENGLISH II RESOURCE</b>							
Course Description: English II 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 English II curriculum are modified and vertically aligned to meet the individual needs of the student whose reading and writing skills are significantly below grade level.							
<b>Course Number</b>	<b>1016</b>	<b>Credits:</b>	<b>1.0</b>	<b>Term:</b>	<b>Full Year</b>	<b>Grade Placement:</b>	<b>9 - 12</b>
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ENGLISH III</b>							
Course Description: English III continues to increase and refine students' written and oral communication skills, building on the reading, writing, speaking, listening and research skills they developed in English II. Students practice a variety of writing tasks in a variety of genres. Students plan, draft, and craft complete written compositions on a regular basis. Students edit papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students read extensively in multiple genres - analyzing the works and interpreting the possible influences of historical and cultural context.							
<b>Course Number</b>	<b>1313</b>	<b>Credits:</b>	<b>1.0</b>	<b>Term:</b>	<b>Full Year</b>	<b>Grade Placement:</b>	<b>11</b>
Prerequisites: Recommended - English II							
Special Notes:							
<b>Course: ENGLISH III RESOURCE</b>							
Course Description: English III Resource for students receiving special education services whose ARD committee has determined that the student requires the course. 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.							
<b>Course Number</b>	<b>1017</b>	<b>Credits:</b>	<b>1.0</b>	<b>Term:</b>	<b>Full Year</b>	<b>Grade Placement:</b>	<b>9 - 12</b>
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ENGLISH IV</b>							
Course Description: English IV, the culminating English course for 12th grade students, builds on the reading, writing, speaking, listening, and research skills they developed in English III. The course incorporates the Texas Essential Knowledge and Skills including reading, writing, inquiry/research, listening, and speaking. This course equips the student with the communication skills necessary for success within college and the business world.							
<b>Course Number</b>	<b>1413</b>	<b>Credits:</b>	<b>1.0</b>	<b>Term:</b>	<b>Full Year</b>	<b>Grade Placement:</b>	<b>12</b>
Prerequisites: Recommended - English III							
Special Notes:							

Course:	<b>ENGLISH IV RESOURCE</b>						
Course Description:	English IV Resource is for students receiving special education services whose ARD committee has determined that the student requires this course. In this special education resource class, the Texas Essential Knowledge and Skills of the English IV 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:	<b>ENGLISH I FOR SPEAKERS OF OTHER LANGUAGES</b>						
Course Description:	English I for Speakers of Other Languages is composed of thematic units incorporating the Texas Essential Knowledge and Skills including reading/literary study, writing, inquiry and research, listening, speaking, viewing and representing. The course equips the student with the communication and thinking skills essential for success in social, academic and business situations. It also addresses the critical processes and features of second language acquisition and provides appropriate instruction to enable students to meet content requirements.						
Course Number	1021	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:	Admission to high school and LEP						
Special Notes:							

Course:	<b>ENGLISH II FOR SPEAKERS OF OTHER LANGUAGES</b>						
Course Description:	English II for Speakers of Other Languages is composed of units incorporating the Texas Essential Knowledge and Skills including reading/literary study, writing, inquiry and research, listening, speaking, viewing and representing. The course equips the student with the communication and thinking skills essential for success in social, academic, and business situations. It also addresses the critical processes and features of second language acquisition and provides appropriate instruction to enable students to meet content requirements.						
Course Number	1022	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:	English I SOL						
Special Notes:							

Course:	<b>INDEPENDENT STUDY IN ENG/SOL IV</b>						
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:							

Course:	<b>PRACTICAL WRITING/SOL III</b>						
Course Description:	This course emphasizes skill in the use of conventions and mechanics 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:	<b>STUDY SKILLS FOR SPEAKERS OF OTHER LANGUAGES</b>						
Course Description:	This is a class for speakers of other languages who are learning study skills through ESL methodologies. The student will receive individual tutoring in applying skills in subjects such as history, social studies, math and science.						
Course Number	1001	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	LPAC committee placement & A or B score on IPT Oral Assessment						
Special Notes:							

## English Language Arts Electives

<b>Course: ANALYSIS OF VISUAL MEDIA</b>							
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:							
<b>Course: CREATIVE WRITING</b>							
Course Description:	Creative writing is for the student who enjoys writing on his own 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. The course involves keeping a journal of observations and ideas to serve as a springboard to creative invention. Students will frequently work on a one-to-one basis with the instructor to develop individual projects. Students are encouraged to participate in writing workshops and contests.						
Course Number	1634	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Teacher Recommendation						
Special Notes:							
<b>Course: ELA TRANSITIONS COURSE</b>							
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 your endorsement and pathway.						
<b>Course: INDEPENDENT STUDY IN ENGLISH</b>							
Course Description:	Independent study in English is an individually designed course for high-achieving students. Activities will be individually designed for students to provide opportunities to do one or more of the following: conduct research, produce original work in print or other medium, develop an advanced skill or study in a specific area of interest.						
Course Number	1525	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Teacher and Staff Recommendation						
Special Notes:							
<b>Course: INDEPENDENT STUDY/LIT MAG PRODUCTION</b>							
Course Description:	Independent Study/Lit Mag Production is a specifically designed 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:							
<b>Course: INTERNSHIP</b>							
Course Description:	Independent Study in English/MENTORSHIP is an individually designed course for high-achieving students. Students research and prepare story boards for projects which are tied to working with specific mentors in the corporate world. Oral presentation of all stages of the projects, using mixed media and advanced technology, is a key component of the course.						
Course Number	1523	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:							
Special Notes:							

<b>Course: LITERARY GENRES</b>							
Course Description: Literary Genres is a course dealing with 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.							
<b>Course Number</b>	<b>1602</b>	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites: Teacher Recommendation							
Special Notes:							

<b>Course: LITERATURE OF THE BIBLE</b>							
Course Description: In this course, students will study selections from the literature of the Bible as well as secular literature that employs allusions to the people and incidents of the Bible. This course is not a course in religion, but it is an opportunity for students to learn more about this part of our literary heritage. Art, music, and film relating to the literature of the Bible will also be considered.							
<b>Course Number</b>	<b>1351</b>	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites: Teacher Recommendation							
Special Notes:							

<b>Course: PRACTICAL WRITING SKILLS</b>							
Course Description: In this course, students will develop effective writing skills emphasizing the use of conventions and mechanics 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							
<b>Course Number</b>	<b>1635</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Teacher Recommendation							
Special Notes:							

<b>Course: STAAR SUCCESS IN ENGLISH LANGUAGE ARTS</b>							
Course Description: This course provides instructional support for students who previously have not been successful in meeting standards of the ELA Exit Level STAAR. Instruction will be designed to meet the learning needs of each student.							
<b>Course Number</b>	<b>1002</b>	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites: Need to pass ELA STAAR exit level							
Special Notes:							

<b>Course: UIL ACADEMIC ENGLISH</b>							
Course Description: This course prepares students to compete in UIL competition at the district, regional and state levels.							
<b>Course Number</b>	<b>1529</b>	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites: None							
Special Notes:							

<b>Course: UIL ACADEMIC ENGLISH</b>							
Course Description: This course prepares students to compete in UIL competition at the district, regional and state levels.							
<b>Course Number</b>	<b>1530</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: None							
Special Notes:							

### Fine Arts - Choral Music

<b>Course: CHOIR I</b>							
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.							
<b>Course Number</b>	<b>5711</b>	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:	<b>CHOIR II</b>						
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:	<b>CHOIR III</b>						
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:	<b>CHOIR IV</b>						
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:	<b>VOCAL ENSEMBLE I</b>						
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:	<b>VOCAL ENSEMBLE II</b>						
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:	<b>VOCAL ENSEMBLE III</b>						
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:	<b>CHEER I</b>						
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.						

<b>Course: CHEER II</b>							
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.						
<b>Course: CHEER III</b>							
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.						
<b>Course: CHEER IV</b>							
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.						
<b>Course: DANCE TEAM II</b>							
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.						
<b>Course: DANCE TEAM III</b>							
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.						
<b>Course: DANCE TEAM IV</b>							
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.						

<b>Course: DANCE WELLNESS</b>							
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:							
<b>Course: DRILL/JV DANCE II</b>							
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.						
<b>Course: DRILL/JV DANCE III</b>							
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.						
<b>Course: DRILL/JV DANCE IV</b>							
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.						
<b>Course: PEP SQUAD I</b>							
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.						
<b>Course: PEP SQUAD II</b>							
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.						

<b>Course: PEP SQUAD III</b>							
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.						
<b>Course: PEP SQUAD IV</b>							
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.						
<b>Course: PRINCIPLES OF DANCE I</b>							
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.						
<b>Course: PRINCIPLES OF DANCE II</b>							
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.						
<b>Course: PRINCIPLES OF DANCE III</b>							
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.						
<b>Course: PRINCIPLES OF DANCE IV</b>							
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.						
<b>Course: SPIRIT LEADERSHIP I</b>							
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:	<b>SPIRIT LEADERSHIP II</b>						
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	<b>7409</b>	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:	<b>AP MUSIC THEORY</b>						
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	<b>5680</b>	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:	<b>BAND I</b>						
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	<b>5611</b>	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:	<b>BAND II</b>						
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	<b>5621</b>	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:	<b>BAND III</b>						
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	<b>5632</b>	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.						

<b>Course: BAND IV</b>							
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.							
<b>Course Number</b>	<b>5642</b>	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.							
<b>Course: FLAGS I</b>							
Course Description: Students will explore dance technique and composition through participation in the color guard.							
<b>Course Number</b>	<b>5619</b>	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.							
<b>Course: FLAGS II</b>							
Course Description: Students will explore dance technique and composition through participation in the color guard.							
<b>Course Number</b>	<b>5629</b>	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.							
<b>Course: FLAGS III</b>							
Course Description: Students will explore dance technique and composition through participation in the color guard.							
<b>Course Number</b>	<b>5639</b>	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.							
<b>Course: FLAGS IV</b>							
Course Description: Students will explore dance technique and composition through participation in the color guard.							
<b>Course Number</b>	<b>5649</b>	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.							
<b>Course: INSTRUMENTAL ENSEMBLE I</b>							
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.							
<b>Course Number</b>	<b>5691</b>	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:							
<b>Course: INSTRUMENTAL ENSEMBLE II</b>							
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.							
<b>Course Number</b>	<b>5692</b>	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:							

<b>Course: INSTRUMENTAL ENSEMBLE III</b>							
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.							
<b>Course Number</b>	<b>5693</b>	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:							
<b>Course: INSTRUMENTAL ENSEMBLE IV</b>							
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.							
<b>Course Number</b>	<b>5694</b>	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:							
<b>Course: ORCHESTRA I</b>							
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.							
<b>Course Number</b>	<b>5671</b>	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.							
<b>Course: ORCHESTRA II</b>							
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.							
<b>Course Number</b>	<b>5672</b>	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.							
<b>Course: ORCHESTRA III</b>							
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.							
<b>Course Number</b>	<b>5673</b>	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.							
<b>Course: ORCHESTRA IV</b>							
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.							
<b>Course Number</b>	<b>5674</b>	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

<b>Course: TECHNICAL THEATRE I</b>							
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:							

<b>Course: TECHNICAL THEATRE II</b>							
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:							

<b>Course: TECHNICAL THEATRE III</b>							
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:							

<b>Course: TECHNICAL THEATRE IV</b>							
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:							

<b>Course: THEATRE AND MEDIA COMMUNICATIONS I</b>							
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:							

<b>Course: THEATRE AND MEDIA COMMUNICATIONS II</b>							
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:							
<b>Course: THEATRE ARTS I</b>							
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:	None						
Special Notes:							
<b>Course: THEATRE ARTS II</b>							
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:							
<b>Course: THEATRE ARTS III</b>							
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:							
<b>Course: THEATRE ARTS IV</b>							
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:							
<b>Course: THEATRE PRODUCTION I</b>							
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:							

<b>Course: THEATRE PRODUCTION II</b>							
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:							

<b>Course: THEATRE PRODUCTION III</b>							
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:							

<b>Course: THEATRE PRODUCTION IV</b>							
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

<b>Course: AP ART HISTORY</b>							
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:	One credit of any Level II course 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.						

<b>Course: AP STUDIO ART 2D DESIGN</b>							
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:	NEISD Recommended: One credit of any Level II course						
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.						

<b>Course: AP STUDIO ART 3D DESIGN</b>							
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:	NEISD Recommended: One credit of any Level II course						
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.						

<b>Course: AP STUDIO ART DRAWING</b>							
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 credit of any Level II course 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.						
<b>Course: ART APPRECIATION (DUAL CREDIT)</b>							
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:							
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.						
<b>Course: ART I</b>							
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.						
<b>Course: ART I HONORS</b>							
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.						
<b>Course: ART II HONORS</b>							
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						
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.						
<b>Course: ART II PHOTOGRAPHY</b>							
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.						
<b>Course: ART III PHOTOGRAPHY</b>							
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.						

<b>Course: ART IV PHOTOGRAPHY</b>							
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.						
<b>Course: CERAMICS II</b>							
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.						
<b>Course: CERAMICS III</b>							
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:	One credit of any Level II course						
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.						
<b>Course: CERAMICS IV</b>							
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	5542	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.						
<b>Course: DESIGN II</b>							
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.						
<b>Course: DESIGN III</b>							
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:	One credit of any Level II course						
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.						

<b>Course:</b>	<b>DESIGN IV</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>5547</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	12
<b>Prerequisites:</b>	Graphic Design III						
<b>Special Notes:</b>	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.						

<b>Course:</b>	<b>DIGITAL ART &amp; MEDIA II</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>5572</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	10 - 12
<b>Prerequisites:</b>	Art I						
<b>Special Notes:</b>	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.						

<b>Course:</b>	<b>DIGITAL ART &amp; MEDIA III</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>5573</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11 - 12
<b>Prerequisites:</b>	Digital Art & Media II						
<b>Special Notes:</b>	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.						

<b>Course:</b>	<b>DIGITAL ART &amp; MEDIA IV</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>5574</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11 - 12
<b>Prerequisites:</b>	Digital Art & Media III						
<b>Special Notes:</b>	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.						

<b>Course:</b>	<b>DRAWING II</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>5521</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	10 - 12
<b>Prerequisites:</b>	Art I						
<b>Special Notes:</b>	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.						

<b>Course:</b>	<b>DRAWING III</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>5531</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11 - 12
<b>Prerequisites:</b>	Drawing II						
<b>Special Notes:</b>	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.						

<b>Course: DRAWING IV</b>							
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.							
<b>Course Number</b>	<b>5541</b>	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.							
<b>Course: JEWELRY II</b>							
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.							
<b>Course Number</b>	<b>5526</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites: Art I							
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.							
<b>Course: JEWELRY III</b>							
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.							
<b>Course Number</b>	<b>5527</b>	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.							
<b>Course: PAINTING II</b>							
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.							
<b>Course Number</b>	<b>5525</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites: Art I							
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.							
<b>Course: PAINTING III</b>							
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.							
<b>Course Number</b>	<b>5535</b>	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.							
<b>Course: PAINTING IV</b>							
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.							
<b>Course Number</b>	<b>5545</b>	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.							
<b>Course: PRINTMAKING II</b>							
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.							
<b>Course Number</b>	<b>5517</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites: Art I							
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.							

<b>Course: PRINTMAKING III</b>							
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:	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..						

<b>Course: SCULPTURE II</b>							
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						
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.						

<b>Course: SCULPTURE III</b>							
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.						

<b>Course: SCULPTURE IV</b>							
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.						

## Health

<b>Course: HEALTH EDUCATION</b>							
Course Description:	Health is a required course designed to be taken in the first years of high school. It includes the study of the human body and the functions of the systems, drug abuse, first aid, CPR, diseases, pollution and its effects, nutrition, exercise, health agencies and sex education.						
Course Number	7101	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:							

<b>Course: HEALTHY LIFESTYLES I</b>							
Course Description:	This course is specifically geared to help all students in NEISD benefit from a curriculum that encourages healthy lifestyle choices. The course develops a structural environment in which students will enhance their total well-being and gain knowledge and skills to make healthy lifestyle choices for a lifetime. Students will have the opportunity to experience the joy of movement and to discover for themselves its value as a part of their everyday lives. Personal fitness, mental and physical health issues, the human body and the functions of the systems, drug abuse, diseases, pollution, nutrition, human sexuality, and abstinence education are among the many topics that are fundamental to this course.						
Course Number	7107	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:	Mixed gender setting; must be accompanied by Healthy Lifestyles II to get full credit. Successful completion of this course yields .5 PE credit.						

Course:	<b>HEALTHY LIFESTYLES II</b>						
Course Description:	This course is specifically geared to help all students in NEISD benefit from a curriculum that encourages healthy lifestyle choices. The course develops a structural environment in which students will enhance their total well-being and gain knowledge and skills to make healthy lifestyle choices for a lifetime. Students will have the opportunity to experience the joy of movement and to discover for themselves its value as a part of their everyday lives. Personal fitness, mental and physical health issues, the human body and the functions of the systems, drug abuse, diseases, pollution, nutrition, human sexuality, and abstinence education are among the many topics that are fundamental to this course.						
Course Number	<b>7108</b>	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Healthy Lifestyles I						
Special Notes:	Mixed gender setting: must be accompanied by Healthy Lifestyles I to get full credit. Successful completion of this course yields .5 Health credit.						

## Journalism

Course:	<b>ADVANCED JOURNALISM - NEWSPAPER I</b>						
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	<b>1743</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							

Course:	<b>ADVANCED JOURNALISM - NEWSPAPER II</b>						
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	<b>1744</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Teacher Approval and prior journalism experience.						
Special Notes:							

Course:	<b>ADVANCED JOURNALISM - NEWSPAPER III</b>						
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	<b>1745</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Teacher Approval and prior journalism experience						
Special Notes:							

Course:	<b>ADVANCED JOURNALISM - YEARBOOK PRODUCTION I</b>						
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	<b>1746</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Teacher Approval and prior journalism experience						
Special Notes:							

Course:	<b>ADVANCED JOURNALISM - YEARBOOK PRODUCTION II</b>						
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	<b>1747</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Teacher Approval and prior journalism experience						
Special Notes:							

<b>Course: ADVANCED JOURNALISM - YEARBOOK PRODUCTION III</b>							
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:							
<b>Course: BROADCAST JOURNALISM I</b>							
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:							
<b>Course: BROADCAST JOURNALISM II</b>							
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:							
<b>Course: BROADCAST JOURNALISM III</b>							
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:							
<b>Course: INDEPENDENT STUDY IN JOURNALISM</b>							
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:							
<b>Course: INDEPENDENT STUDY IN JOURNALISM</b>							
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:							
<b>Course: JOURNALISM I</b>							
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:							

<b>Course:</b>	<b>PHOTOJOURNALISM</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>1720</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	10 - 12
<b>Prerequisites:</b>	None						
<b>Special Notes:</b>							

## Mathematics

<b>Course:</b>	<b>ADVANCED QUANTITATIVE REASONING</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>2610</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11 - 12
<b>Prerequisites:</b>	State Required: Algebra II, Geometry						
<b>Special Notes:</b>	This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Plans.						

<b>Course:</b>	<b>ALGEBRA I</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>2313</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	9
<b>Prerequisites:</b>	State Required: Math 8 or its equivalent						
<b>Special Notes:</b>	This course is required under all graduation plans.						

<b>Course:</b>	<b>ALGEBRA I RESOURCE</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>2315</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	9 - 12
<b>Prerequisites:</b>	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
<b>Special Notes:</b>							

<b>Course:</b>	<b>ALGEBRA II</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>2323</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11
<b>Prerequisites:</b>	State Required: Algebra I; NEISD Recommended: Algebra I and Geometry						
<b>Special Notes:</b>	This course may count as a fourth-year math and is required for Distinguished Level of Achievement (DLoA).						

<b>Course:</b>	<b>ALGEBRA II G/T HONORS</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>2325</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	9 - 10
<b>Prerequisites:</b>	State Required: Algebra I and Qualification for the District's Math Gifted/Talented Program NEISD Recommended: Algebra I and Geometry						
<b>Special Notes:</b>							

<b>Course: ALGEBRA II HONORS</b>							
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:	10 - 11
Prerequisites:	State Required: Algebra I; NEISD Recommended: Algebra I and Geometry						
Special Notes:							
<b>Course: ALGEBRAIC REASONING</b>							
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.						
<b>Course: ALGEBRAIC REASONING RESOURCE</b>							
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:							
<b>Course: AP CALCULUS AB</b>							
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.						
<b>Course: AP CALCULUS BC</b>							
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 antidifferentiation, 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:	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.						
<b>Course: AP STATISTICS</b>							
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:	11 - 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.						

<b>Course: COLLEGE ALGEBRA</b>							
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.							
<b>Course Number</b>	<b>2330</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: State Required: Algebra I; NEISD Recommended: Algebra II							
Special Notes: This course may count as a fourth-year math credit on the Foundation, Recommended and Distinguished Graduation Plans.							
<b>Course: COLLEGE ALGEBRA - DUAL CREDIT</b>							
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.							
<b>Course Number</b>	<b>2326</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 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.							
<b>Course: COLLEGE ALGEBRA ONRAMPS</b>							
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.							
<b>Course Number</b>	<b>2327</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 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.							
<b>Course: GEOMETRY</b>							
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.							
<b>Course Number</b>	<b>2413</b>	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.							
<b>Course: GEOMETRY G/T HONORS</b>							
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.							
<b>Course Number</b>	<b>2415</b>	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:							
<b>Course: GEOMETRY HONORS</b>							
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.							
<b>Course Number</b>	<b>2414</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites: State Required: Algebra I							
Special Notes:							

<b>Course: GEOMETRY RESOURCE</b>							
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.							
<b>Course Number</b>	<b>2421</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: INDEPENDENT STUDY - DIFFERENTIAL EQUATIONS</b>							
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.							
<b>Course Number</b>	<b>2721</b>	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.							
<b>Course: INDEPENDENT STUDY - HISTORY OF MATH</b>							
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.							
<b>Course Number</b>	<b>2954</b>	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.							
<b>Course: INDEPENDENT STUDY - NUMBER THEORY</b>							
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.							
<b>Course Number</b>	<b>2951</b>	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.							
<b>Course: INDIVIDUAL STUDIES: CIRCUITS - INTRO TO ELECTRICAL ENGINEERING</b>							
Course Description: This course consists of the nature of electricity, Ohm's Law, direct-current circuits, alternating current circuits, generators and motors, and transformers. Students will learn the fundamentals of electricity and how to solve problems of DC and AC circuits, DC and AC generators and motors and single and three-phase systems. The students will explore each of these areas and the associated mathematics in detail to develop their problem-solving skills.							
<b>Course Number</b>	<b>2964</b>	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites: Geometry, Algebra II or approval of teacher							
Special Notes:							
<b>Course: INDIVIDUAL STUDIES: DYNAMICS - ENGINEERING MECHANICS II</b>							
Course Description: This course is the application of linear algebra and Euclidean geometry to the solution of physical laws concerning force and motion, work, power and mechanics. It is the study of the dynamics portion of engineering mechanics and includes both a research and a design component. The origin and various uses of linear algebra are stressed using problems concerning the motion of rigid bodies.							
<b>Course Number</b>	<b>2963</b>	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites: NEISD Recommended: Geometry and Algebra II							
Special Notes:							
<b>Course: INDIVIDUAL STUDIES: STATICS - ENGINEERING MECHANICS I</b>							
Course Description: In this course students will explore engineering mechanics, which is fundamental to all engineering fields. The course consists of force and position vectors, equivalent force systems, equilibrium of a rigid body, structural analysis, internal forces and friction. The students will explore each of these areas and the associated mathematics in detail to develop their problem-solving skills							
<b>Course Number</b>	<b>2600</b>	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 11
Prerequisites: NEISD Recommended: Geometry and Algebra II							
Special Notes:							

<b>Course: MATH MODELS RESOURCE</b>							
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:							
<b>Course: MATH TRANSITIONS</b>							
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:	11 - 12
Prerequisites:	Algebra I, Geometry, and an Advanced Mathematics credit						
Special Notes:	This course may count as a fourth-year math credit on the Foundation Graduation Plan only.						
<b>Course: MATHEMATICAL MODELS WITH APPLICATIONS</b>							
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.						
<b>Course: MULTIVARIABLE CALCULUS</b>							
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.						
<b>Course: PRECALCULUS</b>							
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.						
<b>Course: PRECALCULUS G/T HONORS</b>							
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	2720	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Algebra I, Geometry, and Algebra II						
Special Notes:							

<b>Course: PRECALCULUS HONORS</b>							
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. Students use a variety of representations, tools, and technology to model functions and equations to solve problems. This course will rigorously emphasize fundamentals of higher mathematics including a study of polynomial, rational, exponential, logarithmic and trigonometric functions, inverse and second-degree relations and their graphs, polar coordinates, vectors, sequences, and series. 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.						
Course Number	2719	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.						
<b>Course: PRECALCULUS (ONRAMPS)</b>							
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:	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.						
<b>Course: STAAR SUCCESS IN MATH</b>							
Course Description:	This course covers the algebra, geometry, probability, statistics and proportional reasoning concepts and problem-solving skills that students need to master in order to pass the Exit Level of the Math STAAR. Instruction will be designed to meet the learning needs of each individual student.						
Course Number	1004	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:							
Special Notes:	Does not count as a mathematics credit.						
<b>Course: STAAR SUCCESS IN MATH</b>							
Course Description:	This course covers the algebra, geometry, probability, statistics and proportional reasoning concepts and problem-solving skills that students need to master in order to pass the Exit Level of the Math STAAR. Instruction will be designed to meet the learning needs of each individual student.						
Course Number	1005	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:							
Special Notes:	Does not count as a mathematics credit.						
<b>Course: STATISTICS</b>							
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:							
<b>Course: STRATEGIC MATH APPLIED SKILLS</b>							
Course Description:	Strategic Math Applied Skills 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:	Eligible student receiving Special Education services; ARD/IEP Committee determination						
Special Notes:							

Course:	<b>UIL ACADEMIC MATH</b>						
Course Description:	This course prepares students to compete in UIL competition at the district, regional and state levels.						
Course Number	<b>2961</b>	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							

Course:	<b>UIL ACADEMIC MATH</b>						
Course Description:	This course prepares students to compete in UIL competition at the district, regional and state levels.						
Course Number	<b>2962</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:							

### Other Electives

Course:	<b>AVID I</b>						
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	<b>1030</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9
Prerequisites:	This course requires an application and selection process.						
Special Notes:	See your counselor if interested in participating in the selection process for this program.						

Course:	<b>AVID II</b>						
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	<b>1031</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites:	This course requires an application and selection process.						
Special Notes:	See your counselor if interested in participating in the selection process for this program.						

Course:	<b>AVID III</b>						
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	<b>1032</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites:	This course requires an application and selection process.						
Special Notes:	See your counselor if interested in participating in the selection process for this program.						

Course:	<b>AVID IV</b>						
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	<b>1033</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	This course requires an application and selection process.						
Special Notes:	See your counselor if interested in participating in the selection process for this program.						

<b>Course: EXERCISE PHYSIOLOGY</b>							
Course Description: Students will explore the world of strength and conditioning by gaining knowledge and skills to properly design a program for themselves and other populations as they move through life. Nutrition, dietary supplements, energy systems, exercise physiology, biomechanics and safety are examples of units students will experience during this course. By the end of the course, students will improve their fitness levels, develop a three-month plan, and intern at a campus fitness center. This course will also provide students a solid foundation to pursue the entry-level certification as a personal trainer.							
<b>Course Number</b>	<b>7214</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Instructor approval; Successful completion of Biology							
Special Notes: Students are encouraged to enroll in or successfully complete Anatomy and Physiology.							

<b>Course: GT INTERDISCIPLINARY STUDIES I</b>							
Course Description: GT Interdisciplinary Studies I is a year-long GT elective class open to all 9th and 10th grade students currently identified in the North East ISD Gifted and Talented program. 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 on-line portfolio of their high school work and activities.							
<b>Course Number</b>	<b>4251</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 10
Prerequisites:							
Special Notes:							

<b>Course: GT INTERDISCIPLINARY STUDIES II</b>							
Course Description: GT Interdisciplinary Studies II is a year-long GT elective class open to all 10th or 11th grade students currently identified in the North East ISD Gifted and Talented program. 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.							
<b>Course Number</b>	<b>4252</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 11
Prerequisites: Recommended: GT Interdisciplinary Studies I							
Special Notes:							

<b>Course: PEER ASSISTANCE FOR STUDENTS WITH DISABILITIES I</b>							
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							
<b>Course Number</b>	<b>7642</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:							
Special Notes:							

<b>Course: PEER ASSISTANCE FOR STUDENTS WITH DISABILITIES II</b>							
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.							
<b>Course Number</b>	<b>7643</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:							
Special Notes:							

<b>Course: SAT PREP</b>							
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:							
<b>Course: SENIOR EARLY RELEASE CLASS</b>							
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:	Semester	Grade Placement:	12
Prerequisites:	Pass exit STAAR exams and have credits to graduate on time.						
Special Notes:	Period 1						
<b>Course: SENIOR EARLY RELEASE CLASS</b>							
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	7916	Credits:	0.0	Term:	Semester	Grade Placement:	12
Prerequisites:	Pass exit STAAR exams and have credits to graduate on time.						
Special Notes:	Period 6						
<b>Course: SENIOR EARLY RELEASE CLASS</b>							
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:	Semester	Grade Placement:	12
Prerequisites:	Pass exit STAAR exams and have credits to graduate on time.						
Special Notes:	Period 7						
<b>Course: SENIOR EARLY RELEASE CLASS</b>							
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:	Semester	Grade Placement:	12
Prerequisites:	Pass exit STAAR exams and have credits to graduate on time.						
Special Notes:	Period 8						
<b>Course: SPORTS MEDICINE I</b>							
Course Description:	This course is designed to prepare students in the science of injury prevention, treatment, and rehabilitation related to sport injuries. Students will receive hands-on experience with evaluations of sport-related injuries, various taping and wrapping techniques, and rehabilitation, as well as the proper techniques and procedures for emergency situations.						
Course Number	7273	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Successful completion of Biology and Health or its equivalency. Teacher recommendation.						
Special Notes:							
<b>Course: SPORTS MEDICINE II</b>							
Course Description:	This course provides an in-depth study and application of the components of sports medicine including, but not limited to basic rehabilitative techniques; therapeutic modalities; wound care, taping and bandaging techniques; prevention, recognition, and care of musculoskeletal injuries; injuries to the young athlete; drugs in sports; and modern issues in sports medicine. Individualized and independent assignments will be included in this course.						
Course Number	7274	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Instructor Approval; Successful completion of Sports Medicine I						
Special Notes:							

Course:	<b>STUDENT AIDE</b>						
Course Description:	Students are assigned to work in an office or for a teacher.						
Course Number	<b>7634</b>	Credits:		Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Teacher Recommendation						
Special Notes:	See counselor						

Course:	<b>STUDENT AIDE</b>						
Course Description:	Students are assigned to work in an office or for a teacher.						
Course Number	<b>7635</b>	Credits:		Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Teacher Recommendation						
Special Notes:	See counselor						

### Other Electives - JROTC

Course:	<b>JUNIOR RESERVE OFFICER TRAINING CORPS - JROTC I</b>						
Course Description:	<p>A one-to-four year course designed to motivate young people to be better citizens through:</p> <ul style="list-style-type: none"> <li>-Strengthening their character through the teaching of values associated with service life.</li> <li>-Developing the ability to logically arrange thoughts and communicate effectively, orally and in writing.</li> <li>-Developing the basic life skills necessary to work effectively as a team member.</li> <li>-Developing their leadership potential.</li> <li>-Promoting and understanding the historical role of the citizen soldier in a democratic society.</li> <li>-Developing an appreciation of the values of physical and mental fitness.</li> <li>-Developing informed and responsible citizens.</li> <li>-Acquainting them with modern Armed Forces technology</li> </ul> <p>Grade: The student must be in a grade above the eighth grade during the school year of enrollment.</p> <p>Physical ability: The student must be able to participate in the physical education program in the school. Participation in an integrated curricular activity is encouraged.</p> <p>Hair grooming standards: All male students will have tapered haircuts and no earrings when in uniform; female students in uniform must wear hair that does not fall over the eyebrows or extend below the bottom edge of the collar. Long hair that falls naturally below the bottom edge of the collar, to include braids, will be neatly and inconspicuously fastened or pinned, so no free- hanging hair is visible.</p> <p>Must agree to appropriately wear the service uniform once a week.</p>						
Course Number	<b>7501</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	See requirements in description.						
Special Notes:							

Course:	<b>JUNIOR RESERVE OFFICER TRAINING CORPS - JROTC II</b>						
Course Description:	<p>A one-to-four year course designed to motivate young people to be better citizens through:</p> <ul style="list-style-type: none"> <li>-Strengthening their character through the teaching of values associated with service life.</li> <li>-Developing the ability to logically arrange thoughts and communicate effectively, orally and in writing.</li> <li>-Developing the basic life skills necessary to work effectively as a team member.</li> <li>-Developing their leadership potential.</li> <li>-Promoting and understanding the historical role of the citizen soldier in a democratic society.</li> <li>-Developing an appreciation of the values of physical and mental fitness.</li> <li>-Developing informed and responsible citizens.</li> <li>-Acquainting them with modern Armed Forces technology.</li> <li>-Developing in-depth knowledge of world geography and appreciation for human diversity.</li> </ul>						
Course Number	<b>7502</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	See requirements in description.						
Special Notes:							

<b>Course: JUNIOR RESERVE OFFICER TRAINING CORPS - JROTC III</b>							
<b>Course Description:</b> A one-to-four year course designed to motivate young people to be better citizens through:							
<ul style="list-style-type: none"> <li>-Strengthening their character through the teaching of values associated with service life.</li> <li>-Developing the ability to logically arrange thoughts and communicate effectively, orally and in writing.</li> <li>-Developing the basic life skills necessary to work effectively as a team member.</li> <li>-Developing their leadership potential and interpersonal relationship skills.</li> <li>-Developing an appreciation of the values of physical and mental fitness.</li> <li>-Developing informed and responsible citizens through planning and execution of community service projects.</li> <li>-Acquainting them with modern Armed Forces technology.</li> <li>-Participating in integrated curricular activities.</li> <li>-Developing post-secondary life and career plans.</li> </ul>							
<b>Course Number</b>	<b>7503</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	9 - 12
<b>Prerequisites:</b>	See requirements in description.						
<b>Special Notes:</b>							

<b>Course: JUNIOR RESERVE OFFICER TRAINING CORPS - JROTC IV</b>							
<b>Course Description:</b> A one-to-four year course designed to motivate young people to be better citizens through:							
<ul style="list-style-type: none"> <li>-Strengthening their character through the application of values and life skills.</li> <li>-Developing the ability to logically arrange thoughts and communicate effectively, orally and in writing.</li> <li>-Developing the basic life skills necessary to work effectively as a team member.</li> <li>-Applying their leadership principles and planning skills.</li> <li>-Developing an appreciation of the values of physical and mental fitness.</li> <li>-Applying the principles of responsible citizenship.</li> <li>-Acquainting them with modern Armed Forces technology.</li> </ul>							
<b>Course Number</b>	<b>7504</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	9 - 12
<b>Prerequisites:</b>	See requirements in description.						
<b>Special Notes:</b>							

<b>Course: JUNIOR RESERVE OFFICER TRAINING CORPS - JROTC STAFF</b>							
<b>Course Description:</b> These students assist the commanders with ROTC organizational duties and application of the principles of leadership.							
<b>Course Number</b>	<b>7506</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11 - 12
<b>Prerequisites:</b>	ROTC Commander recommendation.						
<b>Special Notes:</b>							

<b>Course: JUNIOR RESERVE OFFICER TRAINING CORPS - RIFLE/DRILL</b>							
<b>Course Description:</b> A one-to-four year course designed to assist students in becoming more accomplished in skills required for JROTC integrated curricular competition events (Drill Team, Color Guard, Marksmanship, Orienteering, and Raider Skills) through:							
<ul style="list-style-type: none"> <li>-Developing techniques and skills to become highly competitive in one of the JROTC integrated curricular events.</li> <li>-Developing leadership and instructional techniques to assist in coaching other team members.</li> <li>-Designing training programs to accomplish the desired proficiency in the JROTC integrated curricular events.</li> </ul>							
<b>Course Number</b>	<b>7505</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	9 - 12
<b>Prerequisites:</b>	Must be formally enrolled in Junior Reserve Officers Training Corps program (NEISD No. 7501, 7502, 7503, 7504) and SAI approval						
<b>Special Notes:</b>							

### Other Electives - Peer Assistance Leadership and Service

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

Course:	<b>PEER ASSISTANCE LEADERSHIP AND SERVICE I (PALS)</b>						
Course Description:	The Peer Assistance Leadership and Service (PALS) course is for selected high school students who are trained in community service, conflict resolution, and as peer helpers to work with other students either on their own and/or feeder middle or elementary schools.						
Course Number	7620	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Selection Process, Teacher Recommendation						
Special Notes:							

Course:	<b>PEER TUTORING FOR STUDENTS WITH DISABILITIES</b>						
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:	<b>PEER TUTORING FOR STUDENTS WITH DISABILITIES</b>						
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:	<b>STUDENT COUNCIL</b>						
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:	<b>STUDENT GOVERNMENT LEADERSHIP I</b>						
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:	<b>DYNAMIC CARDIO FITNESS</b>						
Course Description:	Students enrolled in this course will experience innovative ways to increase cardiovascular endurance, muscular strength, and flexibility. Spinning, rock climbing, circuit training, Zumba, and core stability are just a few of the activities you will experience in this course. The focus is on personal fitness goals and achievement.						
Course Number	7209	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Recommended: Fitness Basics						
Special Notes:	This course may be taken for elective credit once the physical education requirement is met.						

<b>Course:</b>	<b>FITNESS BASICS</b>						
<b>Course Description:</b>	This course is a combined classroom and activity course. Students enrolled in this course will have the opportunity to participate in a number of fitness activities such as weigh training, jogging, and fitness walking. These activities will enhance the student's total well-being and appreciation for healthy living when combined with understanding.						
<b>Course Number</b>	<b>7207</b>	<b>Credits:</b>	0.5	<b>Term:</b>	Semester	<b>Grade Placement:</b>	9 - 12
<b>Prerequisites:</b>							
<b>Special Notes:</b>	This course may be taken for elective credit once the physical education requirement is met.						

<b>Course:</b>	<b>INDIVIDUAL RECREATIONAL ACTIVITIES</b>						
<b>Course Description:</b>	Students enrolled in this course will experience a variety of activities that focus on individual participation and lifetime recreational activities rather than traditional sports. Examples of activities are pickleball, Sholf, tennis, juggling, cycling, Speedminton, badminton, and Birdie Golf.						
<b>Course Number</b>	<b>7211</b>	<b>Credits:</b>	0.5	<b>Term:</b>	Semester	<b>Grade Placement:</b>	9 - 12
<b>Prerequisites:</b>	Recommended: Fitness Basics						
<b>Special Notes:</b>	This course may be taken for elective credit once the physical education requirement is met.						

<b>Course:</b>	<b>OUTDOOR ADVENTURES</b>						
<b>Course Description:</b>	Students enrolled in this course will develop competency in outdoor education activities such as backpacking, hiking, camping, fishing, outdoor cooking, and orienteering. Emphasis of the course is placed on students participating in activities that promote a respect for the environment and that can be enjoyed for a lifetime.						
<b>Course Number</b>	<b>7208</b>	<b>Credits:</b>	0.5	<b>Term:</b>	Semester	<b>Grade Placement:</b>	9 - 12
<b>Prerequisites:</b>	Recommended: Fitness Basics						
<b>Special Notes:</b>	This course may be taken for elective credit once the physical education requirement is met.						

<b>Course:</b>	<b>TEAM RECREATIONAL ACTIVITIES</b>						
<b>Course Description:</b>	Students enrolled in this course will experience traditional and non-traditional recreational team activities such as kickball, softball, floor hockey, volleyball, soccer, flag football, Ultimate Frisbee, Sabakiball, Tchoukball, basketball and Team Handball. Team participation and individual fitness are key outcomes for this course.						
<b>Course Number</b>	<b>7222</b>	<b>Credits:</b>	0.5	<b>Term:</b>	Semester	<b>Grade Placement:</b>	9 - 12
<b>Prerequisites:</b>	Recommended: Fitness Basics						
<b>Special Notes:</b>	This course may be taken for elective credit once the physical education requirement is met.						

## Reading

<b>Course:</b>	<b>ACADEMIC LITERACY I</b>						
<b>Course Description:</b>	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 that cross the content areas.						
<b>Course Number</b>	<b>1641</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	9 - 10
<b>Prerequisites:</b>	Referral by parent, teacher, or counselor						
<b>Special Notes:</b>							

<b>Course:</b>	<b>ACADEMIC LITERACY II</b>						
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>1642</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	10 - 11
<b>Prerequisites:</b>	Academic Literacy I plus referral by parent, teacher or counselor						
<b>Special Notes:</b>							

<b>Course: ACADEMIC LITERACY III</b>							
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						
Special Notes:							

<b>Course: READING RESOURCE I</b>							
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:							

<b>Course: READING RESOURCE II</b>							
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:							

<b>Course: READING RESOURCE III</b>							
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

<b>Course: AP BIOLOGY</b>							
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.						

<b>Course: AP CHEMISTRY</b>							
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.						

<b>Course: AP ENVIRONMENTAL SCIENCE</b>							
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.						
<b>Course: AP PHYSICS 1 (ALGEBRA BASED)</b>							
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.						
<b>Course: AP PHYSICS 1 (ONRAMPS)</b>							
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.						
<b>Course: AP PHYSICS 2 (ALGEBRA BASED)</b>							
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.						
<b>Course: AP PHYSICS 2 (ONRAMPS)</b>							
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.						

<b>Course: AP PHYSICS C: MECHANICS</b>							
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.						
<b>Course: AQUATIC SCIENCE</b>							
Course Description:	Aquatic science is the study of the interaction between the physical, biological and chemical components of the aquatic environment, including the adaptations of the organisms that live there. This study includes oceanic and fresh water ecosystems with particular emphasis on Texas aquatic environments; the role of cycles within aquatic environments; interrelationships among aquatic species, their habitats, and ecosystems; and the geological phenomena and fluid dynamics of aquatic environments. Student investigations emphasize accurate observations, collection of data, data analysis and the safe manipulation of scientific apparatus and materials during field and laboratory investigations.						
Course Number	3652	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	State Required: Biology NEISD Recommended - Chemistry or concurrent enrollment.						
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.						
<b>Course: ASTRONOMY</b>							
Course Description:	Astronomy is the study of the position, motion, composition, structure and history of objects in the universe and the physical laws that govern them. Topics include scientific theories of the evolution of the universe; characteristics and the life cycle of stars; exploration of the universe; role of the Sun in our Solar System; planets; and the orientation and placement of the Earth. Student investigations emphasize accurate observations, collection of data, data analysis and the safe manipulation of scientific apparatus and materials during field and laboratory investigations.						
Course Number	3650	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	NEISD Recommended - 2 science credits, including Biology and IPC or Chemistry or Physics						
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.						
<b>Course: BIOLOGY</b>							
Course Description:	This course is a study of the fundamentals of biological science. Students in biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment. Student investigations emphasize accurate observations, collection of data, data analysis and the safe manipulation of scientific apparatus and materials during field and laboratory investigations.						
Course Number	3223	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 11
Prerequisites:	None						
Special Notes:							
<b>Course: BIOLOGY HONORS</b>							
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:							
<b>Course: CHEMISTRY</b>							
Course Description:	This course is designed to introduce students to chemistry at the TEKS level and includes abstract and quantitative aspects of chemistry. Technology is incorporated as appropriate to support the study of specific topics. Chemistry is the study of the structure, composition and behavior of matter. Students study a variety of topics that include: characteristics of matter; energy transformations during physical and chemical changes; atomic structure; periodic table of elements; behavior of gases; bonding; nuclear fusion and nuclear fission; chemical equations; properties of solutions; acids and bases; and chemical reactions. Student investigations emphasize accurate observations, collection of data, data analysis and the safe manipulation of scientific apparatus and materials during field and laboratory investigations.						
Course Number	3323	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	State Required: 1 Science credit and Algebra I NEISD Recommended: Completion or concurrent enrollment in second year of math						
Special Notes:	This course may count as a Laboratory Science or as an Advanced Science on Foundation and Endorsement Graduation Plans.						

<b>Course: CHEMISTRY HONORS</b>							
Course Description:	This course extends and deepens the topics covered in Chemistry and includes a strong emphasis on laboratory investigations and may include research activities in preparation for Advanced Placement Chemistry.						
Course Number	3333	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	State Required: 1 science credit and Algebra I NEISD Recommended: Biology and completion of or concurrent enrollment in Algebra II						
Special Notes:	This course may count as a Laboratory Science or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
<b>Course: EARTH AND SPACE SCIENCE</b>							
Course Description:	A science elective course designed to build on prior scientific knowledge and skills to develop understanding of earth's systems in space and time.						
Course Number	3330	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	State Required: 3 units of Science, one may be taken concurrently and 3 units of Mathematics, one may be taken concurrently						
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.						
<b>Course: ENVIRONMENTAL SYSTEMS</b>							
Course Description:	This course is designed to enable a better understanding of man's impact on our surroundings and the environmental needs of the future. 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; relationships between carrying capacity and changes in populations and ecosystems. Lab work, multimedia, computer simulations, and laboratory and field investigations are important components of this course.						
Course Number	3656	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	NEISD Recommended: 2 science credits, including Biology and IPC or Chemistry or Physics						
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.						
<b>Course: INTEGRATED PHYSICS &amp; CHEMISTRY (IPC)</b>							
Course Description:	This course integrates the disciplines of physics and chemistry at the introductory level. Topics studied include force and motion; waves; energy transformations; properties of matter; changes in matter and solution chemistry. Students conduct field and laboratory investigations, use scientific methods during investigations and make informed decisions using critical thinking and scientific problem solving. This course is not recommended for students who have successfully completed chemistry or physics.						
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.						
<b>Course: ORGANIC CHEMISTRY</b>							
Course Description:	Organic chemistry is the study of carbon based compounds. In this course you will learn about the basic structure, naming, functions, and reactions of various classes of organic compounds. This course will review the importance of bonding and focus on alkanes and cycloalkanes, alkenes and alkynes, aromatic compounds, halogen compounds, etc. We will also focus on the development of specific organic laboratory skills such as determining melting and boiling points and separation techniques. Throughout the course you will develop skills in critical thinking, analysis of consumer products, and learning proper and safe laboratory techniques.						
Course Number	3328	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	NEISD Recommended: Successful completion of Biology and Chemistry						
Special Notes:	This course will count as an elective credit.						
<b>Course: ORGANIC CHEMISTRY</b>							
Course Description:	Organic chemistry is the study of carbon-based compounds. In this course you will learn about the basic structure, naming, functions, and reactions of various classes of organic compounds. This course will review the importance of bonding and focus on alkanes and cycloalkanes, alkenes and alkynes, aromatic compounds, halogen compounds, etc. We will also focus on the development of specific organic laboratory skills such as determining melting and boiling points and separation techniques. Throughout the course you will develop skills in critical thinking, analysis of consumer products, and learning proper and safe laboratory techniques.						
Course Number	3318	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	NEISD Recommended: Successful completion of Biology and Chemistry						
Special Notes:	This course will count as an elective credit.						

<b>Course: PHYSICS</b>							
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; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical-thinking skills.						
Course Number	3423	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	State Required: Algebra I is suggested as a prerequisite or corequisite						
Special Notes:	This course may count as a Laboratory Science course or an Advanced Science course on Foundation and Endorsement Graduation Plans.						
<b>Course: PHYSICS HONORS</b>							
Course Description:	This course extends and deepens the topics covered in physics and includes a strong emphasis on field and laboratory investigations. In addition, this course includes problem solving with a focus on advanced mathematical applications and may include research activities in preparation for Physics AP.						
Course Number	3433	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	NEISD Recommended: Completion of or concurrent enrollment in Algebra I						
Special Notes:	This course may count as a Laboratory Science or as an Advanced Science on Foundation and Endorsement Graduation Plans.						
<b>Course: SCIENCE AND TECHNOLOGY</b>							
Course Description:	Science and Technology (SciTech) is a high-level, hands-on science and engineering course. Through self and peer evaluation, SciTech requires students to interact verbally, in writing, and through improving the performance of devices.						
Course Number	3909	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	None						
Special Notes:	This course may count as an Advanced Science on Foundation and Endorsement Graduation Plans.						
<b>Course: STAAR PREP SCIENCE</b>							
Course Description:	This course is designed to prepare students for successful completion of the STAAR End of Course examinations in science. The STAAR EOC objectives are re-taught using a variety of instructional methods to include classroom instruction and computer-based instruction. Instruction will be designed to meet the needs of each individual student.						
Course Number	1106	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Counselor Recommendation						
Special Notes:							
<b>Course: STAAR SUCCESS IN SCIENCE</b>							
Course Description:	This course is designed for students who are in need of improving content and process knowledge in biology, chemistry and physics in preparation for the Biology EOC. This laboratory-based course will provide opportunities for students to deepen their understanding of fundamental science concepts by engaging in extended laboratory investigations. Investigations are framed in the context of real-world applications of scientific concepts.						
Course Number	1006	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Counselor Recommendation						
Special Notes:	This course will NOT count toward state graduation requirements.						
<b>Course: STAAR SUCCESS IN SCIENCE</b>							
Course Description:	This course is designed for students who are in need of improving content and process knowledge in Biology, Chemistry and Physics in preparation for the Biology EOC. This laboratory-based course will provide opportunities for students to deepen their understanding of fundamental science concepts by engaging in extended laboratory investigations. Investigations are framed in the context of real world applications of scientific concepts.						
Course Number	1007	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Counselor Recommendation						
Special Notes:	This course will NOT count toward state graduation requirements.						

## Social Studies

<b>Course: ADVANCED SOCIAL STUDIES: MODEL UN</b>							
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>4835</b>	<b>Credits:</b>	<b>0.5</b>	<b>Term:</b>	<b>Semester</b>	<b>Grade Placement:</b>	<b>12</b>
<b>Prerequisites:</b>							
<b>Special Notes:</b>	A summer reading program may be required.						

<b>Course: ADVANCED SOCIAL STUDIES: MODEL UN II</b>							
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>4850</b>	<b>Credits:</b>	<b>1.0</b>	<b>Term:</b>	<b>Full Year</b>	<b>Grade Placement:</b>	<b>10 - 12</b>
<b>Prerequisites:</b>	None						
<b>Special Notes:</b>	A summer reading program may be required.						

<b>Course: ADVANCED SOCIAL STUDIES: MODEL UN III</b>							
<b>Course Description:</b>	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.						
<b>Course Number</b>	<b>4851</b>	<b>Credits:</b>	<b>1.0</b>	<b>Term:</b>	<b>Full Year</b>	<b>Grade Placement:</b>	<b>11 - 12</b>
<b>Prerequisites:</b>	None						
<b>Special Notes:</b>	A summer reading program may be required.						

<b>Course: ADVANCED SOCIOLOGY</b>							
<b>Course Description:</b>	An advanced level sociology course in which topics change according to current and relevant issues. The course studies sociology as a discipline within the Social Studies framework. Current events are an integral part of the course, along with the definition, theory and interpretation of social problems.						
<b>Course Number</b>	<b>4832</b>	<b>Credits:</b>	<b>0.5</b>	<b>Term:</b>	<b>Semester</b>	<b>Grade Placement:</b>	<b>11 - 12</b>
<b>Prerequisites:</b>	Sociology						
<b>Special Notes:</b>							

<b>Course: ANTHROPOLOGY</b>							
<b>Course Description:</b>	A survey of physical and cultural human development. In a seminar setting, the course will introduce the student to the four major branches of Anthropology: physical, social (cultural), linguistics and archaeology.						
<b>Course Number</b>	<b>4828</b>	<b>Credits:</b>	<b>0.5</b>	<b>Term:</b>	<b>Semester</b>	<b>Grade Placement:</b>	<b>10 - 12</b>
<b>Prerequisites:</b>	Recommended: World Geography						
<b>Special Notes:</b>	Please be advised that the theory of human evolution will be discussed in this course.						

<b>Course: AP COMPARATIVE GOVERNMENT</b>							
Course Description:	This is a first-year college level course in Comparative Government. Comparative government and politics provide students with the conceptual tools necessary to develop an understanding of some of the world's diverse political structures and practices. This course will encompass the study of selected countries and their governments and general concepts used to interpret the political relationships and institutions found in virtually all national politics. The countries of Great Britain, France, China, Russia and a fifth developing country, such as India, Mexico, or Nigeria are covered in this college-level introductory comparative political course. Topics included in this course are the sources of public authority and political power, the relationship between state and society, the relationship between citizens and states, political institutions and frameworks, political change and the comparative method. It is recommended that a student first successfully complete US Government AP before enrolling in this course.						
Course Number	4826	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Recommended - At least two credits in Social Studies.						
Special Notes:	A summer reading program may be required.						
<b>Course: AP EUROPEAN HISTORY</b>							
Course Description:	This is a first-year college level course in European History. It is designed to teach students the analytical skills and factual knowledge necessary to deal critically with the problems and materials in European History. Students will learn to assess historical materials - their reliability, and the importance - and to weigh the evidence and interpretations presented in historical scholarship. Students will be expected to demonstrate individual initiative continually through independent research and an ability to analyze their findings in writing. Students are encouraged to take the Advanced Placement Examination in European History given in May of each year.						
Course Number	4221	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: World Geography, World History						
Special Notes:	This course does not fulfill the World History graduation requirement.						
<b>Course: AP HUMAN GEOGRAPHY</b>							
Course Description:	This is a first-year college level course in Geography. An introduction to the systematic study of patterns and processes that have shaped human understanding, and the use and alteration of earth's surface. Students employ spatial concept and landscape analysis to examine human social organization and its environmental consequences.						
Course Number	4123	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:							
Special Notes:	This course satisfies the World Geography credit needed for graduation.						
<b>Course: AP MACRO ECONOMICS</b>							
Course Description:	This is a first-year college level course in Economics. Macro-Economics is intended to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price determination and will also develop the students' familiarity with economic performance measures, economic growth and international economics. It is recommended that a student first successfully complete either Economics or Microeconomics AP before enrolling in this course.						
Course Number	4811	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Recommended: At least two credits in Social Studies						
Special Notes:	A summer reading program may be required. This course counts for economics graduation credit.						
<b>Course: AP MICRO ECONOMICS</b>							
Course Description:	This is an introductory college course in Economics. This course is intended to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of the product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy.						
Course Number	4812	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites:	Recommended: At least two credits in Social Studies						
Special Notes:	A summer reading program may be required. This course counts for economics graduation credit.						
<b>Course: AP PSYCHOLOGY</b>							
Course Description:	This is an introductory college course in psychology, providing students with a learning experience commensurate with a college introductory course. This course will introduce students to the systemic and scientific study of behavior and mental processes of human beings and animals. They will be exposed to major sub fields within psychological pedagogy. This course is ideally suited for those students planning a major in Liberal Arts at the college level, or for those who are seeking advance standing in college studies through the passage of the Advanced Placement Exam, or departmental testing programs. Students are encouraged to take the Advanced Placement Examination in May.						
Course Number	4829	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	Recommended: At least two Social Studies credits						
Special Notes:	A summer reading program may be required.						

<b>Course: AP SEMINAR</b>							
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:	10 - 12
Prerequisites: Model UN participation during the previous year (Reagan only)							
Special Notes: Offered only at STEM, MacArthur, Reagan, and Johnson							
<b>Course: AP US GOVERNMENT AND POLITICS</b>							
Course Description: This is a first-year college level course in American Government. The course is designed to examine, in depth, the foundations of the American political system through an extensive review of the nation's Constitution, its three branches of government, the policy making process of the government, the growth and development of political institutions and parties, the influence of the bureaucracy and media on policy making and a study of state and local government structures. Emphasis in the course will be placed on the development of research skills, the interpretation and analysis of primary and secondary documents and on writing of critical essays on political issues and problems. The course is ideally suited for those students planning to major in the Social Sciences or for those seeking advanced standing in college government should they desire to take the Advanced Placement Exam in government or to validate credit through other means. A strong writing background is pre-supposed as are good study habits and strong self-motivation. Students are encouraged to take the Advanced Placement Examination in May.							
Course Number	4350	Credits:	0.5	Term:	Semester	Grade Placement:	10 - 12
Prerequisites: Recommended: At least two credits in Social Studies							
Special Notes: NOTE: This course does satisfy U.S. Government credit for graduation.							
<b>Course: AP US HISTORY</b>							
Course Description: This is a college-level course that covers U.S. History from exploration to current times. 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. This course is ideally suited for those students planning to major in Liberal Arts at the college level or for those who are seeking advanced standing in college studies through the passage of the Advanced Placement Exam, CLEP or departmental testing programs. Students are encouraged to take the Advanced Placement Examination in May.							
Course Number	4115	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: Recommended: At least two credits in Social Studies							
Special Notes: This course does satisfy U.S. History credit for graduation							
<b>Course: AP WORLD HISTORY</b>							
Course Description: This is a first-year college level course in History. AP World History is designed to develop a greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. The course highlights the nature of changes in international frameworks and its cause and consequences, as well as comparisons among major societies. This course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. Focused primarily on the past thousand years of world history, the course builds on an understanding of cultural, instructional and technological precedents that, along with geography, set the human stage prior to 1000 C. E.							
Course Number	4215	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites: World Geography or AP Human Geography							
Special Notes:							
<b>Course: AREA STUDIES II</b>							
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:							
<b>Course: ECONOMICS: EMPHASIS ON THE FREE ENTERPRISE SYSTEM</b>							
Course Description: This course provides opportunities for students to study basic principles concerning production, consumption and distribution of goods and services. Content builds an understanding of the essential components and benefits of the free enterprise system. Students study such concepts as scarcity, economic interdependence, the market system, prices, economic stability and growth. Students examine the role of government in the American economic system and explore selected aspects of international economic systems. The course gives students insights into the techniques and tools used by economists in analyzing data. Students are also provided opportunities to acquire competencies and knowledge of practical economic functions including personal financial literacy.							
Course Number	4822	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites: Recommended: World Geography, World History							
Special Notes:							

<b>Course: ETHNIC STUDIES: AFRICAN AMERICAN STUDIES</b>							
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:	None						
Special Notes:							
<b>Course: ETHNIC STUDIES: MEXICAN AMERICAN STUDIES</b>							
Course Description:	In Ethnic Studies: Mexican American Studies, an elective course, students learn about the historical economic, political, scientific, and cultural contributions of Mexican Americans to the United States of America. Students explore history, economics, politics, and culture from an interdisciplinary perspective. The student applies critical-thinking skills to organize and use information acquired from a variety of sources to analyze contemporary Mexican American issues. This course emphasizes events in the 20 <sup>th</sup> and 21 <sup>st</sup> centuries, but students will also engage with events prior to the 20 <sup>th</sup> century.						
Course Number	4222	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	None						
Special Notes:							
<b>Course: GLOBAL LEADERSHIP</b>							
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						
<b>Course: MODERN EAST ASIA STUDIES</b>							
Course Description:	Modern East Asia Studies is a college-level course that covers developments in China, Japan, Korea and to a lesser extent, Central Asia and Indochina in the modern era. The course will begin with the end of the Mongol period and advance to present times. The objective will be for students to achieve an understanding of the cultural traditions and events that shape Asian responses to European Imperialism. The course will conclude with a view of the idea of the Twenty-First Century as the Pacific, Asian or Chinese Century. The course will use a college-level text along with a variety of print and non-print resources. Students will complete research projects and papers, write essays, and take tests. The rigor of the course and the quality of the work expected will be college-level.						
Course Number	4855	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Recommended: World Geography or AP Human Geography						
Special Notes:							
<b>Course: PERSONAL FINANCIAL LITERACY</b>							
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 post-secondary education and training. In this course students will learn how to apply for financial aide to help pay for college expenses.						
Course Number	4815	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:							
<b>Course: PSYCHOLOGY</b>							
Course Description:	The study of psychology is based on an historical framework that relies on effective collection and analysis of data. Students study such topics as theories of human development, personality, motivation and learning. This course gives students the opportunity to study individual and group psychology. Students learn how the knowledge, methods and theories of psychologists apply to analyzing human behavior. Course content is organized to help students develop critical attitudes toward superficial generalizations about human behavior and to achieve a better understanding of human behavior in general.						
Course Number	4830	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	None						
Special Notes:							

<b>Course: SOCIAL STUDIES SPECIAL TOPICS: AREA STUDIES</b>							
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:							
<b>Course: SOCIOLOGY</b>							
Course Description:	This course includes the nature of sociology, culture, socialization, groups and institutions, communications and cultural development and change. The concepts will remain constant; however, the content may vary depending on student interest. The students will have an opportunity to explore the major tools of the science of sociology. These will include, but are not limited to, analyzing types of groups and interaction among groups, understanding the impact of media on groups and analyzing the impact of science and technology upon people and cultures. Students study such topics as the history and systems of sociology, cultural and social norms, social institutions and mass communication.						
Course Number	4831	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:	None						
Special Notes:							
<b>Course: SPECIAL TOPICS: CONTEMPORARY ISSUES IN U.S. HISTORY</b>							
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:							
<b>Course: SPECIAL TOPICS: ETHICS, ECONOMY &amp; ENTREPRENEURSHIP</b>							
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:	9 - 12
Prerequisites:	None						
Special Notes:							
<b>Course: SPECIAL TOPICS: LOCAL AND GLOBAL AFFAIRS</b>							
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:							
<b>Course: SPECIAL TOPICS: MODEL UN I</b>							
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.						

<b>Course: SPECIAL TOPICS: PHILOSOPHY</b>							
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:	11 - 12
Prerequisites:	None						
Special Notes:							
<b>Course: STAAR PREP SS1</b>							
Course Description:	This course is designed to prepare students for successful completion of the STAAR End of Course examinations in social studies. The STAAR EOC objectives are re-taught using a variety of instructional methods to include classroom instruction and computer-based instruction. Instruction will be designed to meet the needs of each individual student.						
Course Number	1104	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Counselor Recommendation						
Special Notes:							
<b>Course: STAAR PREP SS2</b>							
Course Description:	This course is designed to prepare students for successful completion of the STAAR End of Course examinations in social studies. The STAAR EOC objectives are re-taught using a variety of instructional methods to include classroom instruction and computer-based instruction. Instruction will be designed to meet the needs of each individual student.						
Course Number	1105	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Counselor Recommendation						
Special Notes:							
<b>Course: STAAR SUCCESS IN SOCIAL STUDIES</b>							
Course Description:	This course is designed to prepare students for successful completion of the US History EOC exam. The five STAAR objectives are re-taught using a variety of instructional methods to include classroom instruction and computer-based instruction. Instruction will be designed to meet the learning needs of each individual student.						
Course Number	1008	Credits:	0.5	Term:	Semester	Grade Placement:	11 - 12
Prerequisites:							
Special Notes:							
<b>Course: U.S. MILITARY HISTORY: 1607-1898</b>							
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, its 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:							
<b>Course: U.S. MILITARY HISTORY: 1898 TO THE PRESENT</b>							
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, its 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:							

<b>Course: U.S. STUDIES SINCE RECONSTRUCTION</b>							
Course Description:	In this course, which is the second part of a two-year study of United States history that begins in grade 8, students study the history of the United States since Reconstruction to the present. Historical content focuses on the political, economic and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies of the Cold War and post-Cold War eras and reform movements including civil rights. Students examine the impact of geographic factors on major events and analyze causes and effects of the Great Depression. 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 the times during which they were created. Students analyze the impact of technological innovations on the American labor movement. Students use critical-thinking skills, including explaining and applying different methods that historians use to interpret the past, including 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:							
<b>Course: UNITED STATES GOVERNMENT</b>							
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 studies from kindergarten through required secondary courses. This course provides an opportunity to study in depth the foundation of the United States 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:	9 - 12
Prerequisites:	Recommended: World Geography, World History						
Special Notes:							
<b>Course: WORLD GEOGRAPHY</b>							
Course Description:	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. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the characteristics of major land forms, climates and ecosystems and interrelationships; the political, economic and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of world population; relationships among people, places and environments; and the concept of region. Students analyze how location affects economic activities in different economic systems throughout the world. 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. Student 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:	None						
Special Notes:							
<b>Course: WORLD HISTORY STUDIES</b>							
Course Description:	This course offers an overview of the entire history of humankind. 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. 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 democratic-republican governments evolved as well as the ideas from historical 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 economics. Students use the process of historical inquiry to research, interpret and use multiple sources of evidence.						
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

<b>Course: AD HEALTHY LIFESTYLES I</b>							
Course Description:	AD Healthy Lifestyles I is an adapted version of Healthy Lifestyles I. The course develops a structural environment in which students will enhance their total well-being and gain knowledge and skills to make healthy lifestyle choices for a lifetime. Students will have the opportunity to experience the joy of movement and to discover for themselves its value as a part of their everyday lives. Personal fitness, mental and physical health issues, the human body and functions of the systems, drug abuse, diseases, pollution, nutrition, human sexuality, and abstinence education are among the many topics that are fundamental to this course. Through participating in a variety of activities, adapted to each person's own abilities, students will have the opportunity to experience the joy of movement and to discover for themselves its value as a part of their everyday lives.						
Course Number	7117	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:	Mixed gender setting; must be accompanied by AD Healthy Lifestyles II to get full credit.						

<b>Course: AD HEALTHY LIFESTYLES II</b>							
Course Description:	AD Healthy Lifestyles II is an adapted version of Healthy Lifestyles II. The course develops a structural environment in which students will enhance their total well-being and gain knowledge and skills to make healthy lifestyle choices for a lifetime. Students will have the opportunity to experience the joy of movement and to discover for themselves its value as a part of their everyday lives. Personal fitness, mental and physical health issues, the human body and functions of the systems, drug abuse, diseases, pollution, nutrition, human sexuality, and abstinence education are among the many topics that are fundamental to this course. Through participating in a variety of activities, adapted to each person's own abilities, students will have the opportunity to experience the joy of movement and to discover for themselves its value as a part of their everyday lives.						
Course Number	7118	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:	Mixed gender setting; must be accompanied by AD Healthy Lifestyles I to get full credit.						

<b>Course: ADAPTED PE BASIC 1</b>							
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	7201	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							

<b>Course: ADAPTED PE BASIC 2</b>							
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	7202	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							

<b>Course: ADAPTIVE SKILLS I (ADAPT 18-21)</b>							
Course Description:	Adaptive Skills (18-21) courses focus on 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:	11 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							

<b>Course: ADAPTIVE SKILLS II (ADAPT 18-21)</b>							
Course Description:	Adaptive Skills (18-21) courses focus on 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	7812	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							

<b>Course: ADAPTIVE SKILLS III (ADAPT 18-21)</b>							
Course Description: Adaptive Skills (18-21) courses focus on scheduling and participating in a community based personal or recreational activity with direct instruction in the community toward the student's post-secondary goals.							
<b>Course Number</b>	<b>7813</b>	Credits:	3.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ADAPTIVE SKILLS IV (ADAPT 18-21)</b>							
Course Description: Adaptive Skills (18-21) courses focus on scheduling and participating in a community based personal or recreational activity with direct instruction in the community toward the student's post-secondary goals.							
<b>Course Number</b>	<b>7814</b>	Credits:	4.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE ALGEBRA I</b>							
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.							
<b>Course Number</b>	<b>2001</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE ALGEBRAIC REASONING</b>							
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.							
<b>Course Number</b>	<b>2004</b>	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:							
<b>Course: ALE BIOLOGY</b>							
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.							
<b>Course Number</b>	<b>3001</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE CHEMISTRY</b>							
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.							
<b>Course Number</b>	<b>3003</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE COMMUNICATION APPLICATIONS</b>							
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.							
<b>Course Number</b>	<b>5808</b>	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							

<b>Course: ALE DAILY LIVING</b>							
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.							
<b>Course Number</b>	<b>7824</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE ECONOMICS</b>							
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.							
<b>Course Number</b>	<b>4005</b>	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE ENGLISH I</b>							
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.							
<b>Course Number</b>	<b>1011</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE ENGLISH II</b>							
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.							
<b>Course Number</b>	<b>1012</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE ENGLISH III</b>							
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.							
<b>Course Number</b>	<b>1013</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE ENGLISH IV</b>							
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.							
<b>Course Number</b>	<b>1014</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							

<b>Course: ALE ENVIRONMENTAL SCIENCE</b>							
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.							
<b>Course Number</b>	<b>3004</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE GEOMETRY</b>							
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.							
<b>Course Number</b>	<b>2002</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE GOVERNMENT</b>							
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.							
<b>Course Number</b>	<b>4004</b>	Credits:	0.5	Term:	Semester	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE HEALTH</b>							
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.							
<b>Course Number</b>	<b>7106</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE IPC</b>							
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.							
<b>Course Number</b>	<b>3002</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE MATH MODELS</b>							
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.							
<b>Course Number</b>	<b>2003</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							

<b>Course: ALE READING I</b>							
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.							
<b>Course Number</b>	<b>1625</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE READING II</b>							
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.							
<b>Course Number</b>	<b>1626</b>	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:							
<b>Course: ALE READING III</b>							
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.							
<b>Course Number</b>	<b>1627</b>	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:							
<b>Course: ALE READING IV</b>							
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.							
<b>Course Number</b>	<b>1628</b>	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:							
<b>Course: ALE US HISTORY</b>							
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.							
<b>Course Number</b>	<b>4003</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE WORK-BASED LEARNING I</b>							
Course Description: ALE 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.							
<b>Course Number</b>	<b>7848</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: ALE WORK-BASED LEARNING II</b>							
Course Description: ALE 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.							
<b>Course Number</b>	<b>7849</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination, ALE Work-Based Learning I and Work Orientation							
Special Notes:							

<b>Course: ALE WORLD GEOGRAPHY</b>							
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:							
<b>Course: ALE WORLD HISTORY</b>							
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:							
<b>Course: APPLIED SKILLS I</b>							
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. Behavior Management Plans are developed for students as needed.						
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:							
<b>Course: APPLIED SKILLS II</b>							
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. Behavior Management Plans are developed for students as needed.						
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:							
<b>Course: APPLIED SKILLS III</b>							
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. Behavior Management Plans are developed for students as needed.						
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:							
<b>Course: APPLIED SKILLS IV</b>							
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. Behavior Management Plans are developed for students as needed.						
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:							

<b>Course: COMMUNITY I (COM 18-21)</b>							
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.						
<b>Course Number</b>	<b>7871</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	Age 18+
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
<b>Course: DOMESTICS I (DOM 18-21)</b>							
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.						
<b>Course Number</b>	<b>7892</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
<b>Course: DOMESTICS II (DOM 18-21)</b>							
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.						
<b>Course Number</b>	<b>7893</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
<b>Course: DOMESTICS III (DOM 18-21)</b>							
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.						
<b>Course Number</b>	<b>7894</b>	Credits:	3.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
<b>Course: DOMESTICS IV (DOM 18-21)</b>							
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.						
<b>Course Number</b>	<b>7895</b>	Credits:	4.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							
<b>Course: NAVIGATING LIFE WITH HEARING LOSS</b>							
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						
<b>Course Number</b>	<b>7801</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	Eligible student receiving Special Education services; ARD/IEP Committee determination						
Special Notes:							
<b>Course: READING RESOURCE IV</b>							
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.						
<b>Course Number</b>	<b>1620</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites:	Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination						
Special Notes:							

<b>Course: VAC-ELECTIVE/PE 1 PERIOD</b>							
Course Description: VAC is a program to assist students in making a smooth transition from academic pursuits to employment. These courses are delivered through paid employment in the community. Students are required to work a minimum of 15 hours per week in a paid position. Students work with their campus Transition Teacher-VAC in this program. Students must have enough credits to be a junior prior to entering the VAC program. VAC credits count for elective credits.							
<b>Course Number</b>	<b>7841</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: VAC-ELECTIVE/PE 2 PERIODS</b>							
Course Description: VAC is a program to assist students in making a smooth transition from academic pursuits to employment. These courses are delivered through paid employment in the community. Students are required to work a minimum of 15 hours per week in a paid position. Students work with their campus Transition Teacher-VAC in this program. Students must have enough credits to be a junior prior to entering the VAC program. VAC credits count for elective credits.							
<b>Course Number</b>	<b>7842</b>	Credits:	2.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: VAC-ELECTIVE/PE 3 PERIODS</b>							
Course Description: VAC is a program to assist students in making a smooth transition from academic pursuits to employment. These courses are delivered through paid employment in the community. Students are required to work a minimum of 15 hours per week in a paid position. Students work with their campus Transition Teacher-VAC in this program. Students must have enough credits to be a junior prior to entering the VAC program. VAC credits count for elective credits.							
<b>Course Number</b>	<b>7843</b>	Credits:	3.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: VAC-ELECTIVE/PE 4 PERIODS</b>							
Course Description: VAC is a program to assist students in making a smooth transition from academic pursuits to employment. These courses are delivered through paid employment in the community. Students are required to work a minimum of 15 hours per week in a paid position. Students work with their campus Transition Teacher-VAC in this program. Students must have enough credits to be a junior prior to entering the VAC program. VAC credits count for elective credits.							
<b>Course Number</b>	<b>7844</b>	Credits:	4.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: WORK-BASED LEARNING I</b>							
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.							
<b>Course Number</b>	<b>7852</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							
<b>Course: WORK-BASED LEARNING II</b>							
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.							
<b>Course Number</b>	<b>7853</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							

<b>Course: WORK-BASED LEARNING III</b>							
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.							
<b>Course Number</b>	<b>7854</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites: Eligible Student Receiving Special Education Services; ARD/IEP Committee Determination							
Special Notes:							

<b>Course: WORK-BASED LEARNING IV (WBL 18-21)</b>							
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.							
<b>Course Number</b>	<b>7855</b>	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

<b>Course: AMERICAN SIGN LANGUAGE I</b>							
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.							
<b>Course Number</b>	<b>5451</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites: None							
Special Notes: This course may count towards World Languages credit.							

<b>Course: AMERICAN SIGN LANGUAGE II</b>							
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.							
<b>Course Number</b>	<b>5452</b>	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.							

<b>Course: AMERICAN SIGN LANGUAGE II HONORS</b>							
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.							
<b>Course Number</b>	<b>5450</b>	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.							

<b>Course: AMERICAN SIGN LANGUAGE III HONORS</b>							
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.						

<b>Course: AMERICAN SIGN LANGUAGE IV HONORS</b>							
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 or III Honors						
Special Notes:	This course may count towards World Languages credit.						

## World Languages - Chinese

<b>Course: AP CHINESE LANGUAGE</b>							
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 High School. Academic transfer available to District Program at LEE High School. See counselor for information.						

<b>Course: MANDARIN CHINESE I</b>							
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.						

<b>Course: MANDARIN CHINESE II</b>							
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.						

<b>Course: MANDARIN CHINESE II HONORS</b>							
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.							
<b>Course Number</b>	<b>5447</b>	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.						

<b>Course: MANDARIN CHINESE III HONORS</b>							
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.							
<b>Course Number</b>	<b>5456</b>	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

<b>Course: SPECIAL TOPICS IN LANGUAGE AND CULTURE</b>							
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.							
<b>Course Number</b>	<b>5440</b>	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

<b>Course: AP FRENCH LANGUAGE</b>							
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.							
<b>Course Number</b>	<b>5045</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	French III or III Honors or IV Honors						
Special Notes:							

<b>Course: FRENCH I</b>							
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.							
<b>Course Number</b>	<b>5013</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:							

<b>Course: FRENCH II</b>							
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.							
<b>Course Number</b>	<b>5023</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites: French I							
Special Notes:							
<b>Course: FRENCH II HONORS</b>							
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.							
<b>Course Number</b>	<b>5024</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites: French I							
Special Notes:							
<b>Course: FRENCH III HONORS</b>							
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.							
<b>Course Number</b>	<b>5034</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: French II or II Honors							
Special Notes:							
<b>Course: FRENCH IV HONORS</b>							
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.							
<b>Course Number</b>	<b>5044</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites: French III or III Honors							
Special Notes:							
<b>Course: FRENCH V HONORS</b>							
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.							
<b>Course Number</b>	<b>5054</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	12
Prerequisites: French IV, IV Honors or AP French Language							
Special Notes:							

## World Languages - German

Course: <b>AP GERMAN LANGUAGE</b>							
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.						
<b>Course Number</b>	<b>5145</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	German III or III Honors or IV Honors						
Special Notes:							
Course: <b>GERMAN I</b>							
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.						
<b>Course Number</b>	<b>5113</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	9 - 12
Prerequisites:	None						
Special Notes:							
Course: <b>GERMAN II</b>							
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.						
<b>Course Number</b>	<b>5123</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	German I						
Special Notes:							
Course: <b>GERMAN II HONORS</b>							
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.						
<b>Course Number</b>	<b>5124</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	German I						
Special Notes:							
Course: <b>GERMAN III HONORS</b>							
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.						
<b>Course Number</b>	<b>5134</b>	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	German II or II Honors						
Special Notes:							

<b>Course: GERMAN IV HONORS</b>							
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.							
<b>Course Number</b>	<b>5144</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11 - 12
Prerequisites: German III or III Honors							
Special Notes:							

## World Languages - Japanese

<b>Course: AP JAPANESE LANGUAGE</b>							
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.							
<b>Course Number</b>	<b>5444</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11 - 12
Prerequisites: Japanese III or III Honors							
Special Notes:							

<b>Course: JAPANESE I</b>							
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.							
<b>Course Number</b>	<b>5413</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	9 - 12
Prerequisites:							
Special Notes:							

<b>Course: JAPANESE II</b>							
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.							
<b>Course Number</b>	<b>5423</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	10 - 12
Prerequisites: Japanese I							
Special Notes:							

<b>Course: JAPANESE II HONORS</b>							
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.							
<b>Course Number</b>	<b>5424</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	10 - 12
Prerequisites: Japanese I							
Special Notes:							

<b>Course: JAPANESE III HONORS</b>							
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.							
<b>Course Number</b>	<b>5434</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11 - 12
Prerequisites: Japanese II or II Honors							
Special Notes:							

## World Languages - Latin

<b>Course: AP LATIN</b>							
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.							
<b>Course Number</b>	<b>5252</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	11 - 12
Prerequisites: Latin III, III Honors or IV Honors							
Special Notes:							

<b>Course: LATIN - WORD POWER</b>							
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.							
<b>Course Number</b>	<b>5255</b>	<b>Credits:</b>	0.5	<b>Term:</b>	Semester	<b>Grade Placement:</b>	10 - 12
Prerequisites: Counselor Approval							
Special Notes:							

<b>Course: LATIN I</b>							
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.							
<b>Course Number</b>	<b>5213</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	9 - 12
Prerequisites: None							
Special Notes:							

<b>Course: LATIN II</b>							
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.							
<b>Course Number</b>	<b>5223</b>	<b>Credits:</b>	1.0	<b>Term:</b>	Full Year	<b>Grade Placement:</b>	10 - 12
Prerequisites: Latin I							
Special Notes:							

<b>Course: LATIN II HONORS</b>							
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:							

<b>Course: LATIN III HONORS</b>							
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:							

<b>Course: LATIN IV HONORS</b>							
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 or III Honors						
Special Notes:							

## World Languages - Spanish

<b>Course: AP SPANISH LANGUAGE</b>							
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:							

<b>Course: AP SPANISH LITERATURE</b>							
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:							

<b>Course: SPANISH I</b>							
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:							
<b>Course: SPANISH II</b>							
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:							
<b>Course: SPANISH II NATIVE HONORS</b>							
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.						
<b>Course: SPANISH II HONORS</b>							
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:							
<b>Course: SPANISH III</b>							
Course Description:	The Spanish III 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 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 speakers are able to begin creating original sentences with the language. Intermediate mid speakers can easily combine original sentences into complete thoughts and ideas.						
Course Number	5333	Credits:	1.0	Term:	Full Year	Grade Placement:	10 - 12
Prerequisites:	Spanish II or II Honors						
Special Notes:							

<b>Course: SPANISH III NATIVE HONORS</b>							
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 or Spanish AP.						
<b>Course: SPANISH III HONORS</b>							
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:							
<b>Course: SPANISH IV</b>							
Course Description:	Spanish IV continues to build upon the knowledge and skills acquired in prior years of study. The students will focus on using Spanish to communicate in conversational and other informal settings and on reading and analyzing selected literary works.						
Course Number	5343	Credits:	1.0	Term:	Full Year	Grade Placement:	11 - 12
Prerequisites:	Spanish III or III Honors						
Special Notes:							
<b>Course: SPANISH IV HONORS</b>							
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:							
<b>Course: SPANISH V HONORS</b>							
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:							
<b>Course: SPANISH VI HONORS</b>							
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:	<b>SPANISH VII HONORS</b>						
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:							

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