



COURSE SELECTION GUIDE
2022-2023

FOR

HALLETTSVILLE HIGH SCHOOL

INTRODUCTION

We now begin our preparations for the 2020-2021 school year. For those of you who are returning, your educational plan should already be in place and all we need to do is modify it as we guide you toward graduation.

**** For you freshmen, your four-year educational plan is the most important document you and your parents will create as you enter high school. This will be your guide to achieve your goals. . The **Foundation Plan**, which will prepare you for college or technical school, is the minimum program for graduation for all students entering high school in 2014-2015 and thereafter. The **Distinguished Achievement Program**, which is our most academically challenging program, is the highest graduation program offered. Students who complete the DAP will be well prepared for college and may even go to college with college credits in their pockets. If the student, the student's parent/guardian, and the designated school official agree that the student should be permitted to take courses under the minimum high school program, a conference will be set up to accommodate this request.

We realize that not everyone wants to go to a four-year college. We are excited that we have the opportunity for HHS students to earn college credits from several local community colleges. Through course work, students may earn college credits to be applied to their Associates Degree if they attend a particular college.

All of this information is contained in this course selection guide. This information will be explained at meetings held throughout the spring. As always, your counselor is available to explain the various programs and offer advice on what is best for the student.

Careful consideration should be given to the combination of courses selected and the demand on the student's time for studying, practicing, performing or competing. It is of extreme importance that the registration process be taken seriously and that students select courses that are equivalent with their academic abilities and interests. **Once courses and alternates are selected, the student's schedule will be set for the entire year.** The master schedule and hiring of teachers are determined by this pre-registration, and **no schedule changes will be permitted except for improper placement.**

There is an abundance of information in this document. Please feel free to call us with any questions (361-798-2242).

Hallettsville Independent School District

Board of Trustees

Robert Lundy
President

Matthew Felcman
Vice President

Marna Klimitchek
Secretary

Brian Smith
Brian Henneke
Chris Ranly
Holly Cliffe

Administration

Dr. Jo Ann Bludau, Superintendent

TABLE OF CONTENTS

General Information	5
Class Ranking System	8
Language Arts	9
Mathematics	11
Science	13
Social Studies	15
Fine Arts	17
Foreign Language	18
Career and Technology	19
Agricultural Science	19
Computer Technology	21
Family and Consumer Sciences	22
Trade and Industrial	23
Health/Physical Education	24
Other Courses and Local Credit	25
Tips for University Bound Students	26
Career Pathways	27
Class of 2020	36
Class of 2014– 2017 Graduation Requirements	37
HHS Four – Year Graduation Plan	38
PreAP/AP/Honors Course Application	39
CP Application	40
Yearbook Application	41

GENERAL INFORMATION

A WORD OF CAUTION

Some courses listed in this guide may **not** actually be offered due to low enrollment. Because of scheduling conflicts and classes closing, a student may not be able to register for every course he/she planned to take during a semester. For this reason, the student should have in mind alternate courses in case the first choice is not available. Please note that all courses will not be offered every semester of every year. In cases of limited class enrollment, priority will be given to 12th graders first, 11th graders next, etc. If you chose to select a course outside of the recommended yearly schedule, please see the counselor or the principal for more information.

I. Career and Technology Education

Hallettsville Career and Technology Education programs are open to all students without regard to race, color, national origin, sex, handicapping condition, or limited English proficiency. Career and Technology Education programs are organized educational programs offering a sequence of courses that are directly related to the preparation of individuals in paid or unpaid employment in current or emerging occupations requiring other than a baccalaureate or advanced degree. These programs shall include competency-based applied learning that contributes to an individual's general knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, and the occupational-specific skills necessary for economic independence as a productive and contributing member of society.

II. Special Education Program

Special Education courses are offered to assist eligible students in both academic and non-academic areas. Graduation requirements are developed by the ARD committee for each individual student.

III. Regular Program Courses

Regular program courses are offered in language arts, mathematics, social studies, science, and the elective areas. These courses are designed to prepare students for most colleges.

IV. Advanced Program Courses

Advanced program courses are offered in English, mathematics, science, and social studies. These courses provide a qualitatively differentiated curriculum for certain students. A student must request placement in an advanced program course using the Student Pre-Registration Form in the back of this book.

A. Pre-AP/Honors Courses

In addition, the following criteria must also be met to qualify for Pre-AP courses. These courses are available in grades 9-11.

1. A previous grade average in the subject of 90 or higher at the regular level, 80 or higher at the Pre-AP level.
2. Transfer students may continue in honors courses previously approved if grades are maintained in honors at 80 or above, and they have teacher recommendation.

B. Gifted and Talented

There is a district criteria for the selection of Gifted and Talented students. Nomination for the G/T program should be submitted to the principal, counselor, or assigned G/T staff at the high school. Placement may occur only at the beginning of a semester.

C. Advanced Placement (College) Program

Advanced Placement is a program of college-level courses and exams that give high school students the opportunity to receive advanced placement and/or credit in college. The AP program is a demanding and dynamic educational experience built on a firm foundation: the belief that students who are capable of completing college-level work in high school should have the opportunity to do so. Each AP course has prerequisites. These are explained in the course descriptions. Students are

encouraged to take the AP Exam, which is administered in May. Financial responsibility belongs to the student. Financial assistance is available to eligible students.

D. Concurrent Enrollment (Dual Credit Courses)

The early college admissions program allows academically talented junior and senior level students to enroll in online college courses through Victoria College, UTPB, or UT OnRamps, concurrently with high school studies. Principal or counselor approval is required. Passing the TSIA (college test) or being TSI exempt is required in order to begin college classes. Both high school and college credit can be received in some of these classes. Freshman college English, college U.S. government and economics, and US History online during the school day. Grades earned in concurrent enrollment classes are included in GPA ranking. Board approved courses include college English, US government and economics, other offerings online. Financial responsibility for tuition, fees, and books belongs to the student each semester.

V. Transfer Students

Transfer students may continue in Pre-AP/Honors courses previously approved if grades are maintained in Pre-AP/Honors at 80 or above and they have teacher recommendation. **Transfer students from a non-accredited school will have to take a credit by exam (CBE) for each course where credit was given from the non-accredited school. If the CBE is passed, credit will be awarded.** Transfer students previously served in a Gifted/Talented program may continue to be served in the G/T program.

Students entering from another state or private school where grades are awarded in letter form rather than numerical form shall have them interpreted for ranking and other purposes unless the school from which the student transferred provides documentation of the numerical equivalent for each letter grade awarded. The course must be clearly identified as such on the transcript or confirmed as the equivalent of a basic or honors-level course by the sending school to the high school counselor.

VI. Schedule Changes

Any student initiated schedule change must be completed before the first day of school. Written parent permission is required. Other schedule changes may be approved only within the first 10 days of school and only in the case of improper academic placement in a course. Students are expected to be enrolled the entire year in two-semester courses. Any question about schedules should be referred to the counseling office.

In order to drop athletics, written approval must be obtained from the head coach of the sport or athletic director and parent.

There will be no random changing of classes at the beginning of school. **After 10 class days, students must receive approval from the principal. Changes may affect whether credit is given for new courses.**

VII. EOC (STAAR)

Five End of Course exams must be passed to meet graduation requirements—English 1, English 2, Algebra 1, Biology 1, and US History. The following table shows the testing schedule for each grade level.

School Year				
2020-2021	12 th Grade End of Course Retest if necessary Expected graduation	11 th Grade End of Course Exams	10 th Grade End of Course Exams	9 th Grade End of Course Exams

VIII. Awarding of Credit

Students earn one credit for a course offered for a year in which he/she earns a grade average of 70 or higher. In selecting courses, students will notice that some courses are for ½ credit, 1 credit, 2 credits, and some for 1/2 or 1 credit. A student must enroll all year for a 1-credit course, one semester for a 1/2-credit course, and either one or two semesters for a 1/2 or 1 credit course. **(Enrollment exception: Students who are repeating a 1-credit course may receive Counselor approval to enroll only in the semester failed.)**

Some students enroll in the first semester of a course where they have failed the second semester. These students are auditing the first semester to maintain the skills needed to pass the second semester.

Multiple credit courses meet for 2 or more class periods daily or involve a cooperative education work experience.

IX. High School Classification

All high school students are classified as members of a particular class as of the first day of each school year. Students graduating in three years will have a classification change to senior at December of their third year. Students who do not have 18 credits at the beginning of their fourth year will change to senior status at the beginning of the spring semester. This policy does not apply to UIL eligibility.

Requirements for 2020-2021 graduates

6 credits = sophomore

12 credits = junior

18 credits = senior.

X. Credit by Examination (Recovery of Credit)

Credit by examination for recovery of credit may be obtained through summer school or credit by exam from an approved testing program. Information may be obtained from the counselor's office. Credit by exam, summer school and correspondence courses will not be included in the final semester average for ranking purposes.

XI. Correspondence Courses

All students shall be eligible to take correspondence courses and earn credit toward graduation. Students may earn a maximum of two total units required by the state through correspondence courses. Prior to enrollment in correspondence courses, students shall make written request to the counselor for approval to enroll in the course. Students may be enrolled in only one correspondence course at time. Grades earned in correspondence courses shall not be used in computing class ranking.

XII. Credit by Examination (Without Prior Instruction)

These tests are used to award credit for courses not previously attempted. All students shall be eligible to take an exam for acceleration provided they have:

- Parent approval in writing in a manner determined by the superintendent or designee.
- Secondary CBE shall be administered to eligible students twice a year on dates set by the superintendent. Students must apply for exams 30 days prior to the exam date.
- Grades earned through CBE are not included in GPA ranking. **Students must score at least 80% to receive credit.**

XIII. UIL Eligibility

In order to participate in UIL events, students must be enrolled in five credit courses.

XIV. Compliance Statement

Hallettsville ISD does not discriminate on the basis of race, religion, color, national origin, sex, or handicap in providing education services, activities, and programs including vocational programs in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Acts of 1973, as amended; and Title II of the American with Disabilities Act.

Hallettsville ISD does not discriminate on the basis of disability by denying access to the benefits of District services, programs, or activities. To request information about the applicability of Title II of the American with Disabilities Act (ADA), interested persons should contact Superintendent Jo Ann Bludau.

The Hallettsville ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational programs.

XV. Revisions to Graduation Plans

HB5 established the Foundation Plan, the Distinguished Plan and Performance Achievement levels. Students will complete the foundation plan, complete a 4th math and science credit, and pick an endorsement for 2 additional credits to qualify for the Distinguished Plan. Performance Achievement will be measured by outstanding performance in a dual credit course, bilingualism, AP exam, PLAN, PSAT, ACT, or SAT score. Earning a certification or license will also count.

For 2015-2017 graduates:

Health and a technology applications class are no longer required on the Recommended Plan or the Foundation Plan*

***Our board voted December 14, 2009 to keep these credits as a local requirement for HHS.**

Hallettsville High School Grading System

A = 90-100

B = 80-89

C = 70-79

F = 69 and below

CLASS RANKING SYSTEM

Students will be ranked for class standing on the following system:

POINT SYSTEM FOR RANKING FOR CLASS OF 2005 AND BEYOND

Level 1 Basic		Level 2 Regular		Level 3 Advanced		Level 4 Dual Credit	
Grade	Grade Points	Grade	Grade Points	Grade	Grade Points	Grade	Grade Points
100	4.0	100	5.0	100	6.0	100	6.5
99	3.9	99	4.9	99	5.9	99	6.4
98	3.8	98	4.8	98	5.8	98	6.3
97	3.7	97	4.7	97	5.7	97	6.2
96	3.6	96	4.6	96	5.6	96	6.1
95	3.5	95	4.5	95	5.5	95	6.0
94	3.4	94	4.4	94	5.4	94	5.9
93	3.3	93	4.3	93	5.3	93	5.8
92	3.2	92	4.2	92	5.2	92	5.7
91	3.1	91	4.1	91	5.1	91	5.6
90	3.0	90	4.0	90	5.0	90	5.5
89	2.9	89	3.9	89	4.9	89	5.4
88	2.8	88	3.8	88	4.8	88	5.3
87	2.7	87	3.7	87	4.7	87	5.2
86	2.6	86	3.6	86	4.6	86	5.1
85	2.5	85	3.5	85	4.5	85	5.0
84	2.4	84	3.4	84	4.4	84	4.9
83	2.3	83	3.3	83	4.3	83	4.8
82	2.2	82	3.2	82	4.2	82	4.7
81	2.1	81	3.1	81	4.1	81	4.6
80	2.0	80	3.0	80	4.0	80	4.5
79	1.9	79	2.9	79	3.9	79	4.4
78	1.8	78	2.8	78	3.8	78	4.3
77	1.7	77	2.7	77	3.7	77	4.2
76	1.6	76	2.6	76	3.6	76	4.1
75	1.5	75	2.5	75	3.5	75	4.0
74	1.4	74	2.4	74	3.4	74	3.9
73	1.3	73	2.3	73	3.3	73	3.8
72	1.2	72	2.2	72	3.2	72	3.7
71	1.1	71	2.1	71	3.1	71	3.6
70	1.0	70	2.0	70	3.0	70	3.5

- No grade points will be given for a grade below 70.
- Official student ranking for graduates will be available after the fifth six weeks. The ranking will be based on grades up through the fifth six weeks of the graduating year.
- All other rankings are unofficial.
- Algebra I or other high school courses taken in the 8th grade year will not count toward high school GPA.
- Correspondence course credits and summer school credits (for recovery of credit) will not count toward high school GPA.
- Concurrent enrollment in courses taken on campus will count toward GPA.

Core Courses

LANGUAGE ARTS

ENGLISH I

Grade Placement: 9
Prerequisite: None

GPA Level: 2
Semester: 2
Credits: 1

The course is an introduction to the various genres of literature with emphasis on reading comprehension, vocabulary, and literary terminology. Students use the different writing types to respond to the reading selections. Grammar usage, punctuation, capitalization, sentence structure, word usage, vocabulary, and spelling are also emphasized.

ENGLISH I PAP

(Pre-Advanced Placement)

Grade Placement: 9
Prerequisite: Completion of Summer Reading Assignment

GPA Level: 3
Semesters: 2
Credits: 1

The course will include independent reading and research in all genres of world literature, development of higher level critical thinking skills, and use of the writing process to compose various forms of discourse for a variety of audiences and purposes. Summer reading assignments will be given in the spring of 8th grade.

ENGLISH II

Grade Placement: 10
Prerequisite: English I

GPA Level: 2
Semesters: 2
Credits: 1

Various forms of literature are studied: short story, drama, poetry, and novel. Students will develop composition skills through writing a variety of essay themes. Research and documentation skills are also introduced. Grammar is reviewed, and spelling, capitalization, sentence structure, word usage, and vocabulary activities are also included throughout the year.

ENGLISH II PAP

(Pre-Advanced Placement)

Grade Placement: 10
Prerequisite: Completion of Summer Reading Assignment **AND** English I PAP

GPA Level: 3
Semesters: 2
Credits: 1

This course is an in depth study of major literary works, emphasizing independent research and analysis, in conjunction with higher level vocabulary and writing skills. This course stresses creative and analytical thinking skills. Requirements include two research projects each year and eight novels read outside of class. Plays, short stories, poetry, and nonfiction are covered in depth. Sentence structure, paragraph unity, and essay writing are reviewed and practiced.

ENGLISH III

Grade Placement: 11
Prerequisite: English II

GPA Level: 2
Semesters: 2
Credits: 1

Students explore the evolution of American literature through critical discussion and writing assignments. Advanced reading concepts and skills are emphasized. Techniques of research, grammar, usage, mechanics, and vocabulary are taught. A major research project is developed. Cultural development is encouraged through extensive individual reading and reporting. Emphasis is placed on learning various approved writing styles/techniques. This is developed throughout the understanding and investigation of American literature style and concepts.

ENGLISH III AP (Advanced Placement)

Grade Placement: 11
Prerequisite: Completion of Summer Reading

GPA Level: 3
Semesters: 2
Credits: 1

This course is designed for college bound students. The course emphasizes an active reading of representative works of literature toward the acquisition of an advanced vocabulary, the strengthening of reading comprehension, and the development of higher level thinking skills, all to be exhibited in the student's written critical responses to the literature. Emphasis will be placed on writing. Course requirements include research papers and outside reading. The advanced placement test for college credit is given in May.

ENGLISH IV

Grade Placement: 12
Prerequisite: English III

GPA Level: 2
Semesters: 2
Credits: 1

A balance is struck between composition and literature. Students write different types of multi-purpose essays including research and compositions of literary analysis. The literature portion of the course consists of a survey of English literature. Grammar, vocabulary, spelling, advanced reading skills, and speech are also stressed. Class presentations are required.

ENGLISH IV AP

Grade Placement: 12
Prerequisite: English 3 AP

GPA Level: 3
Semesters: 2
Credits: 1

This course is designed for college bound students. The advanced placement test for college credit is in May.

COLLEGE CREDIT- UT OnRamps**ENGLISH 1301-COMPOSITION AND RHETORIC**

Grade Placement: 12
Prerequisite: 80 cumulative average in all courses,
approval of principal, paid tuition

GPA Level: 4
Semesters: 1
Credits: .5
College Credit

This course is designed for students wanting to get a head start on college credits. The first semester of college freshmen English focuses on the writing of researched argumentative expository and persuasive papers. Analytical reading, critical thinking, and library-based research skills are emphasized. Essays, including a 2,000 word documented library research-based paper will be required.

COLLEGE CREDIT- UT OnRamps**ENGLISH 1302—ENGLISH 2322**

Grade Placement: 12
Prerequisite: English 1301
approval of principal, paid tuition

GPA Level: 4
Semesters: 1
Credits: .5
College Credit

This course has a continued emphasis on good writing skills. Additional emphasis on genres of literature, formal vocabulary study, and library research skills. Written compositions, examinations, and research project required.

INDEPENDENT STUDY IN ENGLISH

Grade Placement: 12

Prerequisite: Identified as Gifted and Talented

GPA Level: 2

Semesters: 1(Spring)

Credits: .5

This course is designed for gifted and talented students to research desired topics using various media. Students taking this course may use this course as a measure toward the DAP diploma.

PROFESSIONAL COMMUNICATIONS (Speech)

Grade Placement: 9-12

Prerequisite: None

GPA Level: 2

Semesters: 1

Credits: .5

This course is designed to assist students in developing the ability to speak publicly. The course will stress topic selection, research, organization of ideas, selection of language, preparation, delivery skills, listening skills, and evaluative skills. Students will develop verbal and nonverbal speaking skills in a variety of public address situations. This includes persuasive, informative, and extemporaneous speeches.

YEARBOOK

Grade Placement: 10-12

Prerequisite: Approval of sponsor

GPA Level: N/A

Semesters: 2

Credits: Local

This course is both a specialized laboratory for practical journalistic experiences and the production unit for the high school yearbook. Objectives include management and production of major and minor sections of the yearbook and effectively performing one or more specific assignments essential for the production and publication of the high school yearbook. Duties may also include taking, editing and printing pictures, selling ads, and implementing an advertising campaign. Students will learn the basics of photography, design layout, computer graphics, and advertising. Students will be expected to work within time constraints and budget limitations.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

Grade Placement: 9-12

Prerequisite: None

GPA level: 2

Semesters: 2

Credits: 1

The emphasis of this course is a multi-level classroom instruction to improve language skill areas. Emphasis is placed on rapidly improving the student's ability to communicate in English through the use of authentic reading, writing, listening and speaking exercises. American culture and academic study skills will also be presented.

MATHMETICS

Sequences:

1. Algebra I, Geometry, Algebra II, Pre-Calculus or College Prep Math
2. Algebra I, Geometry, Algebra II, Pre-Calculus, Calculus
3. Algebra I, Geometry, Math Models, Algebra II

ALGEBRA I

Grade Placement: 9-10

Prerequisite: None

GPA Level: 2

Semesters: 2

Credit: 1

Algebra I involves concepts, skills and properties associated with real numbers, linear equations and inequalities in one and two variables, including graphing, polynomials, rational expressions, ratio and proportions, roots and powers, and quadratic equations.

ALGEBRA I Honors

Grade Placement: 9

Prerequisite: Recommended 85+ average in 8th grade math.
Meets/Masters Math STAAR

GPA Level: 3

Semesters: 2

Credit: 1

GEOMETRY

Grade Placement: 10-12

Prerequisite: Algebra I

GPA Level: 2

Semesters: 2

Credit: 1

Geometry is a study of geometry basics, angle basics, parallel lines & angles, angles of polygons, quadrilaterals, right triangles, similarity, area & perimeter of polygons, the coordinate plane, surface/lateral area and volume of prisms/pyramids/spheres, arcs/sectors/angles of circles and proofs, using inductive & deductive reasoning.

GEOMETRY Honors

Grade Placement: 9 or 10

Prerequisite: Recommended 85+ average in Algebra I
Meets/Masters Algebra I STAAR

GPA Level: 3

Semesters: 2

Credits: 1

An advanced study of Geometry that stresses creative and logical thinking by using inductive and deductive reasoning in proofs while investigating the relations, properties, and measurements of basic geometric figures.

MATHEMATICAL MODELS WITH APPLICATIONS

Grade Placement: 11-12

Prerequisite: Algebra I and Geometry

GPA Level: 2

Semesters: 2

Credits: 1

This course uses mathematics skills learned in previous math courses to solve real-life applied problems involving money, data, chance, patterns, music, design, and science. As students do mathematics, they continually use problem-solving, language, and communication, connections within and outside mathematics, and reasoning.

ALGEBRA II

Grade Placement: 10-12

Prerequisite: Algebra I and Geometry (recommended average of 80)

GPA Level: 2

Semesters: 2

Credits: 1

Algebra II continues the development and provides extensions of fundamental concepts and skills that were introduced in Algebra I. Algebra II is the study of theorems, axioms and proofs, solving equations and inequalities along with sequences, series, linear functions, and relations. Quadratic equations, logarithms, determinants, matrices, products and factors of polynomials, conic sections, and radicals are also studied. Graphing calculators are used for the class.

ALGEBRA II Honors

Grade Placement: 10-12

Prerequisites: Algebra I Honors or teacher recommendation

(Can be taken concurrently with Geometry Honors upon teacher recommendation.)

GPA Level: 3

Semesters: 2

Credits: 1

Honors Algebra II continues the development and provides extensions of concepts and skills that were introduced in Algebra I. Honors Algebra II is the advanced study of theorems, axioms, and proofs, solving equations and inequalities along with sequences, series, linear functions, and relations. Quadratic equations, logarithms, determinants, matrices, products and factors of polynomials, conic sections, and radicals are also studied. Graphing calculators are used for the class.

PRE-CALCULUS

Grade Placement: 11-12

Prerequisite: Algebra II, Recommended average of 80 in Geometry/Algebra II

GPA Level: 2

Semesters: 2

Credits: 1

Pre-Calculus extends Algebra II concepts and introduces trigonometric concepts. Course content includes relations, functions, and their graphs; polynomial functions; rational functions; exponential and logarithmic functions; circular trigonometry functions, their properties and applications (including graphs); vectors; conics; sequences and series and higher degree relations. Graphing calculators are necessary for the class.

PRE-CALCULUS PAP

(Pre-Advanced Placement)

Grade Placement: 11-12

Prerequisites: Algebra II Honors, recommended average of 85 or teacher recommendation

GPA Level: 3

Semesters: 2

Credits: 1

Pre-AP Pre-Calculus is a preparatory study for Calculus. Course content includes an extensive and in-depth study of relations, functions, and their graphs; polynomial functions; rational functions and radicals; exponential and logarithmic functions; circular trigonometry functions, their properties, and application (including graphs and simple harmonic motion); vectors; conics; sequences and series; and higher degree relations. Graphing calculators will be used extensively as a visual tool and are necessary for the class.

AP CALCULUS AB

(Advanced Placement)

Grade Placement: 12

Prerequisite: Pre-Calculus PAP (80 avg or better)

GPA Level: 3

Semesters: 2

Credits: 1

This intensive course is the final course of the high school advanced math program. Students will study functions and their limits, the derivation of algebraic functions with some of their applications, and integration. Graphing calculators will be used as a visual tool and are recommended for the class. Students will be encouraged to take the Advanced Placement exam in May. Upon passing the exam, students can earn college credit for the first semester of calculus.

SCIENCE

BIOLOGY

Grade Placement: 9
Prerequisite: None

GPA Level: 2
Semesters: 2
Credits: 1

This course introduces students to basic concepts of the life sciences. Topics include: safety, scientific methods, biochemistry, the cell, heredity, evolution, taxonomy, microbiology, human biology, ecology, and botany.

BIOLOGY HONORS

Grade Placement: 10
Prerequisite: Earn a final grade of 85% or higher in 8th grade science class AND demonstrate Meets or Masters level on 8th grade science STAAR.

GPA Level: 3
Semesters: 2
Credit: 1

This course emphasizes more complex lab work and greater depth than biology. Some of the Biology Honors objectives will be covered. Students will write formal lab reports. The course is demanding and will require self-motivation and interest in the subject.

INTEGRATED PHYSICS AND CHEMISTRY

Grade Placement: 9, 10
Prerequisite: None

GPA Level: 2
Semesters: 2
Credits: 1

This course introduces students to basic concepts of chemistry and physics. Topics include safety, measurement, matter, chemical reactions, motion, work, heat, waves, sound, light, electricity, and magnetism.

CHEMISTRY

Grade Placement: 11-12
Prerequisite: Geometry, Algebra II concurrent or teacher recommendation

GPA Level: 2
Semesters: 2
Credits: 1

This course is a laboratory class that emphasizes crucial concepts of chemistry such as formulas and reactions, the atom and elements, and formation of compounds and principles of acids/bases.

CHEMISTRY HONORS

Grade Placement: 11
Prerequisite: Algebra II concurrent, recommendation of IPC or Bio teacher

GPA Level: 3
Semesters: 2
Credits: 1

This course is a lab course that emphasizes mathematical analysis of chemistry concepts preparatory for advanced placement Biology, Physics and/or Chemistry.

ADVANCED ANIMAL SCIENCE

Prerequisite: Principles of Ag, Biology
Grade Placement: 11, 12

GPA Level: 2
Semesters: 2
Credits: 1

This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS

Grade Placement: 11, 12

Prerequisite: Biology and Chemistry

GPA Level: 2

Semesters: 2

Credits: 1

This course focuses on the structure and function of cells, tissues, and organs of the following systems: Integumentary, Skeletal, Muscular, Nervous, Circulatory, Respiratory, Digestive, Urinary, Reproductive, and Endocrine systems. Consideration is given to energy needs and the processes through which these needs are fulfilled, response to internal and external forces of the human body, processes to maintain homeostasis and metabolism, homeostatic imbalances, electrical conduction processes and interactions, environmental factors affecting the human body, electrolyte and fluid balance, reproduction, growth and embryonic development of the human body.

PHYSICS

Grade Placement: 11,12

Prerequisite: Chemistry

GPA Level:2

Semesters: 2

Credits: 1

This course deals with the basic nature of motion, forces, matter, heat, sound, light, and electricity Using a combination of conceptual and mathematical approaches. (Algebra skills need to be strong.)

EARTH AND SPACE SCIENCE

Grade Placement: 11, 12

Prerequisite: Biology, Chemistry

GPA Level: 2

Semesters: 2

Credits: 1

This course will cover the study of earth and space systems of nature and how that involves energy. The proper stewardship of the earth will be emphasized.

FORENSIC SCIENCE

Grade Placement: 11, 12

Prerequisite: Biology, Chemistry

GPA Level: 2

Semesters:

Credits: 1

This course introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science.

SOCIAL STUDIES

WORLD GEOGRAPHY

Grade Placement: 9

Prerequisite: None

GPA Level: 2

Semesters: 2

Credits: 1

This course is a study of the earth and the way people live and interact with it and work on it. The scope of this course will include physical, economic, and cultural geography. Students will become familiar with geographic terminology. They also will be provided opportunities to locate and describe major landforms and features of the earth as well as major natural resources of the world.

WORLD GEOGRAPHY HONORS

Grade Placement: 9

Prerequisite: Earn a final grade of 85% or higher in 8th grade Soc Studies class AND demonstrate Meets or Masters level on 8th grade Soc Studies STAAR.

GPA Level: 3

Semesters: 2

Credits: 1

A rigorous course of study with an emphasis on independent study in the six essential elements of geography (world in spatial terms, places and regions, physical systems, human systems, environment and society, and uses of geography). Students will use research techniques to examine the five themes for each continent.

WORLD HISTORY

Grade Placement: 10

Prerequisite: World Geography

GPA Level: 2

Semesters: 2

Credits: 1

This course is an overview of the history of the world from the earliest cultures to the present. Historical development of western civilization is traced by examining the Greek and Roman societies and their contributions to modern civilization. The historical development of other regions is covered by tracing the development of national unity in Russia, India, Japan and China and by examining the development of the pre-Columbian cultures in America, along with the emergence of nation states in the Middle East, Latin America, Africa and Asia.

WORLD HISTORY HONORS

Grade Placement: 10

Prerequisite: World Geography PAP or Teacher Approval

GPA Level: 3

Semesters: 2

Credits: 1

A study with an overview of the history of the world from pre-historic man to modern times. Western civilization is stressed and investigated through the development of early civilizations, such as Mesopotamia, Greek, Roman, Middle Ages, and America. There is an emphasis on primary sources and secondary sources in the discovery of information. Essay writing is developed in preparation for AP Classes.

U. S. HISTORY

Grade Placement: 11

Prerequisite: World Geography or World History

GPA Level: 2

Semesters: 2

Credits: 1

This course is a survey of American History from Reconstruction to present. It highlights important documents, leaders, basic government, geography and other major factors contributing to the social and cultural development of the United States.

U. S. GOVERNMENT

Grade Placement: 12
Prerequisite: U.S. History

GPA Level: 2
Semesters: 1
Credits: .5

This course is an analysis of the executive, legislative, and judicial branches of government. Students will trace the growth of government and the two party system in the United States.

ECONOMICS

Grade Placement: 12
Prerequisite: U.S. History

GPA Level: 2
Semesters: 1
Credits: .5

This course is a study of the basic principles of economics: laws of supply and demand, the business cycle, gross national product, inflation, and recession. Discussion of types of ownership, stock market activity, taxation, and government regulation will occur.

COLLEGE CREDIT

Dual Credit U.S. History 1301/1302 Victoria College

Grade Placement: 11

GPA Level: 4
Semesters: 1 or 2
Credits: 1

Prerequisite: TSI, approval of counselor, paid tuition

A rigorous course of study taught on the college level with emphasis on connecting the events of the past to the situations of the present. The optional advanced placement test for college credit is given in the spring.

COLLEGE CREDIT

Dual Credit AMERICAN GOVERNMENT 2305 -

Grade Placement: 12
Prerequisite: 80 cumulative average in all courses,
TSI, approval of counselor, paid tuition

GPA Level: 4
Semesters: 1
Credits: .5
College Credit

This course is designed to help students get a head start on college. This course studies the origin and development of the federal system; national and Texas constitutions: national and Texas legislative, executive, and judicial structure and functions.

COLLEGE CREDIT

Dual Credit ECONOMICS 2301 -

Grade Placement: 12
Prerequisite: Government 2305,
TSI, approval of counselor, paid tuition

GPA Level: 4
Semesters: 1
Credits: .5
College Credit

An introductory survey of the economy as a whole including such topics as economic organization, national income, economic growth, inflation, money and banking, monetary and fiscal policy. Additional attention is given the problems of underdevelopment in both domestic and foreign economics, and to an analysis of the public sector.

Enrichment Courses

FINE ARTS

STUDIO ART I

Grade Placement: 9-12
Prerequisite: None

GPA Level: 2
Semesters: 2
Credits: 1

This course of study is an introduction to art. Basic composition, design, drawing, and painting using a variety of media are presented.

ART DRAWING II

Grade Placement: 10-12
Prerequisite: Art I and Teacher Approval

GPA Level: 2
Semesters: 2
Credits: 1

This course of study is an in-depth continuation of the use of the art elements and the application of the principles of art. There will be an advanced study of composition, design, drawing, and painting using a variety of media. Sketchbook assignments will be given each six weeks as outside work.

ART DRAWING III

Grade Placement: 11-12
Prerequisite: Art Drawing II and Teacher Approval

GPA Level: 2
Semesters: 2
Credits: 1

This course of study is an in-depth continuation of the use of the art elements and the application of the principles of art. There will be an advanced study of composition, design, drawing, and painting using a variety of media. Sketchbook assignments will be given each six weeks as outside work.

ART DRAWING IV

Grade Placement: 12
Prerequisite: Art Drawing III
And Teacher Approval

GPA Level: 2
Semesters: 2
Credits: 1

A rigorous course of study that is an in-depth continuation of the use of the art elements and the application of the principles of art. There will be an advanced study of composition, design, drawing, and painting using a variety of media. Two and three-dimensional works in a variety of media will be included.

BAND I- IV

Grade Placement: 9-12
Prerequisite: Jr. High Band

GPA Level: 2
Semesters: 2
Credits: 1

Band is performance-oriented, including concerts, marching performances, parades, contests, and solo work.

THEATER I – IV One Act Play

Grade Placement: 9-12
Prerequisite: None

GPA Level: 2
Semesters: 2
Credits: 1

Theatre I explores the realm of acting through the origins of drama. Students will evaluate theatrical performances and use creativity in pantomime, improvisation, stage action, and puppet design.

APPLIED MUSIC

Grade Placement: 11,12
Prerequisite: Band 1-2

GPA Level: 2
Semesters: 2
Credits: 1

This course will be taught as an independent study in music, and the coursework will be determined by the student's proficiency level.

FOREIGN LANGUAGE**SPANISH I**

Grade Placement: 10-12
Prerequisite: None

Grade Level: 2
Semesters: 2
Credits: 1

This course enables the student to work in a classroom atmosphere of challenge, variety, cooperation, and enjoyment designed to stimulate him/her to work together towards language proficiency in all four language skills. The purposes of the class include: developing cultural awareness of the Spanish-speaking world and its people, developing listening comprehension skills, developing communications skills, and acquiring vocabulary in context.

SPANISH II

Grade Placement: 11-12
Prerequisite: Spanish I

GPA Level: 2
Semesters: 2
Credits: 1

This course enables students to expand their vocabulary and strengthen their grammar base and handle this material with confidence. The purposes of the class are: to stimulate previously learned material, to stimulate cultural awareness, to develop oral proficiency, to expand the vocabulary base, and develop writing skills.

CAREER AND TECHNOLOGY

AGRICULTURAL SCIENCE

PRINCIPLES OF AG, FOOD, AND NATURAL RESOURCES

Grade Placement: 9-12

Prerequisite: None

GPA Level: 2

Semesters: 2

Credits: 1

A comprehensive basic course designed to introduce beginning students to global agriculture. The course includes agricultural career development, leadership, communications, and personal finance. It also covers the history of world ag and the basics of soil, plant, crop, and animal science. **This course is the PREREQUISITE for all other Ag classes.**

LIVESTOCK PRODUCTION

Grade Placement: 10-12

Prerequisite: Principles of Ag, Food, and Nat Resource

GPA Level: 2

Semesters: 1-2

Credits: .5-1

This course covers the breeds of cattle and all aspects of the anatomy and physiology of beef production.

AG MECHANICS AND METAL TECHNOLOGY

Grade Placement: 10-12

Prerequisite: Principles of Ag, Food, and Nat Resources

GPA Level: 2

Semesters: 2

Credits: 1

This course deals with the basics of Ag mechanics, such as safety and tool identification. It also introduces students to welding, oxy-fuel work, and woodworking. The second semester develops skills in metal equipment assembly and joining processes. All aspects of hot metal, including plasma cutting, Mig welding, and the layout of projects will be covered.

WILDLIFE FISHERIES, AND ECOLOGY MANAGEMENT

Grade Placement: 11, 12

Prerequisite: Principles of Ag, Food, and Nat Resources

GPA Level: 2

Semesters: 2

Credits: 1

Students will analyze, identify, and understand wildlife and fish management. Policies, laws, and administration will also be discussed. The course also includes natural resource education. Students will receive their hunter education certification.

HORTICULTURE SCIENCE

Grade Placement: 10-12

Prerequisite: Principles of Ag, Food, and Nat Resources

GPA Level: 2

Semesters: 2

Credits: 1

A course designed to develop skills in the production of greenhouse/nursery plants and the maintenance of plant growth and propagation structures.

PRINCIPLES AND ELEMENTS OF FLORAL DESIGN

Grade Placement: 10-12

Prerequisite: Principles of Ag, Food, and Nat Resources

GPA Level: 2

Semesters: 2

Credits: 1

This course covers the principles of floral design, the cut flower management and preservation, and basic designs—corsages, table arrangements, etc. (This course also counts as a fine art.)

SMALL ANIMAL/EQUINE SCIENCE

Grade Placement: 10-12

GPA Level 2

Semesters: 1 each

Credits: .5 each

VET MEDICAL APPLICATIONS

Grade Placement: 11-12

GPA Level 2

Semesters: 2

Credits: 1

VET TECH PRACTICUM

Grade Placement: 12

GPA Level 2

Semesters: 1

Credits: 2

FOOD PROCESSING

Grade Placement: 10-12

Prerequisite: Principles of Ag, Food, and Nat Resources

GPA Level: 2

Semesters: 2

Credits: 1

This course studies the processing of beef, swine, poultry, etc—from the slaughter of the animal to the consumer.

ADVANCED ANIMAL SCIENCE

Grade Placement: 11, 12

Prerequisite: Principles of Ag, Food, and Nat Resources

GPA Level: 2

Semesters: 2

Credits: 1

A course designed to examine the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to expand one's knowledge of the scientific and technological dimensions of resources necessary for animal production.

PROFESSIONAL STANDARDS IN AGRIBUSINESS

Grade Placement: 11-12

Prerequisite: Principles of Ag, Food, and Nat Resources

GPA Level: 2

Semesters: 2

A course designed to prepare for careers in agribusiness systems. Students will learn technical knowledge & skills related to leadership development & and workplace, develop knowledge & skills regarding agricultural career opportunities, entry requirements, & industry expectations. Primary focus on leadership, communication, employer-employee relations, & problem solving as they relate to agribusiness.

COMPUTER TECHNOLOGY

DIGITAL MEDIA

Grade Placement: 9-12
Prerequisite: None

GPA Level: 2
Semesters: 2
Credits: 1

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

COMPUTER SCIENCE I

Grade Placement: 10-12
Prerequisite: Algebra I

GPA Level: 2
Semesters: 2
Credits: 1

Computer Science is a programming class in the Java language. It requires students to be able to think logically and independently and be able to program with a single result in mind. The student will use appropriate computer-based productivity tools to create and modify solutions to problems, and deliver that product electronically in a variety of media with appropriate supervision.

ROBOTICS

Grade Placement: 11-12
Prerequisite: Algebra I

GPA Level: 2
Semesters: 2
Credits: 1

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

ANIMATION

Grade Placement: 10-12
Prerequisite: Digital Media

GPA Level: 2
Semesters: 2
Credits: 1

Careers in animation span all aspects of motion graphics. In this course, students will develop an understanding of the history and techniques of the animation industry. Skills to be addressed may include how to acquire information in a variety of electronic formats; how to combine graphics, images, and sound; and how to publish and deliver a product in a variety of media.

VIDEO GAME DESIGN

Grade Placements: 10-12
Prerequisite: Digital Media

GPA Level: 2
Semesters: 2
Credits: 1

This course will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

AUDIO-VIDEO PRODUCTION I

Grade Placement: 10-12
Prerequisite: Digital Media

GPA Level: 2
Semesters: 2
Credits: 1

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. In this course, students will develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities. Topics of study include appropriate uses of hardware components and software programs; understanding of casting and audition processes; and understanding of various audio and lighting techniques.

ADVANCED AUDIO-VIDEO PRODUCTION II

Grade Placement: 11-12
Prerequisite: A-V Production I

GPA Level: 2
Semesters: 2
Credits: 1

In addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities.

MULTIMEDIA

Grade Placement: 11-12
Prerequisite: type 30 words per minute or Keyboarding

GPA Level: 2
Semesters: 2
Credits: 1

Multimedia is the study of technology application foundations: analyzing information, problem solving, and creating solutions using a wide variety of media. Students will communicate information in a variety of formats, which include but are not limited to audio, video, and computer.

WEB TECHNOLOGIES

Grade Placement: 10-12
Prerequisite: type 30 words per minute

GPA Level: 2
Semesters: 2
Credits: 1

Students will learn the markup language needed to design and create their own web pages. The second semester will introduce the use of Dreamweaver, a text editing program that automatically creates the markup language for you as you create your own web pages.

HEALTH SCIENCE

PRINCIPLES OF HEALTH SCIENCES

Grade Placement: 10-12

Prerequisite: None

GPA Level: 2

Semesters: 2

Credits: 1

This course provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others.

MEDICAL TERMINOLOGY

Grade Placement: 10-12

Prerequisite: None

GPA Level: 2

Semesters: 2

Credits: 1

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

HEALTH SCIENCE THEORY/CLINICALS (CNA training)

Grade Placement: 11-12

Prerequisites: Biology

GPA Level: 2

Semesters: 2

Credits: 2

This course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. Students also should identify the employment opportunities, technology, and safety requirements of the health care industry. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment. This course must be taken concurrently with Health Science Clinical and may not be taken as a stand-alone course.

The Health Science Clinical course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. This course must be taken concurrently with Health Science Theory and may not be taken as a stand-alone course.

FAMILY AND CONSUMER SCIENCE

PRINCIPLES OF HUMAN SERVICES

Grade Placement: 9-10

Prerequisite: None

GPA Level: 2

Semesters: 2

Credits: 1

Laboratory course enables students to investigate careers in the human services career cluster. Each student is expected to complete the knowledge and skills essential for success in high skill, high wage, or high demand jobs.

CHILD DEVELOPMENT

Grade Placement: 10-12

Prerequisite: Principles of Human Services

GPA Level: 2

Semesters: 2

Credits: 1

This laboratory course addresses knowledge and skills related to child growth and development from prenatal through school age. There is a **MANDATORY** "baby project" that is **REQUIRED** of each student in order to earn credit in this course. It involves being responsible for a computerized infant for an assigned number of days. Students will "care" for their baby both during school and at home as part of the project.

PRINCIPLES OF EDUCATION AND TRAINING

Grade Placement: 10-12

Prerequisite: Principles of Human Services

GPA Level: 2

Semesters: 2

Credits: 1

This course is designed to introduce students to the various careers available within the education and training career cluster. Students will analyze various careers and gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster.

This course will also help students develop a graduation plan that leads to a specific career choice in the student's interest area.

INSTRUCTIONAL PRACTICES IN EDUCATION AND TRAINING

Grade Placement: 12

Prerequisite: Principles of Education and Training

GPA Level: 2

Semesters 2

Credits: 2

Field based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood education or trainers in direct instructional roles with elementary, middle school and high school aged students. They learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments and complete other teacher responsibilities.

MONEY MATTERS

Grade Placement: 11-12

Prerequisite: Algebra 1, Geometry

GPA Level: 2

Semesters: 2

Credits: 1

This course will investigate money management from a personal financial perspective. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to establish short-term and long-term financial goals. Students will examine various methods of achieving short-term and long-term financial goals through various methods such as investing, tax planning, asset allocating, risk management, retirement planning, and estate planning.

TRADE AND INDUSTRIAL

WELDING I

Grade Placement: 9-12

Prerequisite: None

Two hour course

GPA Level: 2

Semesters: 2

Credits: 2

Instruction is designed to provide job-specific training for entry-level employment in welding careers. Instruction includes blueprint reading, cutting and welding with oxygen and gas fuels, shielded metal arc welding, gas tungsten and gas metal arc welding processes.

ADVANCED WELDING

Grade Placement: 10-12

Prerequisite: Welding I

Two hour course

GPA Level: 2

Semesters: 2

Credits: 2

Instruction is designed to provide enhanced job-specific training for employment in welding careers. Instruction includes in-depth blueprint reading, cutting and welding with oxygen and gas fuels, shielded metal arc welding, gas tungsten arc and gas metal arc welding processes.

PRECISION METAL MANUFACTURING

Grade Placement: 11-12

Prerequisite: Advanced Welding

Two hour course

GPA Level: 2

Semesters: 2

Credits: 2

Instruction is designed to provide job-specific training for employment in metal trade careers. Instruction includes an emphasis on machining and welding.

ADVANCED PRECISION METAL MANUFACTURING

Grade Placement: 12

Prerequisite: Precision Metal Manufacturing

Two hour course

GPA Level: 2

Semesters: 2

Credits: 2

Even more advanced instruction in metal manufacturing—a senior level class.

SMALL ENGINE TECHNOLOGY

Grade Placement: 9-12

Prerequisite: None

GPA Level: 2

Semesters 1-2

Credits: .5-1

Instruction is designed to provide basic knowledge of automotive services, the functions and applications of the tools, equipment, technologies, and materials used in automotive services, and the application of these concepts and skills in actual work situations.

ADVANCED SMALL ENGINE TECHNOLOGY

Grade Placement: 10-12

Prerequisite: Small Engine Technology

Two hour course

GPA Level: 2

Semesters: 2

Credits: 2

Repair and service career field. Instruction emphasizes use of repair manuals, service and/or repair of basic automobile component- fuel systems, engines, emission controls, power trains, chassis, electrical systems, Instruction is designed to provide job-specific training for entry-level employment in the automotive engine brakes, heating and air conditioning.

AUTOMOTIVE TECHNOLOGY

Grade Placement: 11-12

Prerequisite: Advanced Small Engine Technology

Two hour course

GPA Level: 2

Semesters: 2

Credits: 2

The Automotive Technology program is designed to prepare students for employment in the high technology automotive service industry. Students will gain knowledge in automotive air conditioning, electrical systems, fuel injection, transmissions and transaxles, engine performance, brake systems, steering and suspension systems, and computerized automotive control systems. Emphasis will be placed on hands-on learning in the labs to develop diagnostic and troubleshooting skills, as well as repair procedures.

ADVANCED AUTOMOTIVE TECHNOLOGY

Grade Placement: 11-12

Prerequisite: Automotive Technology

Two hour course

GPA Level: 2

Semesters: 2

Credits: 2

Instructional modules are designed to provide job-specific training for entry-level employment in one or more of the specialty service careers. Career areas include: automotive transmission and transaxle, brakes, electrical/electronic systems, engine performance, suspension and steering, engine repair, heating and air conditioning, and manual drive train and axles.

TRANSPORTATION SYSTEMS MANAGEMENT

Grade Placement: 12

Prerequisite: Advanced Automotive Technology

Two hour course

GPA Level: 2

Semesters: 2

Credits: 2

A continuation of training for entry-level employment in one or more of the specialty transportation areas.

ELECTRICAL – Victoria College instructor

Grade Placement: 11-12

Prerequisite: Core (taken concurrently)

GPA Level: 2

Semesters: 2

Credits: 2

Core Curriculum: Introductory Craft Skills: This course provides an introduction to basic safety, construction math, hand tools, power tools, blueprints, rigging, communication skills, and basic employability skills.

Electrical Level 1: This course provides an introduction to the electrical trade; introduction to electrical circuits, theory, and safety; introduction to the National Electrical Code®; conductors and cable, device boxes, hand bending; residential electrical services.

HVAC Level 1: This introductory course covers heating, ventilation, and air conditioning (HVAC) principles. Topics include introduction to cooling and heating; basic electricity; air distributing systems; copper and plastic piping practices; soldering and brazing; trade mathematics; ferrous metal piping practices.

HEALTH/PHYSICAL EDUCATION

HEALTH EDUCATION

Grade Placement: 9-12

Prerequisite: None

GPA Level: 2

Semesters: 1

Credits: .5

This course provides an introduction to health facts that develop proper attitudes, establish practices, and habits that will contribute to personal, family, and community health. A local requirement at HHS.

PHYSICAL EDUCATION

(9th grade), Foundations of Personal Fitness/Lifetime Activities

(10th - 12th grade), Intramural Sports & Fitness for Life

Grade Placement: 9-12

Prerequisite: None

GPA Level: N/A

Semesters: 1-2

Credits: .5-1

This course helps students maintain a physically healthy body through exercise of the large muscles. Organization of team sports and physical exercise shall be used to meet this objective. Educational values derived shall be discipline, mental health, cleanliness, and social acceptance. Suiting out and participation is an essential in the course.

ATHLETICS (Girls)

Grade Placement: 9-12

Prerequisite: Previous participation in a sport

and /or approval by Athletic Director/Coach

GPA Level: N/A

Semesters: 1-2

Credits: .5-1

Volleyball, Basketball, Softball, and Track – students are enrolled in athletics class all year

Cross Country, Golf and Tennis – after school only

ATHLETICS (Boys)

Grade Placement: 9-12

Prerequisite: Previous participation in a sport

and /or approval by Athletic Director/Coach

GPA Level: N/A

Semesters: 1-2

Credits: .5-1

A student must participate in the spring off season program in order to participate in the fall.

Football, Basketball, Track, Baseball– students are enrolled in athletics class all year

Cross Country, Golf and Tennis – after school only

OTHER COURSES and LOCAL CREDIT COURSE

STAAR/EOC TUTORIALS—will be offered in ELA, Math, Science, and Social Studies as needed.

COLLEGE PREP

Grade Placement: 12

Prerequisite: None

GPA Level: 2

Semesters 1-2

Credits: 1

A math and/or English class designed to help seniors meet college readiness standards.

AVID

Grade placement: 9-12

Prerequisite: Interview

AVID is an elective college preparatory system that prepares students to attend a four-year college upon high school graduation. It is for middle to upper-middle academic students. AVID combines rigor with support that includes each student's own individual determination and the support of teachers, other AVID students, family members, the AVID teacher, and tutors. Students will explore career possibilities and college campuses.

TIPS FOR UNIVERSITY BOUND STUDENTS **

IN THE 9 TH GRADE	IN THE 10 TH GRADE	IN THE 11 TH GRADE	IN THE 12 TH GRADE
Take the advanced level classes	Take chemistry	Take chemistry Dual Credit	Take an upper-level science and one more challenging math course
Take challenging elective courses	Begin foreign language courses	Take pre-calculus	Begin application process, noting deadlines carefully
Take Algebra I. If you took algebra I in the 8 th grade, start geometry now.	Take geometry and more algebra	Continue with a foreign language	Select the colleges to which you'll apply carefully, no more than six. Be honest as you fill out the application. Colleges want "real" kids
Begin volunteer work. Colleges look for concerned and active students.	Take the PSAT in fall	Take the PSAT in the fall and SAT and/or ACT in the spring	If you want to be in a dorm, apply as early as September; these fill up fast.
Go online and begin researching educational opportunities. Become aware of entrance requirements.	Start talking with your parents about college. Visit some to get an idea of size and atmosphere.	Talk about colleges with people you respect. Consider your teachers, friends, parents and counselor.	Remember why you applied to several colleges. There is no one perfect college for you. If you aren't accepted to your first choice, your second one may turn out to be even better for you.
Study hard in English; the writing skills you'll gain will be important in any career you choose.	Go to college fairs or college night. Visit all the colleges to which you plan to apply. If you can't visit, go online.	Begin taking college entrance exams.	Retake SAT and/or ACT in the fall, etc. Take AP, Subject or CLEP tests for college credit.
Read at least one unassigned book each month. Readers do better in high school and tend to get into better colleges.	No matter how talented you are in a sport, the band, or in an interest group, poor grades will still stand out.	Consider advanced placement/dual credit courses. Colleges will note that you can seek and handle challenging courses.	In January, apply for financial aid (FAFSA). Start completing scholarship applications immediately.
Get involved in activities in school. Colleges look for students with a variety of interests.	Keep reading.	Keep involved with your after school and extracurricular activities.	Pay attention to the promotional mailings from universities. They will help you decide on favorites.

** The state of Texas grants automatic admission to all students attending four-year public universities if they are in the top 10% of their graduating class. An application must still be filed at the university in order to receive automatic admissions. (UT Austin sets its percentage yearly)

CAREER PATHWAYS

A career pathway is simply a way of helping students plan for their future employment by carefully considering their course choices in high school. These pathways have combined several careers that require similar skills so a student does not have to make a single choice as to “what they want to be”. Instead, a group or cluster of various careers that would require the same basic courses in high school are being presented in this booklet so the student interested in a particular career cluster would know what courses to select in high school to better prepare them for any choice from that field and any post-secondary choices.

Every student is required to select a career pathway and fill out a 4-year plan. Choosing a career pathway is similar to selecting a college major. These plans can, and probably will change, so they will need to be updated yearly.

HALLETTSVILLE HIGH SCHOOL PLANS

As a high school student, you are now in preparation for your future career. The right choices now in your academic and technical courses will help you progress smoothly from high school to the **high skill, high paying** job opportunities of your future.

To help you focus on the necessary career preparation courses and to help us provide the business/industry experiences relevant to your career goals, you are asked to select the career area that you are most interested in pursuing at this time. Your choice now does not lock you into a program. You can change or modify your choice at anytime.

The following career paths have been set up by the State of Texas to help students better prepare for the world of work. On the following pages, more details will be given for eight of the career paths.

Agriculture, Food & Natural Resources
 Architecture & Construction
 Arts, A/V Technology & Communications
 Business, Management & Administration
 Education & Training
 Finance
 Government & Public Administration
 Health Science

Hospitality & Tourism
 Human Services
 Information Technology
 Law, Public Safety, Corrections & Security
 Manufacturing
 Marketing, Sales, & Service
 Science, Technology, Engineering & Mathematics
 Transportation, Distribution, & Logistics

Sample : CAREER PATHWAY

9 TH GRADE	10 TH GRADE	11 TH GRADE	12 TH GRADE
ENGLISH I	ENGLISH II	ENGLISH III	ENGLISH IV
W GEOGRAPHY	W HISTORY	US HISTORY	GOV/ECO/DC
ALG /GEOMETRY	GEOM/ALG2	ALG2/PRECAL	PRECAL/CALCULUS
BIOLOGY	IPC/CHEM	CHEM/PHYSICS	SCI
Athletics/PE/Band			
HEALTH/COM APPL	SPANISH 1	SPANISH 2	SPANISH 3
ART/THEATER	BIM	ELECTIVE	ELECTIVE
ELECTIVE	ELECTIVE	ELECTIVE	ELECTIVE

CAREER PATHWAY
FOR
ALLIED HEALTH CAREERS

9 TH GRADE	10 TH GRADE	11 TH GRADE	12 TH GRADE
ENGLISH I	ENGLISH II	ENGLISH III	ENGLISH IV
ALGEBRA I	GEOMETRY	ALGEBRA II	PRECAL
BIOLOGY	INT. PHY & CHEM	CHEMISTRY	SCIENCE
WORLD GEO	WORLD HISTORY	US HISTORY	GOV/ECONOMICS
PE	PE/ELECTIVE	FINE ART	F&CS COURSE
HEALTH/SPEECH	TECHNOLOGY	SPANISH II	ELECTIVE
PFD	SPANISH I	ELECTIVE	ELECTIVE
FINE ART	ELECTIVE	ELECTIVE	ELECTIVE

CAREER POSSIBILITIES:

Medical Secretary	EMT	Dietitian	Dentist	Doctor
Med Records	Nurse	Vet	Lab Tech	Pharmacist
Medical Asst	Surgeon	EKG Tech	Geneticist	Dental Hygienist
Microbiologist	Phy Therapy	Occ Therapy	Firefighter	Chiropractor
Radiologic Tech	Lab Tech	Optometrist	Resp Therapy	Psychologist

CAREER PATHWAY
FOR
BUSINESS/OFFICE CAREERS

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ENGLISH I	ENGLISH II	ENGLISH III	ENGLISH IV
ALGEBRA I	GEOMETRY	ALGEBRA II	PRECAL
BIOPLOGY	INT. PHY & CHEM	CHEMISTRY	SCIENCE
WORLD GEO.	WORLD HISTORY	U.S. HISTORY	GOV/ECONOMICS
PE	PE/ELECTIVE	ELECTIVE	FINE ART
HEALTH/SPEECH	BCIS I	BCIS II	ELECTIVE
ELECTIVE	SPANISH I	SPANISH II	ELECTIVE
FINE ART	ELECTIVE	ELECTIVE	TECHNOLOGY

CAREER POSSIBILITIES:

- | | | |
|-------------------|-----------------------|---------------------|
| Lawyer | Business Clerk | Court Reporter |
| Legal Secretary | Business Manager | Office Assistant |
| Administrator | Farm Manager | Personnel Manager |
| Market Researcher | Public Relations Rep. | Sales Person |
| Accountant | Bookkeeper | Bank Teller |
| Computer Operator | Economist | Computer Programmer |

CAREER PATHWAY
FOR
COMMUNICATIONS/MEDIA CAREERS

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ENGLISH I	ENGLISH II	ENGLISH III	ENGLISH IV
ALGEBRA I	GEOMETRY	ALGEBRA II	MATH
BIOLOGY	INT. PHY & CHEM	CHEMISTRY	SCIENCE
WORLD GEO.	WORLD HISTORY	U.S. HISTORY	GOV/ECONOMICS
PE	PE/ELECTIVE	ELECTIVE	ELECTIVE
HEALTH/SPEECH	TECHNOLOGY	ELECTIVE	ELECTIVE
ELECTIVE	SPANISH I	SPANISH II	SPANISH 3
FINE ART	ELECTIVE	ELECTIVE	ELECTIVE

CAREER POSSIBILITIES:

Air Traffic Controller	Museum Personnel	Laborer Supervisor
Mail Carrier	Politician	School Superintendent
Public Relations Rep.	Librarian	Real Estate Agent
Radio & TV Announcer	Newspaper Reporter	Legislator
Editor	Police Officer	Columnist
Disc Jockey	Telephone Operator	Receptionist
Clergy	Funeral Director	Dispatcher
Travel Agent	Teacher	Counselor

CAREER PATHWAY
FOR
CONSTRUCTION/CRAFT CAREERS

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ENGLISH I	ENGLISH II	ENGLISH III	ENGLISH IV
ALGEBRA I	GEOMETRY	ALGEBRA II	MATH
BIOLOGY	INT. PHY & CHEM	CHEMISTRY	SCIENCE
WORLD GEO.	WORLD HISTORY	U.S. HISTORY	GOV/ECONOMICS
PE	PE/ELECTIVE	SPANISH II	ELECTIVE
HEALTH/SPEECH	IN AG MECH/MTL FAB	AG. MECHANICS I	TECHNOLOGY
AG 101/AG 102	SPANISH I	“ “	AG ELECTIVE
ELECTIVE	FINE ART	TECHNOLOGY	ELECTIVE

CAREER POSSIBILITIES:

Stone Mason	Plumber	Plasterer
House Painter	Dry Waller	Electrician
Road Construction	Boat Construction	Floor Covering Installer
Roofer	Paper Hanger	Carpenter
Pipefitter	Plumber	Security System Installer
Sheet Metal Worker	Tile setter	Maintenance Mechanic

CAREER PATHWAY
FOR
CONSUMERISM/HOSPITALITY CAREERS

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ENGLISH I	ENGLISH II	ENGLISH III	ENGLISH IV
ALGEBRA I	GEOMETRY	ALGEBRA II	MATH
BIOLOGY	INT. PHY & CHEM	CHEMISTRY	SCIENCE
WORLD GEO.	WORLD HISTORY	U.S. HISTORY	GOV/ECONOMICS
PE	PE/ELECTIVE	ELECTIVE	F&CS COURSE
HEALTH/SPEECH	ELECTIVE	TECHNOLOGY	FOOD SCI/CHILD DEV
PFD	SPANISH I	SPANISH II	SPANISH III
FINE ART	ELECTIVE	ELECTIVE	ELECTIVE

CAREER POSSIBILITIES:

- | | | |
|-----------------------|-------------------------|----------------------|
| Leasing Agent | Product Promoter | Sales Engineer |
| Purchasing Agent | Advertising Sales Agent | Sales Route Driver |
| Stock Clerk | Hotel Personnel | Caterer |
| Buyer | Cashier | Insurance Appraiser |
| Insurance Sales Agent | Food Services | Waiter/Waitress |
| Travel Agent | Hostess | Flight Attendant |
| Salesperson | Social Director | Marketing Supervisor |

CAREER PATHWAY
FOR
ELECTRONICS CAREERS

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ENGLISH I	ENGLISH II	ENGLISH III	ENGLISH IV
ALGEBRA I	GEOMETRY	ALGEBRA II	MATH
BIOLOGY	INT. PHY & CHEM	CHEMISTRY	SCIENCE
WORLD GEO.	WORLD HISTORY	U.S. HISTORY	GOV/ECONOMICS
PE	PE/ELECTIVE	ELECTIVE	SCIENCE
HEALTH/SPEECH	TECHNOLOGY	BCIS II	ELECTIVE
ELECTIVE	SPANISH I	SPANISH II	ELECTIVE
FINE ART	ELECTIVE	ELECTIVE	ELECTIVE

CAREER POSSIBILITIES:

Geologist
Geneticist
Mathematical Scientist
Meteorologist
Actuaries
Computer Programmer

Statistician
Chemist
Entomologist
Microbiologist
Geophysicist

Professor
Biological Scientist
Astronomer
Computer Systems Analyst
Physicist

CAREER PATHWAY
FOR
FINE ARTS/HUMANITIES CAREERS

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ENGLISH I	ENGLISH II	ENGLISH III	ENGLISH IV
ALGEBRA I	GEOMETRY	ALGEBRA II	MATH
BIOLOGY	INT. PHY & CHEM	CHEMISTRY	SCIENCE
WORLD GEO.	WORLD HISTORY	U.S. HISTORY	GOV/ECONOMICS
PE	PE/ELECTIVE	F&CS COURSE	F&CS COURSE
HEALTH/SPEECH	TECHNOLOGY	SPANISH II	ELECTIVE
ELECTIVE	SPANISH I	FINE ART	FINE ART
FINE ART	FINE ART	ELECTIVE	ELECTIVE

CAREER POSSIBILITIES:

Sculptor	Choreographer	Designer
Composer	Photographer	Writer
Actor/Actress	Architect	Landscape Architect
Interior Designer	Musician	Jeweler
Comedian	Cartoonist	Graphic Designer
Poet	Screen Writer	Police Artist
Floral Designer	Medical Illustrator	Director

CAREER PATHWAY
FOR
HOSPITALITY/RECREATION CAREERS

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ENGLISH I	ENGLISH II	ENGLISH III	ENGLISH IV
ALGEBRA I	GEOMETRY	ALGEBRA II	MATH
BIOLOGY	INT. PHY & CHEM	CHEMISTRY	SCIENCE
WORLD GEO.	WORLD HISTORY	U.S. HISTORY	GOV/ECONOMICS
PE	PE/ELECTIVE	ELECTIVE	ELECTIVE
HEALTH/SPEECH	TECHNOLOGY	SPANISH I	SPANISH II
PFD	NFS/ PREP PARENT	F&CS COURSE	F&CS COURSE
FINE ART	ELECTIVE	ELECTIVE	ELECTIVE

CAREER POSSIBILITIES:

Counter/Rental Clerk	Dining Room Attendant	Host/Hostess
Fast-Food Worker	Flight Attendant	Porter
Weight Reduction Specialist	Private Household Worker	Recreation Specialist
Public Relations Specialist	Travel Agent	Guest Service Associate

CAREER PATHWAY
FOR
MANUFACTURING/ENVIRONMENTAL CAREERS

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
ENGLISH I	ENGLISH II	ENGLISH III	ENGLISH IV
ALGEBRA I	GEOMETRY	ALGEBRA II	MATH
BIOLOGY	INT. PHY & CHEM	CHEMISTRY	SCIENCE
WORLD GEO.	WORLD HISTORY	U.S. HISTORY	GOV/ECONOMICS
PE	PE/ELECTIVE	FINE ART	AG. COURSE
HEALTH/SPEECH	TECHNOLOGY	AG. COURSE	ELECTIVE
AG. COURSE	AG. COURSE	SPANISH I	SPANISH II
FINE ART	ELECTIVE	ELECTIVE	ELECTIVE

CAREER POSSIBILITIES:

Heavy Equipment Operator	Welder	A/C Repairperson
Refinery Worker	Geologist	Chemist
Systems Analyst	Industrial inspector	Aircraft Mechanic
Pipefitter	Ironworker	Diesel Mechanic
Laser Optics Technician	Machinists	Electric Power Plant Operator
All Engineers to include:		
Civil	Environmental	Nuclear
Structural	Chemical	Metallurgical
Industrial	Mechanical	Mining
Petroleum	Electrical	Aerospace

**CLASS OF 2022
Hallettsville High School**

	FOUNDATION PLAN	DISTINGUISHED ACHIEVEMENT PROGRAM DIPLOMA
		Must complete Foundation Plan plus endorsement
	Course Credits	
	English 4	A 4 th math (Algebra II must be one of the 4 required)
	Math (Alg I, Geom, Adv Math) 3	A 4 th science
	Science (Bio, IPC, Adv Science) 3	4 credits in one endorsement
	Social Studies 3	
		Endorsements at HHS:
	P.E. 1	STEM—Pre cal, Calculus, Physics
		Business—Ag, Auto Tech, Welding
	Foreign Language 2	Public Services—Food service, Education, Health Sciences
	Fine Art 1	Arts—Art, Theater, Band
	Communication App./Health (local) 1	Multidisciplinary—4 years of the 4 core courses, required electives, additional electives to total 26+ credits
	Technology (local credit) 1	
	Electives * * 3	
	TOTAL CREDITS 22 (minimum)	TOTAL CREDITS 26 (minimum)

*To be eligible for the Top 10% admission to public universities, a student must complete the Distinguished Plan.

Name: Sample Student

Endorsement:

Foundation Coursework 4 English (English 1-3 & 1 Adv) 3 Math (Alg 1, Geo, & 1 Adv) 3 Science (Bio, IPC or Adv, & 1 Adv) 3 SS (US H, Ec/Govt, & W G or W H) 2 LOTE 1 FA 1 PE 5 Electives (22 credits)	Endorsement Coursework 4 English (English 1-3 & 1 Adv) 4 Math (Alg 1, Geo, & 2 Adv) 4 Science (Bio, IPC or Adv, & 2 Adv) 3 SS (US H, Ec/Govt, & W G or W H) 2 LOTE 1 FA 1 PE 7 Electives (26 credits)	Distinguished Coursework * <i>Endorsement/s</i> * <i>4 Science</i> * <i>Algebra 2</i> <u>Industry Recognized Credential or Certification</u>	STAAR EOC Assessments English 1 <input type="text"/> English 2 <input type="text"/> Algebra 1 <input type="text"/> Biology <input type="text"/> US History <input type="text"/> GPA <input type="text"/> Rank <input type="text"/>	Personal Assessment Interest: <input type="text"/> Ability: <input type="text"/> Work Ethic: <input type="text"/>	

Graduation Plan

Diagnostic

	9th Grade		credit	10th Grade		credit	11th Grade		credit	12th Grade		credit
English	English I			English II			English III			English IV		
Math	Algebra I			Geometry			Algebra II			Precalculus		
Science	Integrated Physics & Chem			Biology			Chemistry			Anatomy & Physiology		
Social Studies	World Geography Studies			World History Studies			US Hist Since Reconstruction			US Government		
Foreign Language				Spanish I			Spanish II					
Fine Arts												
Physical Education												
Electives												
Electives												
Electives												
Electives												
Credits from JrH												

Dyslexia
 LEP
 Migrant
 G/T
 Special Education
 Other: _____
 Other: _____
 Retained:

 College Rea

 Eng 3
 Alg 2
 PSAT
 PLAN

<i>total credits</i>		0		0		0	0

SAT
ACT
TSI

Intensive Program Of Study

Monitoring Process

The importance of a High School graduation plan that includes one or more endorsement distinguished level of achievement and the importance of Post Secondary Education, a admission and eligibility for financial aid have been explained to me.

Acceleration/Remediation:

Activity	Year

- Course Grades
- Benchmark Scores
- Assessment Scores
- Teacher Input
- Parent Input
- Attendance
- Other:

Student Signature

Parent signature

Counselor Signature

Hallettsville High School Four-Year Plan

Career/Endorsement: _____

Student Name: _____ Example Student _____ Year Entered High School: _____ Expected Graduation Year: _____

Year 1	Year 2	Year 3	Year 4	Other (Jr. High, CBE, Etc.)
Eng. 1	Eng. 2	Eng.3	Eng.4	
W. Geography	W. History	US History	Gov/Eco	
Alg. 1/Geometry	Geometry/Math Models	Math Models/Alg 2	Alg. 2/Pre Cal	
Biology/Honors Bio	IPC/Chemistry	Chemistry/Physics	Sci.	
Athletics/PE/Band	Athletics/PE/Band	Athletics/Band	Athletics/Band	
Health/ Speech				
Art 1/Theater	Spanish 1	Spanish 2		
	WEB			
Credits	Credits	Credits	Credits	Credits - 26

Foundation High School Plan:
(must complete for 10 % rule):

- 4 credits –English 1,2,3 and an adv. English Course
- 3 credits – Math Alg 1, Geometry, adv. Math course
- 3 credits – IPC, Biology, adv. Science course
- 3 credits – W History or W Geography (or combined both) ,
US History, US Govt/Economics
- 1 credit - Physical Education
- 2 credits – Language other than English
- 1 credit - Fine Art
- 5 credits - Electives

Distinguished Achievement

- 4 credits – Math (including Alg 2)
- 4 credits - Science
- One endorsement

Performance Acknowledgement:

- Outstanding Performance in:
- Dual credit course
- Bilingualism +bilitracy
- AP or IB exam
- PLAN, PSAT, ACT, SAT
- Earning a certification or license

Endorsements

Public Service

9th Principles of Human Services
10th Child Development
11th or 12th Anatomy & Physiology
11th Principles of Education & Instruction
12th Instructional Practices

OR

9th or 10th Principles of Health Science
10th or 11th Medical Terminology
10th or 11th Child Development
11th or 12th Anatomy & Physiology
11th or 12th CNA training

STEM Math

9th Algebra I
10th Geometry & Algebra II
11th Pre Cal
12th Calculus

OR

STEM Science

Four maths plus
9th Biology
10th Chemistry
11th Physics
12th Adv Science
Another Adv Science sometime after 10th

Business & Industry

9th Principles of Ag
10th any Ag elective
11th any Ag elective
12th any Ag elective

OR

9th Beginning Welding
10th Adv Welding
11th Precision Metal
112th Adv Precision Metal

OR

9th Small Engines
10th Adv Small Engines
11th Auto Tech
12th Adv Auto Tech

OR

9th Principles of Ag
10th Small Animal/Equine Science
11th Vet Medical Applications
12 Vet Tech Practicum

Multidisciplinary (also called 4X4)

Four courses in each of the core areas of English, Math, Science, Social Studies

Arts & Humanities

9th Art I or Theater I or Band I
10th Art II or Theater II or Band II
11th Art III or Theater III or Band III
12th Art IV or Theater IV or Band IV

OR

Two years of two of these fine arts

NOTES

