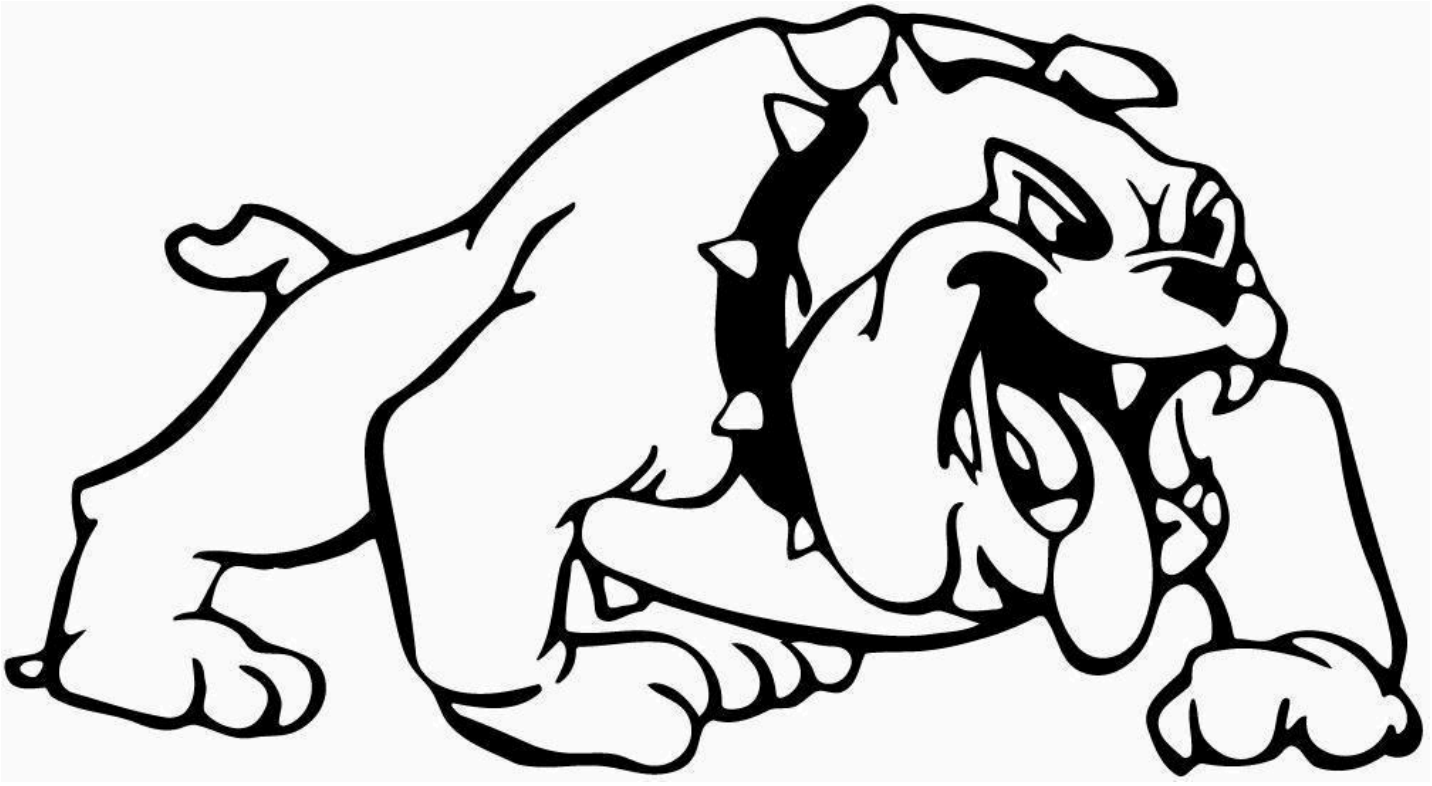
IMAGINE · INNOVATE · INSPIRE

NEDERLAND

HIGH SCHOOL

2025 - 2026



COURSE OF STUDY GUIDE

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NEDERLAND HIGH SCHOOL

COURSE OF STUDY

Published by Nederland High School Guidance and CTE Departments **2025– 2026**

INTRODUCTION

Nederland High School offers a comprehensive educational program, which meets the requirements of the Foundation Graduation plans. Our students are always encouraged to enrich their program as much as possible. This booklet has been designed to assist students and parents with course selections. Keep in mind the following: your selected graduation plan requirements, course prerequisites, college admission requirements, and your career pathway.

Planning courses for the next school year is the first step toward long-range career planning. Decisions should be based on the student's understanding of his/her interests and abilities. Students should seek as much information as possible about career choices from a variety of sources. Vocational assessments are generally provided at the middle school level; however, if a student has not had a vocational evaluation prior to ninth grade, Nederland High School will provide one. High school offers rich educational opportunities in preparation for future goals.

Students are encouraged to talk to teachers instructing the courses in which they are interested and/or talk to their counselor about options or courses available to them. Keep this guide for future references. Ultimately, it is the responsibility of the parent/guardian and student to ensure that course selections meet the requirements of the student's graduation plan.

Instructions for Making Course Selections:

Students should read and review the graduation requirements as well as the available courses listed in this book. Course selections should be the equivalent of eight credits. Students should select alternative courses and be aware that they may be placed in those courses when necessary. Some elective courses may not materialize due to lack of demand. Schedule conflicts may place a student in an alternate course. If a student fails to receive credit in a required course, his/her course selection will be changed to correct any deficiency in graduation requirements. Any students failing one or more parts of the STAAR/EOC Exam may be required to take a STAAR/EOC preparation class.

Any changes in course requests must be made by May 20th. After that date course selections are FINAL.

General Information

Nederland High School operates on an alternating block schedule of eight periods with four ninety-minute periods per day.

Minimum Enrollment Requirements per Grade Level:

9th Grade	-	8 credits
10th Grade	-	8 credits
11th Grade	-	8 credits
12th Grade	-	7 credits

Seniors must meet certain criteria regarding credits, attendance, CCMR and STAAR/EOC mastery before being eligible for a "No Class". Student attendance must be 90% or better, they must be on track for graduation, have passed all parts of STAAR/EOC and must be on the Foundation Graduation plan with an endorsement. Seniors also must retain full-time status, which means that they must be enrolled as a full-time student each day.

Grade Level Status:

Units of Credit	Classification
0 - 5	Freshman
5.5 - 11	Sophomore
11.5 - 17	Junior
17.5 - over	Senior

Students will not be promoted to the next grade level unless they have attained the minimum required credits. In order to earn credit for a course, a student must earn a grade of 70 or above and be present 90% of the days in which the course is offered.

STATE REQUIREMENTS
FOR
FOUNDATION GRADUATION PROGRAM
AND ENDORSEMENTS

Beginning with the incoming 2018-2019 Freshmen

Foundation at Nederland High School:

English I, II, III, IV	**4 credits**
Algebra 1, Geometry, Advanced Math	**3 credits**
Biology, (IPC/Chemistry,) Advanced Science	**3 credits**
World Geography, World History, US History, US Gov/Eco	**3 credits**
Foreign Language (Spanish or French) (Computer Science)	**2 credits: Level I, II**
Fine Art	**1 credit**
Technology	**1 credit**
PE	**1 credits**
Professional Communications	**½ credit**
Health	**½ credit**
Electives or CTE	**2-1/2 credits**
	22 credits

AND for any of the five Endorsements must include:

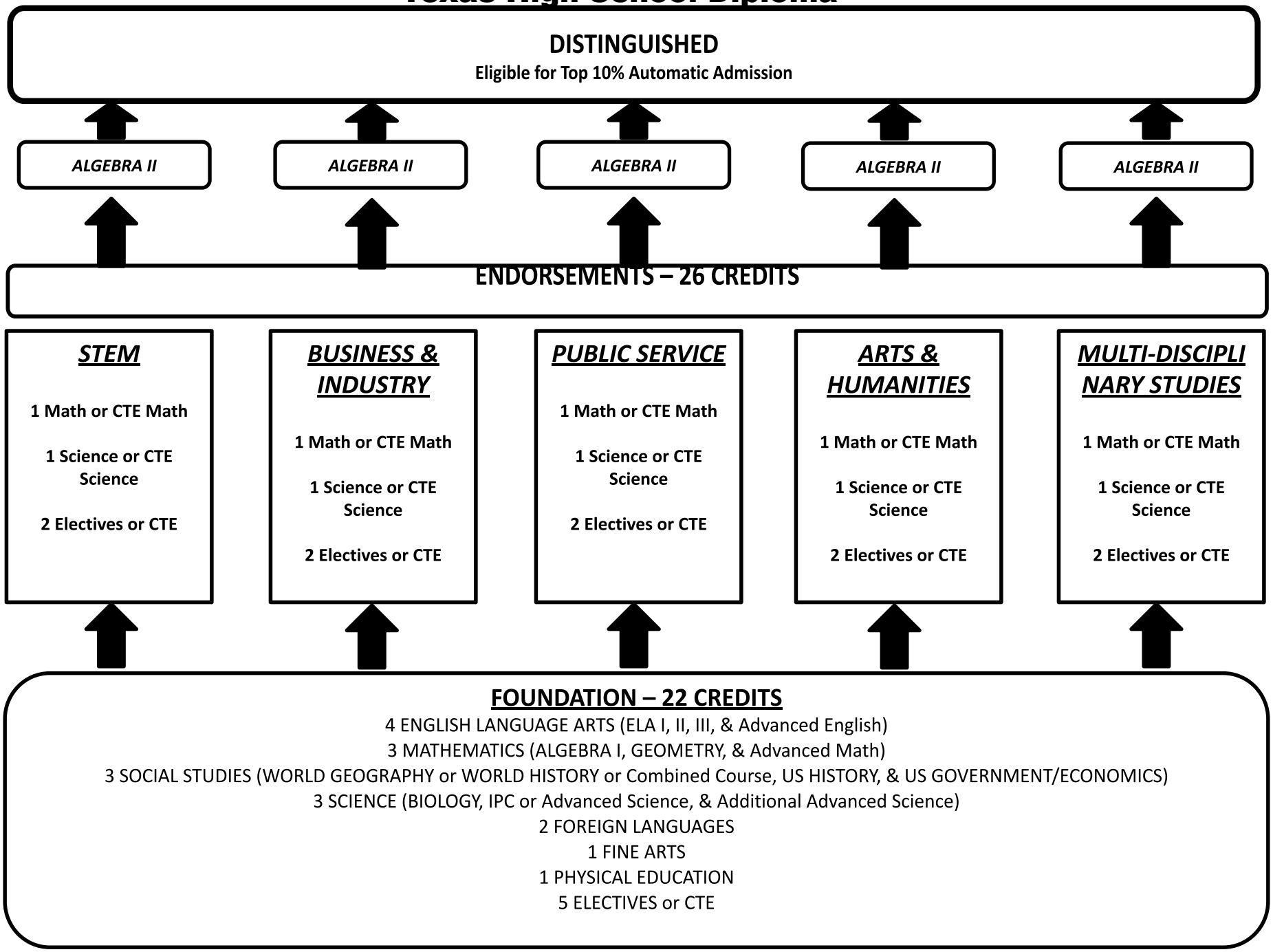
Algebra 2, CTE Math or Advanced Math	**Additional 1 credit**
Science or CTE Science	**Additional 1 credit**

AND additional specific criteria/courses for each of the individual endorsements:

Science, Technology, Engineering and Math (STEM); Public Service: Arts and Humanities; Business and Industry; or Multidisciplinary

TOTAL MINIMUM GRADUATION CREDITS with endorsement 26 credits

Texas High School Diploma



Performance Acknowledgements Available at N.H.S.
(Beginning: 2014-15 Academic Year)

I. A student may earn a performance acknowledgement on the student's transcript for outstanding performance in dual credit course by successfully completing at least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade equivalent of a "B" (3.0) or higher on a scale of 4.0

II. A student may earn a performance acknowledgement on the student's transcript for outstanding performance in bilingualism and bi-literacy by demonstrating proficiency in two or more languages by:

(1) Completing all English language arts requirements and maintaining a minimum GPA of an 80 on a scale of 100: **AND**
(2) Completion of a minimum of three credits in the same language other than English with a minimum GPA of an 80 on a scale of 100: **OR**
(3) Demonstrated proficiency in the TEKS for level IV or higher in a language other than English with a minimum GPA of 80 on a scale of 100: **OR**
(4) Achieved a score of 3 or higher on an Advanced Placement exam for a language other than English
AND for English language learner must also have:
(5) participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; **AND**
(6) scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS)

III. A student may earn a performance acknowledgement on the student's transcript for outstanding performance on a college advanced placement examination by earning a score of 3 or above on a College Board advanced placement examination.

IV. A student may earn a performance acknowledgement on the student's transcript for outstanding performance on the PSAT, the SAT, or the ACT by:

(1) A score on the PSAT/NMSQT that qualifies a student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation; **OR**
(2) A combined critical reading and mathematics score of at least 1350 on the SAT; **OR**
(3) A composite score on the ACT exam (without writing) of 29.

V. A student may earn a performance acknowledgement on the student's transcript for earning a state-recognized or nationally or internationally recognized business or industry certification or license with:

(1) Performance on the examination sufficient to obtain a nationally or internationally recognized business or industry certification; **OR**
(2) Performance on an examination sufficient to obtain a government-required credential to practice a profession; **OR**
(3) Nationally or internationally recognized business or industry certification shall be defined as an industry-validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized business, industry, professional, or government entity representing a particular profession or occupation that is issued by or endorsed by:(A) a national or international business, industry, or professional organization;(B) a state agency or other government entity; or(C) a state-based industry association. **OR**
(4) Certifications or licensures for performance acknowledgements shall:(A) be age appropriate for high school students;(B) represent a student's substantial course of study and/or end-of-program knowledge and skills;(C) include an industry-recognized examination or series of examinations, an industry-validated skill test, or demonstrated proficiency through documented, supervised field experience; and(D) represent substantial knowledge and multiple skills needed for successful entry into a high-skill occupation.

General Information

Grade Point Average (GPA) Calculation:

The GPA is a measure of the student's total academic performance beginning in the ninth grade. The grade point average is calculated by adding the grade points earned for each course per semester and dividing by the total number of semester courses. For both Weighted and College GPA, all grades count toward GPA and class rank except grades earned in a distance learning course, unless the course is either assigned to the student by the District or offered as a course option along with traditional District courses; any dual credit course taken outside of the regular school day or regular school year; any local credit course; any course for which a pass/fail grade is assigned; or through credit by examination, with or without prior instruction.

Weighted GPA Conversion Scale (GPA used for ranking)

Grade	Regular	Pre-AP/AP/Academic Honors/ Academic Dual Enrollment
90 – 100	3.0 – 4.0	4.0 – 5.0
80 – 89	2.0 – 2.9	3.0 – 3.9
75 – 79	1.5 – 1.9	2.5 – 2.9
70 – 74	1.0 – 1.4	2.0 – 2.4
0 – 69	- 0 -	- 0 -

Student transfer grades will be assigned additional weight based on the categories and grade weight system used by the district only if the same course is offered to the same class students in the District.

College GPA Conversion Scale (GPA shown on HAC and transcript)

Grade	Conversion
90 – 100	4
80 – 89	3
75 – 79	2
70 – 74	1
0 – 69	- 0 -

HONORS POLICY: Honors = Any class classified as PreAP, AP, Co-enrolled, Honors (excluding Honors Band)

Students are encouraged to take enriched coursework. Students wanting to sign up for Honors courses should be aware of the following:

- English Honors courses require outside reading assignments during the summer prior to the start of the school year.
- Placement in Honors classes will require signature of parent, student, and teacher. Students will not be placed in Honors classes until the Honors contract is completed and turned into the counselor's office.

DROPPING HONORS CLASSES:

- Students may only drop an Honors class in the following situations:
  - Students can drop at the end of a marking period (1st, 2nd or 3rd 6 weeks) if a student has a failing grade for that marking period.
  - Students passing the first semester can drop at the end of the first semester.

    *If a student drops an Honors class, he/she will be allowed to move to a regular class if room is available.
- Students may be dropped at the discretion of administrators.
- If students decide to continue the Honors class after the 1st semester, they must remain in the class until the end of the year.
- Students not completing an Honors class will not receive a weighted grade point.

Local Honor Graduate Criteria:

For the purpose of determining honors to be conferred during graduation activities, class rank will be determined by using grades available at the time of calculation at the end of the fifth six week grading period of the senior year.

Graduates shall be ranked in the following order:

1. Valedictorian
2. Salutatorian
3. Top 2 ½ % designated Magna Cum Laude graduates
4. Second 2 ½ % designated Cum Laude graduates

A student must have earned a minimum of ten (10) credits in his junior and senior years at Nederland High School to be designated an honor graduate.

Top 10% Rule:

Students graduating in the top 10% of their class with the Distinguished Level of Achievement of the Foundation Plan are guaranteed admission by state law to any Texas public university or college except University of Texas (Austin), as long as they meet required admission deadlines.

National Honor Society:

The Nederland High School Chapter of the National Honor Society was organized in 1951. The charter of the National Honor Society specifies that the membership selection shall be made upon the basis of character, leadership, scholarship and service. It further states that only students with an accumulated GPA of 3.4000 weighted from the junior or senior class will be considered for election. Membership is determined by a majority vote of the faculty council and is consistent with the rules and regulations of the National Honor Society. A National Honor Society member who transfers from another school and brings a letter from the former principal or chapter advisor shall be accepted automatically as a new member.

Academic Letter Criteria:

Senior members of the National Honor Society who receive a semester grade of 90 or above in each course during the two semesters immediately preceding the semester in which they graduate, are eligible to receive an academic letter.

Sociedad Honoraria Hispánica Costa De Oro: National Spanish Honor Society:

The purpose of the society is to recognize high achievement in the study of the Spanish language and its culture. The society is sponsored by the American Association of Teachers of Spanish and Portuguese (AATSP) and it is recognized nationwide.
Eligibility for Regular Membership: a student must be in 10th – 12th grades, currently enrolled in Spanish III Pre-AP, IV AP, or V AP Literature, and have A's in three consecutive semesters of Spanish (Spanish I credits do not count).
Eligibility for Ambassador Membership: a special membership to students who were not able to meet regular membership requirements. Students must have taken Spanish IV AP and have proven their proficiency in the Spanish language and culture by achieving a score of 3 or higher on the Advanced Placement (AP) exam at the end of the school year.

French Honor Society:

The French Honor Society is designed for French III and IV students who have demonstrated exceptional proficiency and commitment to the French language and culture. The society aims to foster a deeper appreciation for Francophone literature, history, and traditions, while encouraging students to engage in community service and cultural exchange.
Eligibility: student must be, at least, in 10th grade, currently enrolled in French II, and have A's in three consecutive semesters of French courses. The student must have demonstrated a passion for the French language and culture. Membership in the French Honor Society is by invitation only, based on academic performance as well as academic behavior, and teacher recommendation.

Local Credit:

Some courses are offered as "Local Credit" only. Local credits may not be counted toward the state requirements for graduation (22-26 credits). Examples include: study hall, office/teacher aide, math lab, innovative courses not approved for state credit such as ACT/SAT Prep, Accelerated instruction in English, Math, Science, and Social Studies.

Cumulative School Records:

The academic achievement record (AAR) includes course work, grades, attendance, standardized test scores, and is the student's permanent school record. A student's graduation program is documented on the AAR.

Personal Graduation Plans/STAAR Mastery:

Students who do not pass all parts of STAAR/EOC will participate in a personal graduation plan meeting where plans for EOC preparation will be developed. For 2011-2012 and later EOC (End of Course) passing standards must be achieved in English 1, English II, Biology, Algebra I, and US History.

Summer School Program/Academic Remediation:

Summer school courses are offered primarily for academic remediation of courses failed during the school year. Students choosing to take a course for advanced credit during summer school must obtain approval from their counselor prior to the end of the school year. Students are eligible to earn up to four credits by correspondence for the completion of graduation requirements. Seniors are eligible to earn one credit in adult night school for remediation purposes during the second semester of the senior year. Students must be passing all classes at NHS at the time of night school registration to be eligible. This option requires approval from the principal and counselor.

Credit by Exam:

Students may take accelerated advancement tests, or "Credit by Exam", for courses in which they have received or not received prior instruction. Students must receive approval from their counselor and the secondary curriculum supervisor before registering for an exam.
No Prior Instruction: Students who have no prior instruction in a course must obtain a score of 80% or higher to receive credit.
Prior Instruction: Students who have had prior instruction in a course may be awarded credit if the student scores 70% or higher on the approved exam.

Home School:

Students transferring to NISD from a home school program will be awarded credits based on the review of the official transcript from the home school institution. Credits will only be awarded if the transcript is sent directly from the home school program/provider to NISD.

COURSE OFFERINGS & GRADE PLACEMENT

COURSE#	COURSE TITLE	GRADE	CREDIT	PREREQUISITES
100	Study Hall	9-12	½ -1 local	None
ENGLISH – LANGUAGE ARTS				
200	Reading	9-12	1	ARD Recommendation
2001/2002	Reading	9-12	½	ARD Recommendation
211	English I Pre-AP	9	1	Teacher Recommendation
212	English I	9	1	None
214	Modified English I	9	1	ARD Recommendation
215	English Second Lang. I	9	1	ELL Recommendation/Parent Approval
221	English II Pre-AP	10	1	Teacher Recommendation
222	English II	10	1	English I or I Pre AP
224	Modified English II	10	1	ARD Recommendation
225	English Second Lang II	10	1	ELL Recommendation/Parent Approval
2311	English III AP	11	1	Teacher Recommendation
232	English III	11	1	English II or II Pre-AP
234	Modified English III	11	1	ARD Recommendation
235	English Second Lang III	11	1 local	ELL Recommendation/Parent Approval
241	English IV AP	12	1	Teacher Recommendation, Eng III or Eng III AP
242	English IV	12	1	English III or Eng III AP
243C	Co-Enrolled English Comp.	12	1 high school 3 college hrs/semester	TSIA2, Teacher Recommendation, Eng III
2431C	Co-Enrolled English Comp.	11	1 High School 3 college hrs/semester	TSIA2, Teacher Recommendation, Eng II
2432C	Co-Enrolled English Lit	12	1 high school 3 college hrs/semester	Eng 1301 & English 1302 (CoEnrolled Composition)
244	Modified English IV	12	1	ARD Recommendation
245	English Second Lang IV	12	1 local	ELL Recommendation/Parent Approval
247	Creative Writing	10-12	½	None
248	Poetry	10-12	½	None

251	**Journalism I**	**9-12**	**1**	**None**
252	**Adv. Journalism: Yearbook/Photo**	**10-12**	**1**	**Journalism I, Teacher Approval**
253	**Adv. Journalism: Newspaper/Photo**	**10-12**	**1**	**Journalism I, Teacher Approval**
256	**Desktop Publishing**	**11-12**	**1**	**Journalism, Adv Journalism, Teacher Approval**
2601/2602	**Independent Study Speech**	**11-12**	**½**	**Teacher Approval**
263	**Debate I**	**9-12**	**1/2 - 1**	**Sponsor Teacher Approval**
264	**Debate II**	**10-12**	**½ - 1**	**Debate I, Teacher Approval**
271	**French I**	**9-12**	**1**	**None**
272	**French II**	**9-12**	**1**	**French I**
2721	**French II Pre-AP**	**10-12**	**1**	**French I, Teacher Rec**
2731	**French III Pre-AP**	**10-12**	**1**	**French I, French II & Teacher Rec**
2741	**French IV AP**	**11-12**	**1**	**French III Pre-AP & Teacher Rec**
291	**Spanish I**	**9-12**	**1**	**None**
292	**Spanish II**	**9-12**	**1**	**Spanish I**
292P	**Spanish II Pre-AP**	**9-12**	**1**	**Spanish I & Teacher Rec**
2931	**Spanish III Pre-AP**	**10-12**	**1**	**Spanish I, Spanish II & Teacher Rec**
2941	**Spanish IV AP**	**11-12**	**1**	**Spanish III Pre-AP & Teacher Rec**
2951	**Spanish V AP Literature**	**11-12**	**1**	**Spanish IV AP & Teacher Rec**

SOCIAL STUDIES

312	**World Geography**	**9**	**1**	**None**
314	**Modified W. Geography**	**9**	**1**	**ARD Recommendation**
321	**World History Pre-Ap**	**9-10**	**1**	**Teacher Recommendation**
322	**World History**	**10**	**1**	**None**
323	**World History AP**	**10-12**	**1**	**World History Pre- AP & Teacher Rec**
324	**Modified W. History**	**10**	**1**	**ARD Recommendation**
328	**Sociology**	**10-12**	**½**	**None**
329	**Psychology**	**10-12**	**½**	**None**
331	**U.S. History AP**	**11-12**	**1**	**World Geography or World History or World History PreAP or World History AP, Recommend. from English & History Teachers**

332	**U.S. History**	**11**	**1**	**World Geography or World History**
334	**Modified U.S. History**	**11**	**1**	**ARD Recommendation**
342	**U.S. Government**	**12**	**½**	**US History or US History AP or CoEnrolled US History**
3421	**Co-Enrolled Government**	**12**	**½ high school 3 college hrs**	**US History or US History AP or CoEnrolled US History and TSIA2**
3422	**U.S. Government & Politics AP**	**12**	**½**	**US History or US History AP or CoEnrolled US History and Teacher Recommendation**
3423	**Co-Enrolled Texas Government**	**12**	**½**	**US History or US History AP or CoEnrolled US History and TSIA2**
343	**Economics**	**12**	**½**	**US History or US History AP or CoEnrolled US History**
3431	**Co-Enrolled Economics**	**12**	**½ high school 3 college hrs**	**US History or US History AP or CoEnrolled US History and TSIA2**
3432	**Macroeconomics AP**	**12**	**½**	**US History or US History AP or CoEnrolled US History and Teacher Recommendation**
3433	**Personal Financial Literacy**	**12**	**½**	**None**
344	**Modified U.S. Government**	**12**	**½**	**ARD Recommendation**
345	**Modified Economics**	**12**	**½**	**ARD Recommendation**
3461	**AVID I**	**9**	**1**	**Committee Recommendation**
3462	**AVID 2**	**10**	**1**	**Committee Recommendation**
3463	**AVID 3**	**11**	**1**	**Committee Recommendation**
3464	**AVID 4**	**12**	**1**	**Committee Recommendation**

MATHEMATICS

412	**Algebra I**	**9**	**1**	**None**
4121B	**Algebra/Lab**	**9**	**1 local, 1 state**	**Teacher Recommendation**
4191	**SAT Prep**	**12**	**½ local**	**None - Fall**
4192	**SAT Prep**	**11**	**½ local**	**None - Spring**
421	**Geometry Pre-AP**	**9-10**	**1**	**Algebra I and Teacher Recommendation**
422	**Geometry**	**10**	**1**	**Algebra I**
4221B	**Geometry/Lab**	**10**	**1 local, 1 State**	**Algebra I Lab, Teacher Recommendation**

431	Algebra II Pre-AP	10	1	Geometry and Teacher Recommendation
432	Algebra II	10 -11	1	Algebra I and Geometry and Teacher Rec
4322	Algebra II for Seniors	12	1	Algebra I, Geometry, Math Models or concurrent enrollment in Algebraic Reasoning
4323	Algebraic Reasoning (Formerly Math Models)	11-12	1	Algebra I (Reg or Lab), Geometry (Reg or Lab)
435	Statistics and Business Decision Making	11-12	1	Algebra II
441A	AP Pre-Calculus	11-12	1	Alg II and Teacher Recommendation
442	Pre Calculus	11-12	1	Geometry, Algebra II
443	Statistics AP	11-12	1	Algebra II Pre-AP or Teacher Recommendation
4324	Modified Algebraic Reasoning	11-12	1	ARD Recommendation
450	Math Independent Study –Calculus	12	1	Pre Calculus
451	Calculus AP	12	1	Pre Calculus and Teacher Recommendation
451BC	AP Calculus BC	12	1	Pre Calculus Pre-AP, Teacher Recommendation
454	Modified Pre-Algebra	9	1	ARD Recommendation
456	Modified Algebra I	9-10	1	ARD Recommendation
457	Modified Geometry	10-11	1	ARD Recommendation

TECHNOLOGY APPLICATIONS

490	Fundamentals of Computer Science	9-12	1	None
491	Computer Science Pre-AP (I)	9-12	1	Concurrent enrollment in Geometry Pre-AP or Geometry
492C	AP Computer Science A (II)	10-12	2	Computer Science Pre-AP, Teacher Recommendation

****256 Desktop Publishing, 9265 Principles of AV Technology, 9267 Video Production, 981 BIM or 9812 BIM II also meet the Technology Application requirement for graduation.**

SCIENCE

512	Integrated Physics & Chemistry	9-12	1	Teacher Recommendation
514	Modified IPC	9-12	1	ARD Recommendation
518	Modified Environmental Systems	11-12	1	ARD Recommendation

521	**Biology Pre-AP**	**9**	**1**	**Teacher Recommendation**
522	**Biology**	**9-12**	**1**	**None**
524	**Modified Biology**	**9-12**	**1**	**ARD Recommendation**
531	**Biology AP**	**11-12**	**1**	**Teacher Recommendation, Recommended PreAP Bio, PreAP Chem, Outside projects will be assigned**
9531	**Anatomy & Physiology I Honors**	**11-12**	**1**	**Teacher Recommendation, Recommended PreAP Bio, PreAP Chem**
532	**Chemistry Pre-AP**	**10-12**	**1**	**Teacher Recommendation required from Biology and current Math teacher**
533	**Chemistry I**	**10-12**	**1**	**Biology and Algebra I**
541	**Chemistry AP**	**11-12**	**1**	**Teacher Recommendation, Recommended Chem PreAP, Summer assignment required**
5411C	**Co-Enrolled Chemistry**	**11-12**	**1 high school 4 college hrs**	**Teacher Recommendation, Recommended Chemistry Pre-AP + Completion of College Algebra, Alg II - grade higher than "C", TSIA2**
550	**Physics**	**11-12**	**1**	**Successful completion of Algebra II or Concurrent Enrollment in Algebra II**
5502	**Physics Pre-AP**	**11-12**	**1**	**Algebra I, Geometry, and currently enrolled in Algebra II; Recommendation from math or chemistry teacher.**
5510	**AP Physics I (Algebra Based)**	**11-12**	**1**	**Recommended Pre-AP Physics; Physics teacher recommendation required**
561	**Environmental Science AP**	**10-12**	**1**	**Teacher Recommendation, Recommended PreAP Bio, PreAP Chem, Algebra I**
562	**Environmental Systems**	**11-12**	**1**	**Biology and IPC/Chemistry**
934	**Forensic Science**	**11-12**	**1**	**Biology and Chemistry**
935	**Principles of Technology**	**12**	**1**	**Algebra; Biology, IPC, and an advance science**

HEALTH EDUCATION

651	**Health Education**	**9-12**	**½**	**None**

PHYSICAL EDUCATION

6012-6013	**Boys Individual Sports**	**9-12**	**½**	**None**
6022-6023	**Boys Team Sports**	**9-12**	**½**	**None**
6141-6142	**Inclusive P.E.**	**9-12**	**½**	**ARD Recommendation**
6212-6213	**Girls Individual Sports**	**9-12**	**½**	**None**
6222-6223	**Girls Team Sports**	**9-12**	**½**	**None**

ATHLETICS

6041-47	Football	9-12	1	Coach Approval
6051-58	Basketball Boys	9-12	1	Coach Approval
6061-68	Soccer Boys	9-12	1	Coach Approval
6071-78	Baseball Boys	9-12	1	Coach Approval
6081-88	Golf Boys	9-12	1	Coach Approval
6091-98	Beginning Tennis	9-12	1	Coach Approval
60901-08	Advanced Tennis	9-12	1	Coach Approval
6101-08	Cross Country	9-12	1	Coach Approval
6241-48	Volleyball Girls	9-12	1	Coach Approval
6251-58	Basketball Girls	9-12	1	Coach Approval
6261-68	Soccer Girls	9-12	1	Coach Approval
6271-78	Softball Girls	9-12	1	Coach Approval
6281-88	Golf Girls	9-12	1	Coach Approval
6300A/B	Drill Team Prep	9-11	1	None
6301-06	Westernaires/Dance	10-12	1	Sponsor Approval
6311-18	Cheerleading	9-12	1	Elected Each Year
6551-58	Swimming	9-12	1	Coach Approval
6771-78	Trainer	9-12	1	Trainer Approval
6401-08	Track	9-12	1	Coach Approval

FINE ART

711	Art I	9-12	1	None
712	Art II	10-12	1	Art I & Teacher Recommendation
713	Art III	11-12	1	Art II & Teacher Recommendation
714	Art IV	12	1	Art III & Teacher Recommendation
721	Honors Band I, II, III, IV	9-12	1	Audition & Teacher Approval
722	Symphonic Band I, II, III, IV	9-12	1	Audition & Teacher Approval
723	Concert Band A I, II, III, IV	9-12	1	Audition & Teacher Approval
724	Concert Band B I, II, III, IV	9-12	1	Audition & Teacher Approval

725	Instrumental Ensemble	9-12	1	Audition & Teacher Approval
731	Choral Music Tenor Bass Choir	9-12	1	None
732	Concert Choir	10-12	1	Previous choral training, audition & Director Approval
734	Vocal Ensemble Ned and Co	10-12	1	Concurrent enrollment in another choir class, Audition and Director Approval
735	Chorale Music Treble Choir	9-12	1	None
736	Music Theory AP	10-12	1	Teacher Recommendation
741	Theatre Arts I	9-12	1	None
742	Theatre Arts II	10-12	1	Theatre Arts I, Teacher Recommendation
743	Theatre Arts III	11-12	1	Theatre Arts II, Teacher Recommendation
744	Theatre Arts IV	12	1	Theatre Arts III, Teacher Recommendation
746	Technical Theatre	10-12	1	Theatre Arts I, Teacher Recommendation
747	Theatre Production	9-12	1	Theatre Arts I and/or Audition Required

CAREER & TECHNICAL

Agriculture, Food, and Natural Resources

911	Principles of Agriculture, Food & Natural Resources (AFNR)	9-11	1	None
9161	Wildlife Fisheries & Ecology Management	10-12	1	Prin.of ANFR Recommended
9172	Practicum in Agriculture, Food & Natural Res	11-12	2	Prin. of AFNR, Selection Rubric
9173	Practicum in Agriculture, Food & Natural Res II	12	2	Practicum AFNR, Selection Rubric
9180	Equine Science	10-12	½	Prin.of ANFR Recommended
9182	Small Animal Management	10-12	½	Prin.of ANFR Recommended
919	Advanced Animal Science	11-12	1	Biology (Chemistry/IPC) Algebra I, Geometry & Sm Animal Mgmt. or Equine
9190	Veterinary Medical Applications	11-12	1	Prin. of AFNR, Sm Anim or Equine Recommended

Architecture and Construction				
9502	**Prin. Of Construction**	**9-12**	**1**	**None**
9503	**Construction Technology I/ Electrician Apprenticeship**	**11-12**	**2**	**Algebra I, Prin. of Construction recommended**
9504	**Construction Technology II/ Electrician Apprenticeship**	**12**	**2**	**Construction Technology I**
9505C	**HVAC Technology I**	**11-12**	**1**	**Dual enrollment LSCPA semester I & II: HART 1310 & 1342**
9506	**HVAC Technology II**	**12**	**2**	**Dual Enrollment LSCPA semester I & II: HART 1307 & 1345**
9520	**Pipefitting Technology I**	**11-12**	**1**	**Intro to Welding or Prin. of Construction**
9521	**Pipefitting Technology I Lab**	**11-12**	**1**	**Intro to Welding or Prin. of Construction**
9522	**Pipefitting Technology II**	**12**	**1**	**Pipefitting Technology I / NCCER Core**
9523	**Pipefitting Technology II Lab**	**12**	**1**	**Pipefitting Technology I / NCCER Core**
Arts, Audio/Video Technology, and Communications				
9261	**Professional Communications**	**9-12**	**½**	**None**
9265	**Principles of Arts, A/V Tech & Communications**	**10-12**	**1**	**None**
9267	**Audio Video Production I**	**10-12**	**1**	**Prin. of A,A/VT&C Recommend., Selection Rubric**
9269	**A/V Production II with lab**	**11-12**	**2**	**Audio Video Production I**
Business, Marketing, and Finance				
9101	**Principles of Business, Marketing & Finance**	**9-12**	**1**	**None**
972	**Banking & Financial Services**	**9-12**	**½**	**Recommended PBMF**
973	**Virtual Business**	**10-12**	**½**	**PBMF or BIM I Recommended**
974	**Accounting I**	**10-12**	**1**	**Recommended PBMF**
975	**Accounting II**	**10-12**	**1**	**Accounting I**
976	**Social Media Marketing**	**10-12**	**½**	**PBMF or BIM I Recommended**
980	**Business English**	**12**	**1**	**English III**
981C	**Business Information Mgmt I**	**9-12**	**1**	**None**
9812C	**Business Information Mgmt II**	**10-12**	**1**	**Business Information Mgmt I**
9831	**Practicum in Business Mgmt w/ ext. Practicum**	**12**	**3**	**Recommended PBMF & 1 other Business Credit / Selection Rubric**
9841	**Practicum in Marketing w/ ext practicum**	**11-12**	**3**	**Recommended PBMF & 1 other Marketing Credit / Selection Rubric,**
9851	**Practicum in Marketing II w/ ext practicum**	**12**	**3**	**Practicum in Marketing, selection rubric**

Education and Training				
921	**Principles of Human Services**	**9-10**	**1**	**None**
9271	**Child Development**	**10-12**	**1**	**Prin. of Human Services Recommended**
920	**Instructional Practices/Peer Tutoring**	**12**	**2**	**Prin. of Human Services Recommended & Selection Rubric**
Engineering				
9511	**Principles of Applied Engineering**	**9-12**	**1**	**None**
953	**Engineering Design & Presentation I**	**10-12**	**1**	**Principles of Applied Engineering recommended**
9533	**Engineering Design & Presentation II**	**11-12**	**2**	**Engineering Design & Presentation I**
9534	**Robotics I**	**9-12**	**1**	**Principles of Applied Engineering recommended**
9535	**Robotics II**	**10-12**	**1**	**Robotics I**
Health Science				
960	**Health Science Theory**	**11-12**	**1**	**Biology & Prin. of Health Science Recommended**
9601	**Principles of Health Science**	**9-12**	**1**	**None**
962	**Practicum in Health Science w/ ext. Practicum: CNA**	**12**	**3**	**Health Science Theory & 1 other Health Science Credit that may be taken concurrently, Selection Rubric**
9625	**Practicum in Health Science: CPCT/A**	**12**	**2**	**Health Science Theory & 1 other Health Science that may be taken concurrently, Selection Rubric**
9631	**Medical Terminology**	**10-12**	**1**	**Prin. of Health Science Recommended**
9531	**Anatomy & Physiology I Honors**	**11-12**	**1**	**Biology & Chem I Pre-AP (Bio & Chem), selection Rubric**
Culinary Arts				
9281	**Intro. To Culinary Arts**	**10-12**	**1**	**Recommended LN&W**
9282	**Culinary Arts**	**11-12**	**2**	**Intro. To Culinary Arts**
9284	**Advanced Culinary Arts**	**12**	**2**	**Culinary Arts**
Human Services				
921	**Principles of Human Services**	**9-10**	**1**	**None**
9271	**Child Development**	**10-12**	**1**	**Prin. of Human Services Recommended**
929	**Dollars and Sense**	**9-12**	**½**	**Prin. of Human Services Recommended**
922	**Fashion Design I**	**10-12**	**1**	**Prin. of Arts, A/V Tech, & Comm. Recommended**
923	**Lifetime Nutrition & Wellness**	**10-12**	**½**	**Prin. of Human Services Recommended**

9251	**Family & Community Services**	**10-12**	**1**	**Prin. of Human Services Recommended**
9265G/9275P	**Career Preparation I w/ ext practicum**	**11-12**	**3**	**Selection rubric**
9266G/9276P	**Career Preparation II w/ ext practicum**	**12**	**3**	**Career Preparation I, selection rubric**
9451C	**Cosmetology I (LSCPA)**	**11-12**	**3 high school 7 semester credit hours per semester**	**None**
9461C	**Cosmetology II (LSCPA)**	**12**	**3 high school 7 semester credit hours per semester**	**Cosmetology I**
		Law and Public Service		
930	**Law Enforcement I**	**10-12**	**1**	**Prin. of LPSCS Recommended**
931	**Law Enforcement II**	**11-12**	**1**	**Law Enforcement I**
9321	**Principles of Law, Public, Safety, Corrections & Security**	**9-12**	**1**	**None**
933	**Court Systems & Practices**	**10-12**	**1**	**Prin. of LPSCS Recommended**
934	**Forensic Science**	**11-12**	**1**	**Biology, Chemistry, or Biology and 2 sciences**
		Welding		
9412	**Intro. To Welding**	**10-11**	**1**	**Interest Form**
9421DC	**Welding I**	**11-12**	**2**	**Intro. To Welding, Interest Form**
9471DC	**Welding II**	**12**	**2**	**Welding I, Interest Form**
948C	**Process Operating Technology**	**12**	**2 high school 7 credit hours**	**Dual credit w/ LSCPA**
		Automotive		
9401	**Automotive Basics**	**9-12**	**1**	**None**
9431C	**Automotive Technology I**	**10-12**	**2**	**Automotive Basics, 10th grade w Teacher Recommend.**
9441C	**Automotive Technology II**	**11-12**	**2**	**Automotive Technology I**

COMMUNICATIONS, ELA AND LANGUAGES

200 Reading – 1 cr.
For students needing to develop further reading skills. ARD Recommendation

2001/2002 Reading – ½ cr.
For students needing to develop further reading skills. Semester class. ARD Recommendation

211 English I Pre-AP – 1 cr.
English I Pre-AP engages college bound students in a rigorous curriculum in order to grow them into independent readers, writers, and thinkers. This course focuses on the critical reading of expository and literary texts, the writing process, and literary analysis. In reading, the students will learn how to fully analyze a text using strategies such as dialectical journaling, annotating, and other close reading techniques. In writing, students will learn to compose thoughtful compositions and adapt writing style and tone to audience and purpose using precise syntax, phrasing, and dictation. Students will learn to write a research paper using the M.L.A. format, and will incorporate technology whenever applicable. *Completion of summer reading required.*

212 English I – 1 cr.
This course introduces all freshman level students to the writing and research process. Students will write across multiple genres with focus primarily on expository writing. In addition, students will develop age appropriate revising and editing skills. The exploration of literature will include the comprehension and analysis of: the novel, short stories both fiction and nonfiction, drama, the epic and poetry. Students are expected to use technology to produce multiple products and to enhance their reading and writing skills.

214 Modified English I – 1 cr.
This course gives emphasis to the further development of reading skills, grammar and usage, punctuation, vocabulary, and sentence structure. The study of literature includes the novel, short story, drama, and the epic. Students are expected to use appropriate technology to produce computer-generated answers to research questions. ARD Recommendation

221 English II Pre-AP – 1 cr.
The focus of this course is to extend students' exploration of self and society by examining the shared stories of humans around the world. This course will take a combined geographic, chronological, and thematic approach in order to provide students not only with a sense of humans' shared experiences, but also with an understanding of how these experiences were shaped by history, culture, and geography of different parts of the world. *Completion of summer reading required.*

222 English II – 1 cr.
This course is required for graduation and a STAAR tested course. The course strongly focuses on analyzing elements of World Literature (fiction, non-fiction, poetry, and drama) while making modern day connections to the literature. An emphasis is placed on persuasive essay writing and a research paper to prepare students for STAAR and college readiness. Students will further develop their grammar, punctuation, and proofreading skills to enhance their writing abilities. STAAR preparation, college readiness, and real world expectations will be met through a variety of genres including: class discussions, group projects, and individual achievements.

224 Modified English II – 1 cr.
This course gives emphasis to the further development of reading skills, grammar and usage, punctuation, vocabulary, and sentence structure. The study of literature includes the novel, short story, drama, and the epic. Students are expected to use appropriate technology to produce computer-generated answers to research questions. ARD Recommendation

231 English III AP – 1 cr. (Lang & Comp)
This course focuses on the studying and writing of various kinds of analytical and persuasive essays on non-literary topics of many disciplines and historical periods. Throughout the course, students develop a personal writing style in addition to evaluating, synthesizing, and citing research to support their arguments. *Completion of summer reading required.*

232 English III – 1 cr.
Develops an appreciation of American literature and poetry through reading of various texts from various time periods. Composition, editing, research and vocabulary skills will be further developed. A research paper is required.

234 Modified English III – 1 cr.
This course provides a chronological study of selections in English literature, which develops an appreciation of American culture. Fundamentals of grammar, punctuation, vocabulary, and sentence structure are studied in conjunction with technology related activities that will be considered important in the search for jobs/careers after high school. ARD Recommendation

241 English IV AP – 1 cr. (Lit. & Comp)
This course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. While they read, students consider the work's structure, style and theme, as well as its use of figurative language and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. *Completion of summer reading required.* Teacher Recommendation

242 English IV – 1 cr.
Study of selections in English literature fused with the principles of grammar and composition. This class aids students in improving written communication and reading comprehension in preparation for college readiness. The completion of a senior research paper/project is required for graduation.

243 Co-Enrolled Eng. Comp 1301 and 1302. – 1 H. S credit & 3 college hours/sem. (12th grade)
Students must be ready to complete rigorous, collegiate work that includes daily homework and reading. 1st semester: An analytical essay based class with emphasis on grammar, writing, and literary analysis skills. 2nd semester: A research paper based class with emphasis on college-level research and writing skills. *Must meet TSIA2 standard and completion of summer reading required.*

2431 Co-Enrolled English Comp RHE 306- 1 high school credit and 3 college hrs./semester (11th grade)
RHE 306 is a writing seminar course in argumentation that situates rhetoric as an art of civic discourse. It is designed to enhance students' ability to research and analyze the various positions held in any public debate and to advocate their own position effectively to a target audience. Students will also explore the ethics of argumentation, explaining what it means to "fairly" represent someone with whom one disagrees or how to responsibly address a community with particular values and interests. Their work in this course will help students advance the critical writing and reading skills needed to succeed in college and in professional careers. Students can expect to read and write daily. This course fulfills the University of Texas at Austin core curriculum requirement for English Composition (Texas core code 010).

2432 Co-Enrolled English Lit 2322 and 2323- 1 high school credit and 3 college hrs/semester (12th grade)
A survey of the development of British literature from the Anglo- Saxon period to the present. Students will study prose, poetry, drama and fiction to their relation historical, linguistics, and cultural contexts. Text will be selected from a diverse group of authors and traditions. *Prerequisite: Engl 1301 and Engl 1302 and completion of summer reading*.

980 Business English – 1 cr.
In Business English, students enhance communication and research skills by applying them to the business environment, in addition to exchanging information and producing properly formatted business documents using emerging technology. *Note: This course satisfies the English IV credit requirement for students on the Foundation High School Program.* English II

244 Modified English IV – 1 cr.
This course provides a chronological study of selections in English literature, which develops an appreciation of American culture. Fundamentals of grammar, punctuation, vocabulary, and sentence structure are studied in conjunction with technology related activities that will be considered important in the search for jobs/careers after high school. ARD Recommendation

247 Creative Writing – ½ cr.
Designed primarily for students with a particular interest in language arts and creative/imaginative writing.

248 Poetry – ½ cr.
Provides students the opportunity to examine a variety of poetic forms, study the work of renowned poets, participate in oral interpretation, and write original poetry.

251 Journalism I – 1 cr.
1st semester-journalism terms and roles of journalist; news, feature, editorial and headline writing. 2nd semester-digital photography and digital design using Adobe Photoshop, InDesign, and Illustrator software. Course requirement for Newspaper and Yearbook.

252 Adv. Journ: Yearbook/Photo- 1 cr. Publish the Pilot. Teacher Approval

253 Adv.Journ:Newspaper/Photo – 1 cr. Publish the BULLDOG BEAT. Teacher Approval

256 Desktop Publishing – 1 cr. Counts as a computer requirement, 3rd year Advanced Journalism course. Teacher Approval

2601/2602 Ind. Study Speech – ½ or 1 cr.
Students may sign up for the first semester or both semesters of this course. Students participate in extensive research on a wide variety of topics. Team for academic decathlon is selected from this class. Sponsor Recommendation required

263 Debate I – ½ or 1 cr.
Primarily geared to debate/forensics skills: analysis, reasoning, research, etc. Students will keep up with current events and compile information regarding important events in history, government, and popular culture. Students will also learn competitive speaking skills. This course also includes competitive forensic activity. Some weekend travel is required. Teacher Approval

263 Debate II – 1 cr.
Geared to experienced debaters. Students will research and write forensic cases that adhere to the current UIL and TFA debate topics as well as keep current with all events in the nation and the world. This course involves competitive forensic activity. Weekend travel is required. Teacher Approval

271 French I – 1 cr.
Introduction to basic conversational French skills: vocabulary, grammar, reading, writing, speaking and understanding; along with songs, poetry, culture and geography of French-speaking countries.

272 French II – 1 cr.
Expansion of French I skills, with emphasis on oral, reading, writing, additional vocabulary and grammar skills, listening comprehension; and culture of French-speaking countries.

2721 French II Pre-AP - 1 cr.
Expansion of French I skills with emphasis on basic oral proficiency, additional vocabulary and high-level grammar, skills, culture of Francophone countries. This course will be a preparatory course for French III Pre-AP. French I and Teacher Recommendation.

2731 French III Pre-AP – 1 cr.
Advanced French grammar with emphasis on intermediate oral proficiency, understanding, and vocabulary of the French language and culture of Francophone countries. French II Pre-AP and Teacher Recommendation.

2741 French IV AP – 1 cr.
Preparation for college AP exam with emphasis on advanced comprehension and oral proficiency, vocabulary, grammar of the French language, French Literature & Arts as well as culture of Francophone countries. French III Pre-AP and Teacher Recommendation.

291 Spanish I – 1 cr.
Introduces students to the Spanish language fundamentals, focusing on building a strong foundation in grammar and vocabulary. Students will learn essential grammar rules to construct complete sentences and communicate basic ideas. Vocabulary acquisition will emphasize practical, everyday topics, enabling students to express personal likes, describe daily activities, and engage in simple conversations. Throughout the course, students will practice asking and answering questions in Spanish, developing confidence in basic communication skills. This course is ideal for students new to the language who seek to build their proficiency gradually and engage in real-life dialogue while learning some culture.

292 Spanish II – 1 cr.
A course that builds on foundational language skills from Spanish I; guiding students toward a stronger command of Spanish through mid-to-advanced grammar rules and complex sentence structures. Students will expand their vocabulary to articulate daily routines, recount past activities, and share childhood memories in greater detail. The course emphasizes conversational fluency, encouraging students to ask and respond to more mid-level questions in various contexts. Students will gain confidence in expressing past and present experiences through engaging activities and practical application.

292P Spanish II PreAP – 1 cr.
This course builds on the foundational skills covered in Spanish I, deepening students' understanding of mid-to-advanced grammar rules and expanding their vocabulary to describe daily routines, past activities, and childhood memories. In addition to enhancing reading and writing skills, this course strongly emphasizes listening and speaking through presentational projects. Students engage in interactive activities and oral presentations that strengthen their conversational fluency and ability to respond to complex questions. By focusing on practical communication, Spanish II Pre-AP prepares students for continued proficiency and success in advanced Spanish courses. Spanish I and Teacher Recommendation required.

2931 Spanish III PreAP – 1 cr.
It is designed to prepare students for the rigor of AP Spanish by focusing on advanced grammar, complex sentence structures, and elevated vocabulary. This course emphasizes mastery of high level grammatical tenses, as well as compound and complex syntax essential for the AP exam. Students will engage in spontaneous speaking exercises, building confidence in responding to on-the-spot questions with accuracy and fluency. Listening and pronunciation skills are further developed to enhance comprehension and natural expression. Additionally, students will learn to communicate hopes, wishes, recommendations, and impersonal observations, equipping them with the nuanced language needed for sophisticated communication. This course provides a strong foundation for success in Spanish IV AP. Spanish II Pre-AP Recommended and Teacher Recommendation required.

294-Spanish IV AP Language and Culture – 1 cr.
An advanced and rigorous course that prepares students to use Spanish at a sophisticated, college-level proficiency. Emphasizing AP-level vocabulary and idiomatic expressions, this course builds skills essential for success on the AP exam. Students will engage with authentic Spanish-language articles and podcasts that explore global challenges, cultural practices, and products from diverse Spanish-speaking countries. Through spontaneous conversations and targeted strategies for excelling in the AP exam's four free-response questions, students will refine their listening, reading, speaking, and writing abilities. This course guides students toward a deep cultural understanding and an advanced level of communication in Spanish. Spanish III Pre-AP and Teacher Recommendation required.

2950 Spanish V AP Literature – 1 cr.
A rigorous, college-level course that immerses students in a comprehensive study of 38 literary works from the Spanish-speaking world, spanning from medieval to contemporary times. Students will explore a variety of literary terms and genres, including poetry, prose, and drama, analyzing themes, historical contexts, and literary techniques. Through close reading and in-depth discussions, students will gain insights into the diverse voices and cultural practices represented in Hispanic literature. The course emphasizes higher-level critical thinking, analytical writing, and advanced interpretive skills, preparing students for the AP exam and fostering a deep appreciation of Spanish-language literature and culture. Spanish IV and Teacher Recommendation.

SOCIAL STUDIES

312 World Geography – 1 cr.
A study of the physical and human systems that shape the world and how they interact.

314 Modified World Geography – 1 cr.
A study of the physical and human systems that shape the world and how they interact. Emphasis on vocabulary and regional locations. ARD Recommendation

321 World History – Pre-AP– (10gr.) 1 cr.
Offers an overview of an entire history of humankind – a study of significant people, events, and issues from ancient times to the present, both Western civilization and other significant cultures. Geography and its impact on people and events is a major theme in this course. In addition, students will analyze the development of representative government and important legal and political concepts. They examine the history and impact of major religious and philosophical traditions. Students will also analyze the connections between developments in science and technology and the growth of industrial economics. Students will use a variety of primary and secondary sources such as biographies, autobiographies, novels, speeches and letters, poetry, music and works of art to support this study. This course requires extensive reading and writing. English & Social Studies Teachers Recommendations

322 World History – 1 cr.
A study of man's past with emphasis on geography, law, government, the arts, and major world religions.

323 World History AP-1 cr.
A study of the culture, economic, political, and social developments that have shaped the world from c. 1200 CE to the present. Students will analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments. Heavy focus will be on evaluating primary and secondary sources, analyzing the claims, evidence, and reasoning found in sources, putting historical developments in context and making connections between them, and coming up with a claim or thesis and explaining and supporting it in writing. English & Social Studies Teachers Recommendations

324 Modified World History – 1 cr.
A study of man's past with emphasis on geography, law, government, the arts, and major world religions. ARD Recommendation

328 Sociology – ½ cr.
Introduces students to the problems of people living together as social groups. Problems such as crime, poverty, civil rights, and population are studied as separate units.

329 Psychology – ½ cr.
Deals with human behavior. The sum of a person's actions, traits, attitudes, thoughts, feelings, and desires are explored.

331 United States History AP – 1 cr.
Designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. Prepares students to take the Advanced Placement Exam for college credit. English & Social Studies Teachers Recommendations

332 United States History – 1 cr.
A study of the United States from the Civil War into the 20th century.

334 Modified U.S. History – 1 cr.
A study of the United States from the Civil War into the 20th century. ARD Recommendation

342 United States Government – ½ cr.

American government assists students in the preparation for citizenship responsibilities in our democratic society and includes practical applications to the political process.

3421 Co-Enrolled Government – ½ H.S. credit & 3 college hours
Covers the required objectives of high school government as well as providing a study of the national and Texas constitutions; federalism, political socialization, and participation; public opinion and interest groups, parties, voting and elections. Students will receive credit for both high school government and 2305 Introduction to American Government I (college). *Must meet TSIA2 Standard.* English & U.S. History Teachers Recommendations

3422 United States Government & Politics AP– ½ cr.
This course requires analysis of literature on the structure of the U.S. Government and how our government functions. The ultimate goal for the course is to prepare the students for the AP Exam and introduce college level curriculum. The design of this course includes a heavy emphasis on writing and interpreting historical data and research. English & U.S. History Teachers Recommendations

3423 Co-Enrolled Texas Government - ½ cr.
Provides a study of the origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter- governmental relations, political participation, the election process, public policy, and the political culture of Texas. Students will receive credit for Government 2306. (3 college hours) *Must meet TSIA2 standard.* English & U.S. History Teachers Recommendations

343 Economics – ½ cr.
A study of the American free enterprise system. Other topics include decision-making in the investment process, the profit motive, competition, economic inter- Dependence, and the rules of business, labor, and government.

3431 Co-Enrolled Economics – ½ H.S. credit & 3 college hours
Introduction to economic principles; allocation of resources; determination of output and prices; distribution and managerial economics, monetary theory; national income analysis; fluctuation and growth; public finance; international trade and current economic problems. Students will receive credit for both high school economics and 2302 Principles of Microeconomics (college). *Must meet TSIA2 standard.* U.S. History Teacher Recommendation

3432 Macroeconomics AP – ½ cr.
This course is designed as a foundation for possible future study in economics or business. It requires analysis and interpreting of literature and data on how our economy functions. The ultimate goal for the course is to prepare the students for the AP Exam and introduce college level curriculum. U.S. History Teacher Recommendation

3433 Personal Financial Literacy - ½ cr.
Includes instruction in personal financial literacy, setting financial goals, instruction in methods for paying college, completing the application for federal student aid (FAFSA) provided by the United States Department of Education, and other postsecondary training.

344 Modified U.S. Government – ½ cr.
American Government assists students in the preparation for citizenship responsibilities in our democratic society and includes practical applications to the political process. ARD Recommendation

345 Modified Economics – ½ cr.
A study of the American free enterprise system. Other topics include competition, economic interdependence, and the rules of business, labor, and government. ARD Recommendation

3461 – 3464 AVID – 1 cr.
The AVID elective class prepares students in the academic middle for college eligibility and success. Students receive instruction in writing, inquiry, collaboration, and reading strategies in addition to note-taking and organizational skills that are necessary for academic success. AVID students must enroll in at least one Pre-AP or AP course in addition to the AVID elective class. Support is provided during the AVID class to ensure student success in all courses. Skills acquired in this course will be implemented by the student across the curriculum. Students are selected based on teacher recommendations, student interviews, and other factors. AVID Committee Recommendation

MATHEMATICS

412 Algebra I – 1 cr.
First of state required mathematics credits. Emphasis is placed on skills necessary for success in future math courses, as well as STAAR EOC readiness. Placement based on 8th grade Teacher Recommendation.

4121 A/L Algebra I/Algebra Lab – 1 state/1 local cr.
First of state required mathematics credits. This course is designed for those students that need daily reinforcement of Algebra concepts and skills. Placement based on 8th grade Teacher Recommendation.

4191 SAT Prep – ½ (local) cr. (Fall Semester)
For 12th grade students. Designed to prepare students for the Math, Verbal and Writing portions of the SAT. Instruction and test taking strategies will be incorporated in this course.

4192 SAT Prep – ½ (local) cr. (Spring Semester)
For 11th grade students. Designed to prepare students for the Math, Verbal and Writing portions of the SAT. Instruction and test taking strategies will be incorporated in this course.

421 Geometry Pre-AP – 1 cr.
A College Board approved Geometry course designed to provide students, intending to pursue upper-level college math courses, with a meaningful conceptual bridge between algebra and geometry thus deepening their understanding of mathematics. Students will utilize the College Board platform to complete mandatory checkpoints, performance tasks, and other challenging topics and projects.

422 Geometry – 1 cr.
College preparatory course and second of the state required math credits. A highly organized study of geometric figures in one, two, and three dimensions, including formal mathematical proofs.

4221 A/L Geometry/Geometry Lab – 1 state/1 local cr.
The second of the four state required mathematics credits. This course is designed for those students who need daily reinforcement of Geometry concepts and skills. Teacher Recommendation

431 Algebra II Pre-AP – 1 cr.
An in-depth study of Algebra II concepts designed for students who will take Precalculus Pre-AP and Calculus AP. Teacher Recommendation

432 Algebra II – 1 cr.
A college preparatory course that builds on concepts studied in Algebra I and Geometry and introduces higher level math concepts needed for Pre-Calculus. This course is intended for students planning to graduate on the Foundation with Endorsement Plan. Teacher Recommendation

4322 Algebra II for Seniors – 1 cr.
Designed exclusively for seniors needing their fourth math credit. This course will prepare students for introductory college math courses.

4323 Algebraic Reasoning (Formerly Math Models) – 1 cr.
A preparatory class for Algebra II. Students will build on the concepts learned in Algebra I and introduce some Algebra II concepts at a gradual pace. This is to better prepare the students for the high complexity of Algebra II.

435 Statistics and Business Decision Making - 1 cr.
Introduces students to major concepts for collecting, analyzing and making inferences from statistical studies. Topics include statistical process sampling, variability, categorical and quantitative data, and probability. Statistics and Business Decision Making is an introduction 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. This course is designed for college-bound seniors. This course aligns with Business Management, as well as, the Marketing and Sales CTE programs This course is designed for college-bound seniors. .

441A AP Pre Calculus – 1 cr.
Provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. This course explores a variety of function types and their applications-polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices. Prepares students to take the College Board Advanced Placement Precalculus Exam in the spring. Teacher Recommendation Recommended prerequisite:Pre AP Algebra II

442 Pre Calculus – 1 cr.
Designed for students not planning to take Calculus AP in high school. A study of functions and graphs, trigonometry, vectors and sequences and series.

443 Statistics AP – 1 cr.

Introduces students to major concepts for collecting, analyzing, and drawing conclusions from data. Topics include probability, exploratory analysis and statistical inference. Prepares students to take the College Board Advanced Placement Statistics Test in the Spring. Teacher Recommendation

4324 Modified Algebraic Reasoning – 1 cr.
Applied Math Models teaches students skills that they see as practical and needed for everyday living. The importance and relevance of each new skill presented is emphasized with opportunities to apply the skill in practical situations. Measurement, use of fractions in the home, and checkbooks are examples of the skills emphasized. ARD Recommendation

450 Math Independent Study – Calculus – 1 cr.
The study of differential and integral calculus. Prepares students to master calculus at the university level. Introduces topics taught in the first semester of college calculus during the two semester school year.

451 Calculus AP – 1 cr.
The study of differential and integral calculus. Prepares students to take the College Board Advanced Placement Test in the Spring to earn one 4-hour college credit of calculus. Teacher Recommendation Recommended prerequisite: Pre AP Pre Calculus or AP Pre Calculus

451BC AP Calculus BC - 1cr
The study of differential calculus, integral calculus, sequences and series. Prepares students to take the College Board Advanced Placement Test in the spring to earn two 4-hour college credits of calculus. Teacher Recommended

454 Modified Pre-Algebra – 1 cr.
Applied Pre-Algebra is for students who need more instruction in mathematics before entering a formal algebra program. The course teaches basic concepts of mathematics and introduces algebra concepts in a step-by-step approach. Because students learn in many different ways, emphasis is placed on including instruction using a variety of modalities. ARD Recommendation

456 Modified Algebra – 1 cr.

Applied Algebra teaches the basic concepts of algebra in a step-by-step approach that meets the standards set by the state of Texas. This curriculum is for students who need extra help grasping new concepts. Because students learn in many different ways, emphasis is placed on including instruction using a variety of modalities to promote concept mastery. ARD Recommendation

457 Modified Geometry - 1 cr.
Modified Geometry is for students who need more instruction and extra help in grasping new mathematical concepts. The course teaches basic geometrical concepts in a step-by-step simplified approach. Emphasis is placed on including instructions using a variety of modalities. ARD recommendation

TECHNOLOGY APPLICATIONS

490 Fund. Computer Science I – 1 cr.
An introductory course in structured programming using a variety of languages. It is a preparatory course for those planning to enter the fields of engineering or mathematics.A strong background in Math is recommended.

491 Computer Science Pre-AP – 1 cr.
A course in structured programming using Java. It is a preparatory course for those planning to enter the fields of computer science, engineering, mathematics, or plan to take Computer Science AP course. Can also count as 1 LOTE credit.A strong background in Math is recommended. Algebra I prerequisite

492/492A/LOTE Computer Science AP – 1 cr.
A continuation of Computer Science Pre AP using Java. Prepares students for the Advanced Placement Computer Science Test in the Spring. Counts as an advanced math and 1 LOTE. Teacher Recommendation A strong background in Math is recommended.

SCIENCE

512 Integrated Physics & Chemistry – 1 cr.
Students will be introduced to concepts of both physics and chemistry. Topics include force, motion, energy, matter, elements, compounds and the periodic table. This course is a lab-oriented course in which students will conduct laboratory investigations, use scientific practices during investigation and make informed decisions using critical thinking and problem solving. Designed to be taken before Chemistry or Physics.

514 Modified IPC– 1 cr.
Introduces basic mathematical and physical theories dealing with the forces of the Earth. ARD Recommendation

518 Modified Environmental Science - 1 cr.
Introduces the basics and special topics of ecology, relationships in environmental systems, flow of energy, populations, the natural environment, agricultural practices and pollution. ARD Recommendation.

524 Modified Biology – 1 cr.
Introduces the student to the growth, development, and activities of both plants and animals. ARD Recommendation

521 Biology Pre-AP – 1 cr.
Students in Biology focus on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics, biological evolution; and interdependence within environmental systems. Pre-AP students will explore topics in greater depth and be prepared for future AP-level courses. Projects will be required and independent studying will be necessary for success. EOC tested. Prerequisites: 8th grade teacher recommendation and recommended B or better science grade.

522 Biology I – 1 cr.
Biology is a natural science concerned with the study of life and living organisms. Topics include cellular biology, biochemistry, homeostasis, photosynthesis, cellular respiration, genetics, ecology, plants, taxonomy and biological evolution. Laboratory work is a part of this course. EOC tested.

531 Biology AP – 1 cr.
This course is designed especially for those interested in medical and biological fields. Dissection of a cat is included in this course. Prerequisites: Chemistry I Pre-AP, Biology I Pre-AP with A-B average in both. Teacher Recommendation (both Biology & Chemistry)

9531 Anatomy & Physiology Honors – 1 cr.
Essential principles of human anatomy and physiology are presented, including basic chemistry, cell and tissue, the integument, skeletal, muscular and nervous systems, the structure and function of the human body and mechanisms for maintaining homeostasis with it. Prerequisites: Biology and Chemistry I Pre-AP. Student must have an A-B average in previous science courses. Teacher Recommendation (both Biology & Chemistry)

532 Chemistry Pre-AP – 1 cr.
An enriched course concerned with matter and its changes, atomic structure, periodicity and physical states. The laboratory emphasizes basic chemical apparatus and procedure. Designed for students planning to take Chemistry AP, Co- enrolled Chemistry and Biology AP or AP Physics I Pre-AP. Teacher Recommendation (Biology)

533 Chemistry I – 1 cr.
Students will use scientific practices to conduct laboratory investigations and use critical thinking and scientific problem solving while investigating how chemistry is an integral part of our daily lives. Students study a variety of topics that include atomic theory, the Periodic Table, chemical bonding, chemical stoichiometry, gas laws, solutions, acid-bases, thermochemistry, and nuclear chemistry. Prerequisites: one credit of high school science and Algebra

541 Chemistry AP – 1 cr.
This course is designed especially for those students who plan to study chemistry, engineering, or medicine in college. Much time is devoted to laboratory work where both known and unknowns are tested. Chemistry I Pre-AP is required. Chemistry Pre-AP Teacher Recommendation. *Completion of summer assignments required.*

5411 Co-Enrolled Chemistry – 1 H.S. credit and 4 college hours
Introduction to chemistry for students who plan to attend college. Topics include atomic structure, the periodic table, formulas, equations, properties of solutions, stoichiometry, bonding, and thermochemistry. Students will receive credit for both high school Chemistry and General Chemistry 1411 (college). *Must meet TSIA2 standard.* Chemistry Pre-AP Teacher Recommendation

550 Physics – 1 cr.
An approach to physics with focus on concepts by using real-life applications. This course takes the big idea and makes them understandable to the student. A course to teach students how to think with emphasis on problem- solving skills and provides a solid science foundation that prepares students for college-level courses. Prerequisite: Successful completion of Alg II or currently enrolled in Algebra II

5502 Pre-AP Physics - 1 cr.
This course covers topics similar to Physics I, but topics are covered more in depth with more complicated problem solving. Students will also develop skills in experiment design and additional skills to help them in AP level Physics. Math or Chemistry Teacher Recommendation and have completed Algebra II or currently enrolled in Alg II

5510 AP Physics I (Algebra based) – 1 cr.
This course covers a scope equivalent to an algebra-based college Physics I course. Students will cover Kinematics, Newtonian Mechanics, Momentum, Circular and Rotational Motion, Energy, Momentum, Oscillations, Fluids, and Rotational Dynamics. Prepares students to be successful at AP level problem solving and experiment designs. Physics Teacher Recommendation and recommended Pre-AP Physics

561 AP Environmental Science - 1 cr.
AP Environmental Science is a hands-on class that includes laboratory investigations, field studies, and scientific field trips. Class pairs well with AP Biology or AP Chemistry. Prerequisites: teacher recommendation from science and math teachers. Recommended Pre-AP Biology, Pre-AP Chemistry, and Algebra I

562 Environmental Systems - 1 cr.
Students conduct laboratory and field investigations to study ecology, relationships in environmental systems, flow of energy, populations, the natural environment, agricultural practices and pollution. The class is hands-on filled with laboratory experiences and field work. Prerequisites: Biology, and IPC/Chemistry

934 Forensic Science – 1 cr.
A combination of biology, chemistry and physics will be applied to techniques used in the forensic science field. Students will learn the basics of crime scene analysis and apply the various sciences behind solving crimes through hands-on experiments. Examples of units include examining DNA evidence, applications of anthropology, trace evidence analysis, and autopsy (of a pig). Prerequisite: Biology and Chemistry. Forensic Science can be taken concurrently with the third unit of science.

935 Principles of Technology - 1 cr.
Students will conduct laboratory and field investigations and use scientific methods. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students will apply physics concepts and perform laboratory experimentations for at least 40% of instructional time. Physics class that focuses on careers in Physics. Prerequisite: Algebra I; Biology, IPC, and an advanced Science.

HEALTH EDUCATION

651 Health Education – ½ cr.
Designed to give students a basic foundation of general and specific health knowledge that should enable them to live a fuller and healthier life. Included in this course are units on emotional and mental health, nutrition, drug abuse, CPR, first aid, communicable disease, environmental health, and human sexuality. Principles of Health Science (9601) can be substituted for Health Education.

PHYSICAL EDUCATION

6012 Boys Individual Sports – ½ cr.
Students are expected to participate in a wide range of individual sports that can be pursued for a lifetime. Health related fitness is emphasized.

6022 Boys Team Sports – ½ cr.
Students will develop health related fitness and an appreciation for team work and fair play.

6141-6142 Inclusion P.E. – ½ cr.
Course focuses on the improvement of basic life skills and activities. The course also involves working with students who have physical and mental disabilities. ARD Recommendation

6212 Girls Individual Sports – ½ cr.
Students are expected to participate in a wide range of individual sports that can be pursued for a lifetime. Health related fitness is emphasized.

6222 Girls Team Sports – ½ cr.
Students will develop health related fitness and an appreciation for team work and fair play.

FINE ARTS

711 Art I – 1 cr.
Introductory art elements and principles of design and their application in such areas as drawing and painting.

712 Art II – 1 cr.
Teaches the development of creativity and skills through advanced individual projects in familiar media and experimentation in new media. Teacher Recommendation

713 Art III – 1 cr.
Students set individual goals and objectives in a variety of media through advanced projects and individual work in sculpture, painting, composition, and cultural art. Teacher Recommendation

714 Art IV – 1 cr.
Personal goals and individual projects developed. Portfolios developed along the Advanced Placement Guidelines which includes a body of related works based on an individual's interest in a particular visual concern. Teacher Recommendation

Placement in band is not permanent and will be reviewed every semester.

721 Honors Band I, II, III, IV – 1 cr.
Designed to challenge those students who have achieved the highest musical standards. Teacher Approval

722 Symphonic Band I, II, III, IV – 1 cr.
Designed for those students with moderate musical experience. Teacher Approval

723 Concert Band A I, II, III, IV - 1 cr.
Designed for those students who do not meet the criteria for placement in the Symph. or the Honors Band. Teacher Approval

724 Concert Band B I, II, III, IV - 1 cr.
Designed for those students needing instruction in fundamental band concepts or those students who do not meet eligibility criteria for placement in the Concert Band "A", Symphonic Band, or Honors Band. Teacher Approval

725 Instrumental Ensemble – 1 cr.
Students will receive instruction in all forms of popular music and will perform as a stage band. Teacher Approval

731 Choral Music Tenor/Bass Choir I, II, III,IV- 1 cr. (Male or very low vocal range)
A choral ensemble for inexperienced singers with no audition required. Students will study and perform the Tenor/Bass choral repertoire. Students will develop basic vocal techniques, sight-reading, and music theory skills. Students will participate in all T.M.E.A. , U.I.L. activities, and NHS Concerts.

732 Choral Music I, II, III, IV (Concert Choir) – 1 cr.
Emphasis on study of music theory, vocal technique, sight-reading, ear training, and choir ethics. Gives public concerts and participates in T.M. E.A. competition, music festivals, and all U.I.L. events. Audition

734 Vocal Ensemble (Ned & Co.) - 1 cr.
Primary function is as a public relations group for entertainment of civic organizations, business functions, and other schools. Emphasis on ear training, vocal improvisation, choreography, solo and group vocal technique, and good stage presence. Also training in operation and maintenance of all sound equipment and other equipment used in rehearsal and performance. Audition

735 Treble Choir I, II, III, IV – 1 cr. (Female or very high vocal range)
A choral ensemble for inexperienced singers with no audition required. Students will study and perform the treble choral repertoire. Students will develop the basic vocal technique, sight-reading, ear training, and choral ethics and music theory skills. Students will participate in all T.M.E.A., UIL activities and NHS Concerts.

736 Music Theory AP – 1 cr.
Designed for those students who have extensive musical experience and are planning to take Music Theory on the college-level. Aural, compositional, sight singing, and analytical skills will be developed. Teacher Recommendation

741 Theatre Arts I – 1 cr.
Beginning acting course. Various acting techniques, theatre etiquette and theatre appreciation will be the focus. Memorization of various literatures will be required.

742 Theatre Arts II – 1 cr.
Continued study of various acting techniques, theatre etiquette, and theatre appreciation. Experiences in public performance will be included. Teacher Recommendation

743 Theatre Arts III – 1 cr.
Continued study of acting with experiences in public performance. Teacher Recommendation

744 Theatre Arts IV – 1 cr.
Continued study of acting with experiences in public performance. Teacher Recommendation

746 Technical Theatre – 1 cr.
The study of all aspects of technical theatre. Set design and construction, costuming, prop making, stage makeup, lighting and sound design will be the major topics. Hands-on experiences. Must have completed Theatre Arts I at high school level. Teacher Approval

747 Theatre Production – 1 cr.
Advanced theatre course (audition required) for students with exceptional acting or technical ability to participate in play performance. U.I.L. One Act Play and one or more full-length productions will be done. Advanced technical skills in lighting, sound, set construction, and costume and makeup design will be required. Audition

CAREER & TECHNICAL EDUCATION

Agriculture, Food, and Natural Resources

911 Principles of Agriculture, Food & Natural Resources – 1 cr.
Enhances agricultural comprehension, agricultural career development, leadership, communications and personal finances. Including overview of soil and plants, animals, and agricultural construction.

9161 Wildlife Fisheries & Ecology Management – 1 cr.
Examines the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources. Students will examine the management of game and nongame wildlife species, fish and aqua crops and their ecological needs. Also obtain their Hunter Safety Certification during this course if they pass their exam. Principles of AFNR recommended.

9180 Equine Science – ½ cr.
Introduce students to the scientific principles of equine animal systems and to the equine industry. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. The class can dissect a foal and can take trips to a hippo therapy stable. Principles of AFNR recommended.

9182 Small Animal Management - 1/2 cr.
Students will acquire knowledge and skills related to small animals and the small animal industry. Course addresses topics related to a variety of small mammals to prepare students for careers in the field of animal science. A beginning course for those students that are interested in a career in veterinary science or as a veterinary technician. The class will dissect a rat. Principle of AFNR recommended.

919 Advanced Animal Science - 1 cr.
Examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Allows for the application of scientific and technological aspects of animal science through field and laboratory experiences. Prepares students for careers in animal science by acquiring knowledge and skills related to animal systems. The class will dissect a goat, cat, and sheep brain. Prerequisite: Biology and Chemistry or IPC; Algebra I and Geometry; Small Animal Management or Equine Science. *Students can earn a Science Credit.*

9190 Veterinary Medical Applications - 1 cr.
Veterinary Medical Applications covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. Principles of AFNR, Small Animal Management, or Equine Science

9172 Practicum in Agriculture, Food and Natural Resources – 2 cr.
This 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, internships, or laboratories in the meat processing industry (Food processing). Principles of AFNR; Selection Rubric

9173 Practicum in AFNR II - 2 cr.
This second year practicum is designed to give students advanced 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, internships, or laboratories in different aspects of the meat processing industry (food processing). Practicum in AFNR; Selection Rubric

Architecture and Construction

9502 Principles of Construction – 1 cr.
Students gain knowledge and skills that lay a strong foundation for those entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, and common hand and power tools. Students will learn skills for basic construction in framing, electrical, sheetrock, cabinet installation, and basic plumbing. Students can earn NCCER CORE Safety Certification

9503 Construction Technology I/Electrical Apprenticeship – 2cr.
Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing to enter the workforce in the construction industry. Students can earn and qualify for the Beaumont Electrical Joint Apprenticeship program.

9504 Construction Technology II/Electrical Apprenticeship - 2 cr.
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. Students can earn and qualify for the Beaumont Electrical Joint Apprenticeship program. Construction Technogy I required.

9505C HVAC Technology I – 1 cr.
A dual enrollment semester course with Lamar SCPA. Students will earn 3 credits towards the HVAC Certificate or Associates Degree in HVAC. HART 1301 HVAC basic electricity. Principles of electricity as required by HVAC, including proper use of test equipment, electrical circuits, and component theory and operation. Students will learn to apply Ohm's law to electrical calculations. Principles of Construction Recommended

9506 HVAC Technology II – 2 cr.
A dual enrollment semester course with Lamar SCPA. Students will earn 3 credits towards the HVAC Certificate or Associates Degree in HVAC. HART 1345. Study of the procedures and principles used in servicing heating systems including gas fired furnaces and electric heating systems. Identify different types of gas furnaces; identify and describe component operation of gas furnaces; service and troubleshoot gas furnaces; perform safety inspections on gas and electric heating systems; identify unsafe operation of gas furnaces; identify and discuss component operation of electric heating systems; and service and troubleshoot electric heating systems. HVAC I

9520 Pipefitting Technology I - 1 cr.
Students will learn the types of work performed, responsibilities and career opportunities within the industry, and safety principles associated with pipefitting. Additionally, students will learn care, selection, and use of hand and power tools of the trade and ladder and scaffold safety, selection, construction, and the associated hazards. Oxyfuel cutting and associated safety procedures will be reinforced. Students will learn the maintenance, operation, and safety of motorized equipment. This class may lead to the National Center for Construction Education and Research (NCCER) certification. Introduction to Welding, or Principles of Construction AND NCCER Core Certification required.

9521 Pipefitting Technology I Lab - 1 cr.
Students will learn the types of work performed, responsibilities, career opportunities within the industry and safety principles associated with pipefitting. Additionally, students will learn care, selection and use of hand and power tools of the trade and ladder and scaffold safety, selection, construction and the associated hazards. Oxyfuel cutting and associated safety procedures will be reinforced. Students will learn the maintenance, operation and safety of motorized equipment. This class may lead to the National Center for Construction Education and Research (NCCER) certification.

9522 Pipefitting Technology II - 1 cr.
Students will learn about, be able to identify and install various types of piping systems and valves. Students will learn to read detail and drawing sheets and how to use mathematics to solve problems related to Pipefitting construction. Students will also be educated in how to prepare, fabricate, and assemble threaded pipe, socket weld, and butt weld installations. Excavating per Occupational Safety and Health Administration (OSHA) standards as well as grading and elevations of trenching and backfilling will also be taught. The course may lead to National Center for Construction Education and Research (NCCER) certification. Pipefitting I required.

9523 Pipefitting Technology II Lab - 1 cr.
Students will learn the types of work performed, responsibilities, career opportunities within the industry and safety principles associated with pipefitting. Additionally, students will learn care, selection and use of hand and power tools of the trade and ladder and scaffold safety, selection, construction and the associated hazards. Oxyfuel cutting and associated safety procedures will be reinforced. Students will learn the maintenance, operation and safety of motorized equipment. This class may lead to the National Center for Construction Education and Research (NCCER) certification. Pipefitting I required.

Arts, Audio/Video Technology, and Communications

9265 Principles of Arts, A/V Technology & Communications – 1cr
This is an introductory course to the Arts, A/V Technology & Communications career cluster. Students will develop an understanding of the many career opportunities in this cluster and develop the knowledge and skills required to meet those opportunities. This cluster focuses on writing, designing, producing, performing, and publishing multimedia content in the fields of: visual and performing arts, arts and design, video journalism, entertainment and filmmaking. Students acquire skills in learning to use PowerPoint, and Google Slides, plus the Adobe Creative Suite including Photoshop, Premiere Pro, and more.

9261 Professional Communications - ½ cr.
An introduction to speech communication intended to bridge the gap between school and the business world. The course teaches students to take responsibility, express themselves, and handle problems and decisions when they arise.

9267 Audio Video Production I - 1 cr.
Students will learn the use of video technology and apply it through the creation of cinematic and video journalism projects. Students will learn and be required to operate many types of video and audio capture equipment, then use editing and finishing equipment to publish an audio/video presentation. Students will become well-versed in the artistic side as well as the technical aspects of video creation. They will learn narrative structure, cinematic language, and the importance of media in shaping thought and culture. Students use Adobe Creative software such as Premiere Pro, Photoshop, Audition, and more. This course also meets the Technology Applications graduation requirement. Principles of Arts, A/V Technology & Communication Recommended and Selection Rubric

9269 Audio Video Production II w/ lab - 2 cr.
Careers in audio-video technology, film production, and broadcast journalism span all aspects of A/V & Communications industry. Building upon the concepts taught in A/V Production I, the students will develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. Students produce a weekly NHS news program called N-Vision and learn techniques and skills to traverse social media platforms, including YouTube. Students use the Adobe Creative Suite products such as Premiere Pro, Photoshop, Audition, and more. Audio Video Production I and Selection Rubric

Business, Marketing, and Finance

9101 Principles of Business, Marketing & Finance – 1 cr.
This introductory course touches on many aspects of business, including: business in the global economy, measuring economic activity, social responsibility of business, forms of business ownership, marketing basics and financial services, as well as considering the outlook for career choices.

972 Banking & Financial Services - ½ cr.
Students develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent consumers, employees, and entrepreneurs. Principles of Business, Marketing, & Finance Recommended

973 Virtual Business - ½ cr.
Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students will also demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business. Principles of Business, Marketing, & Finance Recommended

974 Accounting I – 1 cr.
Students investigate the field of accounting including how it is impacted by industry standards, economic, financial, technological, international, social, legal, and ethical factors. Principles of Business, Marketing, & Finance Recommended

975 Accounting II – 1 cr.
Students continue investigation of accounting, including how it is impacted by industry standards, economic, financial, technological, international, social, legal, and ethical factors. Students engage in managerial and cost accounting activities, formulate and interpret financial information for use in management decision making for corporations. Accounting I

976 Social Media Marketing - ½ cr.
Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. 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. Principles of Business, Marketing, & Finance Recommended

980 Business English – 1 cr.
In Business English, students enhance communication and research skills by applying them to the business environment, in addition to exchanging information and producing properly formatted business documents using emerging technology. *Note: This course satisfies the English IV credit requirement for students on the Foundation High School Program.* English III

981 Business Information Management I – 1 cr.
Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make successful transition to the workforce and post-secondary education. Students will apply technical skills through word- processing, spreadsheet, database, and electronic presentation software. (Microsoft Office 2016) counts as computer credit. This course may also be dual-credit through LSCPA.

9812 Business Information Management II – 1 cr.
Students apply technical skills to address business applications of emerging technologies, create complex word processing, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software. Business Information Management I

9831 Practicum in Business Management w/extended Practicum – 3 cr.
Practicum experiences occur in a paid community based work site application. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society to make a successful transition to the workforce or post-secondary education. Selection Rubric & PBMF & one other course in Business, Marketing, & Finance or Teacher Recommendation

9841 Practicum in Marketing w/ extended Practicum - 3 cr.
Students gain skills to be proficient in one or more of the marketing functions. Students will integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions. Selection Rubric and PBMF and one other course in Marketing and Sales Program of Study or Teacher Recommendation

9851 Practicum in Marketing II w/extended Practicum – 3 cr.
Students gain a real world working knowledge of the marketing concepts through application. This class is partial classroom instruction and partial community work site application. Students secure a job for the entire school year, which is evaluated by the classroom instructor and their work supervisor. Students at least 16 years, are required to work a minimum of 15 hours per week, with 10 hours worked Monday-Friday and the job must be in marketing, sales, or retail. Problem solving skills, higher-level thinking, and work application techniques are enhanced through class format. Enrichment activities include special projects, guest speakers, and field trips. Students get paid for their job and receive classroom credit. Practicum in Marketing w/ Extended practicum & Selection Rubric

435 Statistics and Business Decision Making - 1 cr.
Introduces students to major concepts for collecting, analyzing and making inferences from statistical studies. Topics include statistical process sampling, variability, categorical and quantitative data, and probability. Statistics and Business Decision Making is an introduction 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. This course is designed for college-bound seniors. This course aligns with Business Management, as well as, the Marketing and Sales CTE programs of study.

Education and Training

921 Principles of Human Services – 1 cr.
This lab course focuses on interpersonal skills, decision-making; and promotes family strengths. Develops positive relationships with peers, child development and care. Addresses nutrition and dietary practices; food selection/preparation; budgeting/consumer-buying practices; and managing household budgeting and sewing needs; community and career roles.

9271 Child Development – 1 cr.
This course addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students will be equipped with child development knowledge that can be used to promote the well-being and healthy development of children and to investigate careers related to the care and education of children. Principles of Human Services Recommended

920 Instructional Practices/Peer Tutoring – 2 cr.
Instructional Practices is a field- based (practicum) 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 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. Principles of Human Services and Child Development or Teacher Recommendation. Student Interest Form & Rubric

Engineering

9511 Principles of Applied Engineering – 1 cr.
Provides an overview of the various fields of science, technology, engineering, and mathematics through the use of modular laboratories. Students use a variety of computer hardware and software applications to complete assignments and projects. Students will work in design teams to develop a product or system, and use multiple software applications to prepare and present course assignments, relative to communication, energy, aerospace, and more.

953 Engineering Design and Presentation I – 1 cr.
Students will demonstrate skills of the design process 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 explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in the areas. Principles of Applied Engineering

9533 Engineering Design & Presentation II - 2 cr.
This course will provide students the opportunity to master several computer software applications in a variety of engineering and technical fields. This course further develops the process of engineering thought and application of the design process. The student will participate in the organization and operation of several real or simulated engineering projects; develop a plan for production of an individual product; and demonstrate principles of project documentation and workflow. Engineering Design & Presentation I

9534 Robotics I – 1cr.
Students will transfer academic skills to component designs in a project- based environment through the implementation of the design project. Students will build prototypes or use simulation software to test their designs. Students will explore career opportunities, employer expectations, and educational needs in the robotics and automation industry. Prin. of Applied Engineering Recommended

9535 Robotics II – 1 cr.
Students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. Robotics I

935 Principles of Technology - 1 cr.
Students will conduct laboratory and field investigations and use scientific methods. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students will apply physics concepts and perform laboratory experimentations for at least 40% of instructional time. Physics class that focuses on careers in Physics. Prerequisite: Algebra I; Biology, IPC, and an advanced Science.

Health Science

960 Health Science Theory – 1 cr.
This course is designed for the development of advanced knowledge and skills related to a wide variety of health careers and diseases. Students will employ hands-on experiences for continued knowledge and skill development as well as further their knowledge of illnesses and treatments.

9601 Principles of Health Science – 1 cr.
This course will introduce students to healthcare careers, medical insurance, legal/ethical issues in healthcare, and normal human lifespan development. Students will learn the basics of each body system, some common medical disorders, and the fundamentals of taking vital signs and CPR. (Counts as Health credit)

962 Practicum in Health Science w/ extended Practicum: CNA –3 cr.
Designed to provide knowledge and skills for certification or licensing as a Certified Nurse Aide. Students develop advanced clinical skills for employment in the healthcare industry. To assure students eligibility for the Texas Department of Health nurse's aide licensing, both school-based and long-term care facility training is provided. Students work in hospitals/nursing homes 4 days a week; attend class one day a week during CNA training. Health Science Theory & Principles of Health Science, Medical Terminology, or Anatomy & Physiology which may be taken concurrently & Selection Rubric

9625 Practicum in Health Science: CPCT/A – 2 cr.
The Practicum in Health Science course is designed to give students practical application of knowledge and skills needed to attain a Certified Patient Care Technician / Assistant (CPCT/A) certification from the National Healthcareer Association (NHA). Advanced concepts of caring for basic patient needs are taught both in the classroom and skills lab, and the students are introduced to phlebotomy and the fundamentals of EKG interpretation. Health Science Theory Required; Principles of Health Science, Medical Terminology, OR Anatomy & Physiology required prior to course or may be taken concurrently; Selection Rubric

9531 Anatomy & Physiology Honors – 1 cr.
Essential principles of human anatomy and physiology are presented, including basic chemistry, cell and tissue, the integument, skeletal, muscular and nervous systems, the structure and function of the human body and mechanisms for maintaining homeostasis with it. Prerequisites: Biology and Chemistry I Pre-AP. Student must have an A-B average in previous science courses. Teacher Recommendation (both Biology & Chemistry)

9631 Medical Terminology – 1 cr.
Course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, and medical abbreviations. Students will gain knowledge of words and disorders commonly seen in medical charts and frequently used in patient care. Principles of Health Science Theory Recommended

Hospitality and Tourism

9281 Introduction to Culinary Arts -1 cr.
This classroom and laboratory based course will provide insight into the operation of a well-run restaurant, food production skills, industry management, and hospitality skills. The course is an introductory course for students pursuing a career in the hospitality industry. Students can pursue appropriate industry certifications. Recommended Lifetime, Nutrition, and Wellness

9282 Culinary Arts – 2 cr.
This laboratory-based program 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 or other appropriate industry certifications. The knowledge and skills required for careers in the restaurant, food, and beverage industry are practiced. Intro to Culinary Arts

9284 Advanced Culinary Arts - 2 cr.
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**.** Culinary Arts Req.

Human Services

921 Principles of Human Services – 1 cr.
This lab course focuses on interpersonal skills, decision-making; and promotes family strengths. Develops positive relationships with peers, child development and care. Addresses nutrition and dietary practices; food selection/preparation; budgeting/consumer-buying practices; and managing household budgeting and sewing needs; community and career roles.

922 Fashion Design I – 1 cr.
Lab course focuses on careers in fashion that span the textile and apparel industries. Develop an understanding of fashion textile, and apparel industries. Principles of Arts, A/V Technology & Communication Recommended

923 Lifetime Nutrition & Wellness - ½ cr.
This laboratory course allows students to use principles of lifetime wellness and nutrition to make informed choices that promote wellness and pursue careers related to hospitality, human services, and health sciences. Laboratory experiences focus on the integration of nutrition and wellness knowledge with basic food preparation and management skills. Principles of Human Services Recommended

9251 Family and Community Services - 1 cr.
This course is designed to involve students in realistic and meaningful community-based activities through direct service experiences. Students are provided opportunities to interact and provide to individuals, families, and the community through community or volunteer services. Principles of Human Services, Dollars and Sense, or Lifetime Nutrition & Wellness Recommended.

9271 Child Development – 1 cr.
This course addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students will be equipped with child development knowledge that can be used to promote the well-being and healthy development of children and to investigate careers related to the care and education of children. Principles of Human Services Recommended

9263/9264 Career Preparation I/II Practicum - 3 cr.
This practicum provides occupationally specific training that focuses on the development of careers in consumer services, early childhood development, counseling, nutrition, wellness, hospitality, food services, fashion/interior design, and family/community services. Recommended PBMF 16 yrs. of age, & Selection Rubric

929 Dollars and Sense – ½ cr.
Focuses on consumer practices and responsibilities, money management processes, decision making skills, personal and family financial planning, including maintaining a budget, expense records, and economic self-sufficiency, evaluate and compare employment options, including salaries and benefits, identify types of taxes at the local, state, and national levels and the economic importance of each. Principles of Human Services Recommended

9451 Cosmetology I – 3 cr.
Co-enrollment with Lamar State College in Port Arthur. Provides students with basic specific classroom training to achieve their Texas Cosmetology License. Students work on outside clientele for hands-on training and are expected to purchase their beginners kit during the first week of school and are required to have completed 500 clocked hours before advancing to Cosmetology II. Selection Rubric

9461 Cosmetology II – 3 cr.
Co-enrollment with Lamar State College in Port Arthur. Upon completion of their senior year, the required 1500 hours total, students will have received classroom training in preparation for the Cosmetologist Exam from the Texas Department of Licensing and Regulations. Students work on outside clientele for hands-on training. Cosmetology I. Selection Rubric

Law and Public Service

930 Law Enforcement I – 1cr.
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. Principles of Law, Public Safety, Corrections, & Security Recommended

931 Law Enforcement II – 1 cr.
Provides knowledge necessary to prepare for a career in law enforcement. Includes ethical & legal responsibilities, operation of police and emergency telecommunication equipment and courtroom testimony. Law Enforcement I

9321 Principles of Law, Public Safety, Corrections, and Security – 1 cr.
Introduces students to professions in law enforcement, security, corrections, fire, and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services.

933 Court Systems and Practices - 1 cr.
Overview of Federal and State Court systems. The course identifies the roles of Judicial Officers and the trial processes from pretrial to sentencing and examines types and rules of evidence. Emphasis on constitutional laws for criminal procedures such as search & seizure, stop and frisk. Principles of Law, Public Safety, Corrections, & Security Recommended

934 Forensic Science – 1 cr.
A combination of biology, chemistry and physics will be applied to techniques used in the forensic science field. Students will learn the basics of crime scene analysis and apply the various sciences behind solving crimes through hands-on experiments. Examples of units include examining DNA evidence, applications of anthropology, trace evidence analysis, and autopsy (of a pig). Prerequisite: Biology and Chemistry OR Biology and 2 sciences. Forensic Science can be taken concurrently with the third unit of science.

Manufacturing

9412-Introduction to Welding - 1 cr.
An introduction to welding processes. First year instruction includes industrial safety and health practices, hand tool and power machine use, measurement, welding shop operating procedures, blueprint reading, cutting and welding with oxygen and gas fuels, shielded metal arc welding, gas tungsten arc and gas metal arc welding processes. Students will gain knowledge and skills related to welding technologies required for entry level employment in welding industries. Interest Form

9421 Welding I – 2 cr.
Instruction is designed to provide job-specific training for entry-level employment in welding careers. Second year welding instruction enhances job-specific training for employment in welding careers. Students expand welding skills by adding plasma arc cutting and flux cored arc welding principles. Students can pursue appropriate welding certifications. Students may also enroll for dual-credit through LSCPA. Introduction to Welding AND NCCER Core Certification & Interest Form

9471 Welding II – 2 cr.
Advanced Welding course that builds on the knowledge and skills developed in Welding I. Students can pursue appropriate welding certifications. Students may also enroll for dual-credit through LSCPA. Welding I & Interest Form

948 Process Operating Technology – 2 cr.
Co-enrolled @ LSCPA. Students can earn 7 college hours towards Process Operating Technology. 1st Semester PTAC 1302- Introduction to Process Technology; 2nd Semester PTAC 1410-Process Technology I- Equipment. Introductory courses that prepare students to become a process operator in the refining, petrochemical, power generation, oil and gas production, food and other process industries.

Transportation, Distribution, and Logistics

9401 Automotive Basics - 1 cr.
Students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. Students will study basic automotive systems and the components that make up each system and how to service them. Students will learn safety/environmental rules, tool identification, proper tool use, and employability skills. This course is an introductory course to the automotive program.

9431C Automotive Technology I: Maintenance & Light Repair - 2 cr
Students gain knowledge of major automotive systems and the principles of diagnosing and servicing these systems. Students will gain skills in shop safety, tool identification, proper tool use, automotive diagnosis, maintenance and repair, and employability in the automotive industry. Automotive Basics

9441 Automotive Technology II: Automotive Service – 2 cr.
Advanced automotive course. Students expand their knowledge of the major automotive systems and pull codes to diagnose automotive systems problems. Automotive skills and knowledge enhance opportunity for employability in the automotive repair industry. Students can pursue appropriate ASE certifications. Automotive Technology I: Maintenance and Light Repair

9931 Vocational Adj. Co-op I - 1-4 cr.
A job-specific course that includes concepts and skills necessary to prepare students to enter the world of work. Students prepare for future employment by building successful work experience while enrolled in high school. Students will be provided opportunities for successful employment experiences and will assist students in achieving maximum benefits from services provided by the state's rehabilitation agency and other social services or educational agencies after graduation. Placement contingent upon Teacher Approval of job placement. ARD Recommendation

Course Sequences

Agriculture, Food, & Natural Resources		Architecture and Construction		Arts, A/V Technology & Communications	
Animal Science	**Environmental and Natural Resources**	**Carpentry**	**Plumbing and Pipefitting**	**Digital Communications**	**Graphic Design and Multimedia Arts**
Principles of AFNR	Principles of AFNR	Principles of Construction	Principles of Construction or Intro to Welding	Principles of Arts, A/V Tech & Communication	Principles of Arts, A/V Tech & Communication
Equine Science – ½	Wildlife & Fish Management	Construction Technology I / Electrician Apprenticeship	Pipefitting I / Lab	Professional Communications – 1/2	Fashion Design I
Small Animal Management – ½	** Practicum AFNR	Construction Technology II / Electrician Apprenticeship	Pipefitting II / Lab	Audio Video Production I	Career Preparation I w/ ext. prac.
Veterinary Medical Applications	** Practicum AFNR II			** Audio Production II w/ Lab	
** Advanced Animal Science					
** Practicum AFNR					
** Practicum AFNR II					

Business, Marketing, & Finance			Education & Training	Health Science	Hospitality & Tourism
Accounting and Financial Services	**Business Management**	**Marketing and Sales**	**Teaching and Training**	**Healthcare DIagnostics**	**Culinary Arts**
Principles of Business, Marketing, & Finance	Principles of Business, Marketing, & Finance	Principles of Business, Marketing, & Finance	Principles of Human Services	Principles of Health Science	Introduction to Culinary Arts
BIM I	BIM I	Virtual Business – ½	Child Development	Medical Terminology	Culinary Arts
Banking & Financial Services – ½	BIM II	Social Media Marketing – ½	Instructional Practices	Health Science Theory	Advanced Culinary Arts
Accounting I	Virtual Business – ½	Statistics and Business Decision Making		** Anatomy & Physiology	
Accounting II	Statistics and Business Decision Making	** Practicum in Marketing I w/ ext. prac.		** Practicum in Health Science – CPCT/A certification	
	** Practicum in Business Management w/ext. prac.	** Practicum in Marketing I w/ ext. prac.		** Practicum in Health Science w/ ext. prac. – CNA certification	
	Business English				

Human Services	Law, Public Safety, Corrections, & Security		Manufacturing	Engineering	Transportation, Distribution, & Logistics
Family and Community Services	**Law Enforcement**	**Legal Studies**	**Welding**	**Engineering Fundamentals**	**Automotive**
Principles of Human Services	Principles of Law, Public Safety, Corrections, & Security	Principles of Law, Public Safety, Corrections, & Security	Introduction to Welding	Principles of Applied Engineering	Automotive Basics
Lifetime, Nutrition, & Wellness – ½	Law Enforcement I	Court Systems & Practices	Welding I	Principles of Technology	** Automotive Technology I: Maintenance & Light Repair
Dollars & Sense – ½	Law Enforcement II	Career Preparation I w/ ext. prac.	Welding II	Robotics I	** Automotive Technology II: Automotive Service
Child Development	Forensic Science			Intermediate Computer-Aided Design and Drafting	Career Preparation I w/ ext. prac.
Family & Community Services				Engineering Design & Presentation I	
Career Preparation I w/ ext. prac.				Robotics 2	
Career Preparation II w/ ext. prac.				Engineering Design & Presentation II	
Cosmetology I - LSCPA					
Cosmetology II – LSCPA					

TEA CCMR Indicator for High School Graduate: Students who wish to graduate with a Career Readiness indicator must earn an IBC <u>AND</u> earn 4 or more credits in 3 or more courses with at least one level 3 or 4 course within the IBC's aligned program of study.

Nederland High School Career & Technical Education

offers the following

Industry-Based Certifications

Certified Nurse Aide (CNA)
Patient Care Technician (PCT)
NCCER Core
NCCER Welding I
NCCER Pipefitting Level I
AWS D9.1 Sheet Metal
Cosmetology Operator License @ LSCPA
Intuit QuickBooks Certified User
ASE Entry-Level Brakes (BR) (Other ASE Certifications)
Autodesk AutoCAD
Educational Aide Level I

Dual Enrollment at LSCPA

Cosmetology I
Cosmetology II
Process Operating Technology
HVAC-Heating, Ventilation, and Air Conditioning
Welding I / II
BIM I (Microsoft Word, Excel, & PowerPoint) / BIM II
Automotive Technology I / II

Electrician Pre-Apprenticeship Program

This program is in partnership with Beaumont Electrical J.A.T.C. in Nederland, Texas. Senior students will take the 1st course of the apprenticeship in high school. Upon successful completion of the DC Theory course students have the opportunity to attend a six-week mini course at the training center after graduation. If the student successfully completes the mini-course, then they can apply to enter the apprenticeship. Once accepted, the student will receive credit for the first year of the five-year program. While in high school, the course and supplies are FREE! STUDENTS WHO ENTER THE APPRENTICESHIP AFTER HIGH SCHOOL WILL BE EMPLOYED FULL TIME AND GOING TO TRAINING TWO DAYS EACH MONTH! EARNING $ WHILE YOU LEARN!

CTE Work-Based Learning

STUDENT PROCEDURES FOR ACCEPTANCE AND ENTRANCE INTO WORK-BASED LEARNING (WBL):
(Office Administration WBL, Marketing Education WBL, and Career Preparation WBL)

1. Get student interest form from the wall displays in the CTE building or the Family and Community Services department.
   - Turn in student interest form to WBL teacher coordinator as soon as possible.

2. Seek and apply for a job. If job is located, tentatively accept the job, subject to teacher approval and alignment to program of study. Job will be for entire school year. *Please inform employing person that this job must first be approved by the WBL teacher coordinator before final acceptance.*

3. IMPORTANT: *You must contact the teacher for job approval and acceptance into the WBL program.* The WBL teacher coordinator will be in their classroom the first week of August.

4. The recommended prerequisite for all WBL courses is at least two courses in an aligned CTE program of study.

HEALTH CREDIT - CTE course Principles of Health Science will count as Health Credit.

PUBLIC NOTIFICATION OF NONDISCRIMINATION FOR CAREER & TECHNICAL EDUCATION

NEDERLAND INDEPENDENT SCHOOL DISTRICT OFFERS CAREER & TECHNICAL PROGRAMS IN SEVERAL OF THE 14 CLUSTERS:

-AGRICULTURAL, FOOD & NATURAL RESOURCES
-ARCHITECTURe & CONSTRUCTION
-ARTS, A/V TECHNOLOGY & COMMUNICATION
-BUSINESS, MARKETING, & FINANCE
-EDUCATION & TRAINING
-ENERGY
-HEALTH SCIENCE
-HOSPITALITY & TOURISM
-HUMAN SERVICES
-INFORMATION TECHNOLOGY
-LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY
-MANUFACTURING
-SCIENCE, TECH., ENGINEERING & MATHEMATICS
-TRANSPORTATION, DISTRIBUTION & LOGISTICS

ADMISSION TO THESE PROGRAMS IS BASED ON INTEREST, APTITUDE AND GRADES.

IT IS THE POLICY OF NEDERLAND INDEPENDENT SCHOOL DISTRICT NOT TO DISCRIMINATE ON THE BASIS OF RACE, COLOR, NATIONAL ORIGIN, SEX, HANDICAP, OR AGE IN ITS EMPLOYMENT PRACTICES AS REQUIRED BY TITLE VI AND TITLE IX OF THE CIVIL RIGHTS ACT OF 1964, AND SECTION 504 OF THE REHABILITATION ACT OF 1973, AS AMENDED.

NEDERLAND INDEPENDENT SCHOOL DISTRICT WILL TAKE STEPS TO ASSURE THAT LACK OF ENGLISH LANGUAGE SKILLS WILL NOT BE A BARRIER TO ADMISSION AND PARTICIPATION IN ALL EDUCATION AND CAREER AND TECHNICAL PROGRAMS.

FOR INFORMATION ABOUT YOUR RIGHT OR GRIEVANCE PROCEDURES, CONTACT:

TITLE IX COORDINATOR,
DR. STEVEN BEAGLE ASSISTANT SUPERINTENDENT
220 N. 17 TH STREET
NEDERLAND, TX 77627
TELEPHONE: (409) 724-2391

OR

SECTION 504 COORDINATOR,
ERIN RESCH DIRECTOR OF STUDENT SERVICES
220 N. 17TH STREET
NEDERLAND, TX 77627
TELEPHONE :(409) 724-2391