



WOODSBORO HIGH SCHOOL

2024-2025
COURSE
GUIDE

SAMUEL CASTANEDA, M.ED, PRINCIPAL

MANDA LESAK, M.ED, ADMINISTRATOR OF
STUDENT SERVICES

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FOREWORD

Intended for the use of parents and students, the following pages represent the school administration's continuing efforts to provide pertinent information about Woodsboro High School (WHS) and, specifically, a description of the courses offered. The booklet has been assembled by utilizing Texas Education Agency publications as they apply to the local district and by listing the courses that Woodsboro High School generally makes available to students. It should be noted, however, that not all of the courses offered are scheduled every year.

We hope that this publication will be helpful to students as they enter high school and continue their post-secondary education. Students are urged to study this booklet along with the WHS 4 Year Planning Guide and Student Handbook as they plan their graduation programs. All information contained in this publication is a campus interpretation of the State Board of Education adopted amendments to the graduation requirements. This planning guide serves as a planning tool, and the district reserves the right to revise, clarify, and/or redact the contents here within. If the SBOE and the Texas Education Agency amends the requirements, parents will be notified on the Woodsboro ISD (WISD) website at www.wisd.net.

NON-DISCRIMINATION STATEMENT

Woodsboro ISD offers career and technical education programs in programs of study. Admission to these programs is based on admission standards.

It is the policy of Woodsboro ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

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

For information about your rights or grievance procedures, contact the Title IX Coordinator (Samuel Castaneda) or the 504 Coordinator (Manda Lesak) at 361-543-4518.

GRADUATION REQUIREMENTS

FOUNDATION + ENDORSEMENT GRADUATION PLAN

Students who follow this plan will receive the recognition of Distinguished Level of Achievement.

Course Categories	Foundation Credits	Endorsement Credits	STAAR End of Course Exam
English Language Arts	4		English I English II
Math	3	+1	Algebra I
Science	3	+1	Biology
Social Studies	3		US History
Language Other Than English	2		
Fine Arts	1		
Physical Education	1		
Electives	5	+2	
Total	22	26	

ENDORSEMENTS AVAILABLE AT WISD

Students may choose to complete multiple endorsements offered by WISD. Course completion requirements are explained in applicable sections of this Course Guide.

Endorsement	Pathway/Course Progression
Multidisciplinary	4 credits in 4 core subjects
Business & Industry	Plant Science Agricultural Technology & Mechanical Systems Graphic Design & Interactive Media Carpentry
Science, Technology, Engineering, and Mathematics (STEM)	5 Science Credits (not to include IPC) 5 Math Credits
Arts & Humanities	Band I, II, III, & IV Art I, II, III, & IV
Public Service	Healthcare Diagnostics & Therapeutic Services Teaching & Training

PERFORMANCE ACKNOWLEDGEMENTS

A WISD student may earn Performance Acknowledgments on a student's transcript for outstanding performance in the following:

Category	Requirement
Dual Credit Performance	A student must successfully complete 12 or more hours of college academic courses with a GPA of a 3.0 or higher on a scale of 4.0
College Preparation Assessment	A student must earn: <ul style="list-style-type: none">- PSAT/NMSQT Commended Scholar or higher recognition- SAT score of 1350 or higher- ACT composite score of 29 or higher (excluding the writing subscore)
Earning a state-recognized or nationally or internationally recognized business or industry certification or license	A student must complete the requirements and pass the appropriate exam and be awarded the certification or license

STATE ASSESSMENT REQUIREMENTS – STAAR

STAAR end-of-course exams are state mandated tests given during the final weeks of a high school course. In addition to meeting graduation course requirements, students are required to pass five end-of-course exams to earn a diploma from a Texas public high school. Those five exams are given when a student takes English I and II, Biology, Algebra I and U.S. History courses. Any student who has not passed an EOC exam will retake the exam on the next opportunity scheduled by the state.

GENERAL ACADEMIC INFORMATION

CREDITS & GRADE POINT AVERAGE (GPA)

DETERMINING CREDITS

FOR A ONE SEMESTER COURSE

Credit may be earned by:

- Completing the course and obtaining a grade of 70 or above
- If a grade of less than 70 is earned, the class must be repeated if the credit is desired

FOR A YEAR-LONG COURSE

Credit may be earned by:

- Completing both semesters with a combined average of 70 or better
- The student's grades from both semesters will be averaged and credit will be awarded if the average is 70 or above. Should the student's average be less than 70, the student will be awarded credit for the semester that earned a 70 or higher and will need to repeat the failed semester if the credit is desired.

REPEATING A CLASS

The grade received the first time the class was taken must remain on the transcript and remain as a part of the student's grade point average. The grade received the second time the class was taken must also be a part of the transcript as a local credit and will not be included in the grade point average.

ATTENDANCE

Credit may be lost due to excessive absences. To receive credit in a class, a student must attend at least 90% of the days the class is offered. See the principal for information on makeup hours and attendance recovery plans if needed.

CLASSIFICATION BY CREDITS

Classification	Credits
Freshman	0-6
Sophomore	7-11
Junior	12-17
Senior	18+

See Early Graduation section for information on graduating early.

GRADES & RANKING SYSTEM

Grades are reported on the numerical 100-point scale.

A	90-100
B	80-89
C	70-79
F	0-69

WEIGHTED GRADES

The District shall categorize courses as *advanced*, *honors*, and *regular* in accordance with Board Policy EIC(LOCAL) and assign weights to semester grades earned in eligible courses. The District shall calculate a weighted numerical grade average in accordance with the following:

Class Category	Weight (grade will be multiplied by...)
Advanced	1.2
Honors	1.1
Regular	1.0

Course Classification & Weighting:

Advanced	Honors	Regular
All Dual Credit Courses	English I Honors English 2 Honors English 3 Honors Anatomy & Physiology Pre-Calculus Texas Performance Standards Project	All Courses Not Listed

GPA

Grade Point Average (GPA) is determined by averaging all state-credit final averages per semester. Certain courses including, but not limited to, physical education, athletics, band, local credits, credit by examination with or without prior instruction, summer school, assigned remediation or tutoring courses, and dual credit courses taken anywhere other than the district high school, will not be utilized in the calculation of class rank or GPA. See Board Policy EIC(LOCAL) Exclusions for a complete listing.

VALEDICTORIAN & SALUTATORIAN

Honors for Valedictorian & Salutatorian are awarded using the weighted GPA of all eligible grades earned during the student's high school career through the first progress report of the 4th nine weeks. Graduates must meet the following criteria to be awarded Valedictorian & Salutatorian honors:

- Have been initially and continuously enrolled in Woodsboro High School for the four semesters immediately preceding graduation; and
- Have completed the foundation program with the distinguished level of achievement.

Of the graduates that meet these criteria, the graduate who has the highest cumulative weighted GPA shall be designated as the Valedictorian and the graduate with the second highest cumulative weighted GPA shall be designated as the Salutatorian. The Valedictorian will be awarded the Highest-Ranking Graduate Tuition Waiver.

TOP 10% RULE

The students' final weighted cumulative GPA, including all eligible grades earned during the student's high school career, will be used to determine the "Top 10%" for college admissions. Students graduating in the top 10% of their class will automatically be admitted to *most* Texas public college or universities if all application requirements are met. The University of Texas at Austin has different guidelines. Please consult their admissions officer.

NON-TRADITIONAL CREDIT

WISD offers a number of state approved options for earning credit outside the classroom. Scores earned through these credits *will not be calculated in the GPA*. Below is a brief description of each of these options and the corresponding requirements for completion. For more details, please contact the Counselor in the Counselor Office.

CREDIT BY EXAMINATION WITH PRIOR INSTRUCTION

Students who have had "prior formal instruction" in a course and failed the course may gain credit for the course by scoring at least 70% on a test covering the appropriate essential knowledge and skills. Credit by Exam cannot be used to gain eligibility in extracurricular activities. There is a fee charged for this Credit by Exam. (EHDB Local)

CREDIT BY EXAMINATION WITHOUT PRIOR INSTRUCTION

State Board rules, any student may be granted the opportunity to take an examination to earn credit for a course he or she has not yet taken in school. The WISD policy rules mandate that the student must make at least 80% on such a test to receive credit for the course. The school district chooses the test and establishes test dates. There is not a fee for this Credit by Exam. (EHDC Legal)

CORRESPONDENCE COURSE CREDIT

A student may earn credit through correspondence courses. The University of Texas and Texas Tech University offer state-approved correspondence courses. The student is responsible for associated tuition, fees, textbooks, and any other materials or charges for the courses. After the student completes the correspondence assignments, s/he must score at least a 70% on the final exam over the material covered in the course. Students are responsible for securing a proctor for exams through Coastal Bend College.

COMPUTER-BASED CREDIT RECOVERY

Students may recover credit lost by failing a course or being denied credit due to excessive absences using a computer-based instruction program. Approval for computer-based recovery is contingent on the Principal's approval based on a review of the circumstances of the denied credit, availability and priority, and instruction time scheduled outside the student's academic day.

TXVSN

According to Texas Education Code 26.0031, students have an option to enroll in an electronic course offered through the state virtual school network under Chapter 30A. Certain restrictions apply. See a campus administrator for more information.

REGISTRATION AND SCHEDULE CHANGES

Students and parents are responsible for selecting a graduation plan and choosing appropriate courses to satisfy the requirements of that plan. Consideration is given to individual students' plans regarding career, college, and personal goals. With this in mind, students' course selections should be consistent with their four-year plans / personal graduation plans / coherent sequence of courses (pathways), which will best prepare them for their goals in life. Review of course selections and personalized graduation plans with students and parents are available through the Administrator of Student Services.

It is important that students realize the courses they select have a direct impact on the master schedule and teacher availability. The master schedule, though never perfect, is designed to maximize student opportunities. Therefore, student choices may not be adjusted beyond June 1st.

Once the school year begins, no schedule changes will be made except for the following reasons:

- a student fails to satisfy prerequisites
- a scheduling conflict exists
- the school has made an error
- a student has successfully completed correspondence courses, and/or credit by exam
- other compelling educational circumstances.

Changes in schedules may also be made for classes that do not have a high enough enrollment to offer the course or when there are irresolvable conflicts in the schedule. An administrator may revise schedules based upon requirements related to EOC testing.

SPECIAL PROGRAMS

GIFTED & TALENTED EDUCATION

Students identified as Gifted and Talented will be required to complete a Texas Performance Standards Project (TPSP).

SPECIAL EDUCATION

This program is available for students with disabilities through the Admission, Review, and Dismissal (ARD) process.

SECTION 504

Options are available to accommodate students with disabilities, which must affect one of life's major activities as determined by a 504 committee.

DYSLEXIA PROGRAM

Services offered to students through the Dyslexia Program are available for those qualifying for reading instruction under the Dyslexia Program guidelines.

COLLEGE, CAREER, & MILITARY READINESS TESTING

TSI – TEXAS SUCCESS INITIATIVE

Students attending Texas public institutions of higher education must satisfy the Texas Success Initiative (TSI), as of Fall 2003 (Texas Education Code 51.3062), in order to enroll in public institutions of higher education. The law requires all entering college students to be assessed for college readiness in reading, mathematics, and writing unless the student qualifies for an exemption. Each student who fails to meet the minimum passing standards of the exam offered by the institution must be placed in a developmental, or remedial, education-program designed to help the student achieve college readiness.

MEETING THE TEXAS SUCCESS INITIATIVE

A student may meet the Texas Success Initiative standards by meeting one of the following standards:

ACT	ACT taken prior to February 15, 2023- Composite score of 23 (min 19 English, 19 Math) ACT taken after February 15, 2023- combined score of 40 on the English and Reading test and a score of 22 on the math (There is no composite score)
SAT	Evidence Based Reading and Writing (EBRW) score of 480 Math score of 530
TSIA-2	Math Score of 950 or a score of <950 with a diagnostic level of 6 Reading/Writing score \geq 945 and score of \geq 5 on the essay OR score < 945 with a \geq 5 on the diagnostic and \geq on the essay

WISD would like every WHS Senior who graduates to have met these standards prior to graduation no matter what their post-high school plans may be as students who meet these standards are proven to be more successful across all post-high school endeavors. Many students take these tests more than one time. Some tests require fees. Students meeting financial criteria may receive a fee waiver for those tests. Students enrolled in the TRIO or Upward Bound TRIO programs will be eligible for ACT waivers and may also test TSIA without fees.

PSAT – PRELIMINARY SCHOLASTIC APTITUDE TEST

The PSAT is a three-hour practice examination for the SAT. It is offered in October of each school year on WHS campus. Freshmen, Sophomores, and Juniors are eligible to take the test. Only Juniors will be eligible to qualify for the National Merit Scholarship Program.

The advantages of taking this test are:

- It gives the student a “predicted” SAT score.
- The PSAT puts Juniors in consideration for the National Merit Scholarship Competition.
- The students receive a score report that contains their test results and answers to the questions they answered incorrectly. Students also receive their original test booklet, which allows them to review their test and get ready to take the SAT.

SAT- SCHOLASTIC APTITUDE TEST

The SAT is a test of verbal and mathematical reasoning abilities with an optional writing component. WHS may offer the SAT through the SAT School Day program once in the Fall and once in the Spring depending on staff availability. The SAT is also offered on Saturday mornings at designated “national test sites” throughout the fall and spring. The closest testing center is located at Coastal Bend College in Beeville. Visit www.collegeboard.org to view and register for specific testing dates and practice for the exam with their test preparation materials. The SAT requires a test fee to be paid to the testing site. Fee waivers are available for students who qualify for the free or reduced lunch program. See the Administrator of Student Services for more information.

ACT – AMERICAN COLLEGE TEST

The ACT is an examination similar to an achievement test in English, mathematics usage, reading, and natural science reasoning abilities and includes an optional writing component. The ACT may be offered at WHS once in the Fall semester and once in the Spring Semester depending on staff availability. It is also offered on Saturday mornings at designated “national test sites” throughout the year. The closest testing center is located at Coastal Bend College in Beeville. Visit www.act.org to view and register for specific testing dates and practice for the exam with their test preparation materials. The ACT requires a test fee to be paid to the testing site. Fee waivers are available for students who qualify for the free or reduced lunch program. See the Administrator of Student Services for more information.

TSIA2- TEXAS SUCCESS INITIATIVE ASSESSMENT 2

Students must take the TSIA-2 tests prior to enrollment in a core curriculum college level course unless their STAAR, ACT, or SAT scores are high enough to exempt them from taking the TSIA-2 exam. Students will have multiple opportunities a year to take the TSIA 2 on campus through the TRIO program. The TSIA-2 exam can also be taken at Coastal Bend College and test fees will be paid to the college.

ASVAB- ARMED SERVICE VOCATIONAL APTITUDE BATTERY

The ASVAB is a career assessment offered to our sophomores, juniors, and seniors. It also serves as the military entrance exam. Participants are invited to participate in a career seminar to interpret their results and learn more about the careers they are best suited for. Participants will have access to a computer program that maps out multiple options to attain the education needed for various career paths. The ASVAB will be offered at WHS once in the Fall semester. Additional testing can be scheduled through our Military Recruiters.

INDUSTRY BASED CERTIFICATIONS

Students will have the opportunity to test for various Industry Based Certifications with the recommendation of the instructor upon completion or enrollment of required courses.

DUAL CREDIT THROUGH COASTAL BEND COLLEGE

Woodsboro High School has partnered with Coastal Bend College to offer Dual Credit through virtual and in-person instruction. Students must apply to Coastal Bend College using the Apply Texas application at www.applytexas.com, submit transcripts and proof of meeting TSI through the TSIA, TSIA-2, ACT, or SAT (see College, Career, & Military Readiness Testing section above). The campus will register students for classes.


Students must follow college deadlines for dropping courses and will be accountable for lost tuition, fees, and the impact to their transcripts. The grade given by the college will become part of the student's college transcript. A low or failing grade can cause the student to be placed on Academic Probation with their current college and/or the college they enroll in upon high school graduation, which may affect your eligibility for financial aid.

COSTS

Students will be required to pay for Dual Credit courses and all associated costs such as books, software, and fees that may be required. Students will be required to pay a registration of \$48 each semester, a \$53 internet fee for EACH class, tuition of \$114 for EACH class, and varying inclusive access fees. Inclusive Access fees are available for some classes and cover the cost of the student's books and equipment. Reported tuition and fees are current as of Spring 2023, but may change. Students must pay their balance at Coastal Bend College or enter into a payment plan with the college before the first day of school. Failure to do so will result in the student being dropped from the college course and transferred to an equivalent course offered at Woodsboro High School.

COURSE OFFERINGS & PREREQUISITES

College Course Code	CBC Dual Credit Course	College Hours Earned	High School Course Equivalent	Prerequisites
HIST 1301	American History I	3	US History – 1 st Semester	-Met TSI in reading & writing -B or higher in English II,
HIST 1302	American History I	3	US History – 2 nd Semester	-passing score on English I & II STAAR EOC exams
GOVT 2305	Federal Government: Federal Constitution and Topics	3	Government	-Met TSI in reading & writing -B or higher in US History & English III
ECON 2301	Principles of Macroeconomics	3	Economics	-passing score on US History, English I & II STAAR EOC exams
ENGL 1301	Composition I	3	English IV – 1 st Semester	-Met TSI in reading & writing -B or higher in English III
ENGL 1302	Composition II	3	English IV- 2 nd Semester	-passing score on English I & II STAAR EOC exams
MATH 1314	College Algebra	3	Independent Study of Mathematics	-Met TSI in mathematics -B or higher in Algebra II -passing score on Algebra I
MATH 1442	Elementary Statistical Methods	4	Statistics	STAAR EOC exam



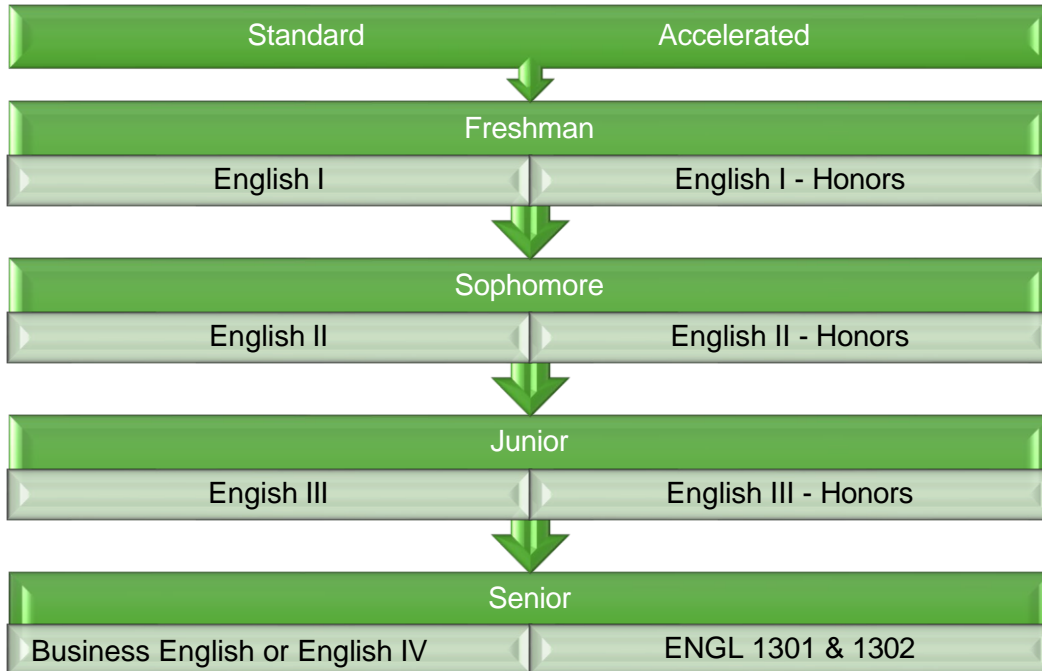
**COURSE
DESCRIPTIONS**

ACADEMIC CORE

Students may move between the Standard and Accelerated course sequences. Special criteria must be met for students to be enrolled in Accelerated courses. See the course description for more details.

ENGLISH

RECOMMENDED ENGLISH SEQUENCE



ENGLISH COURSE DESCRIPTIONS

ENGLISH I

ENG 1

PEIMS#03220100

Credit: 1

Prerequisite: none

Note: English I STAAR End of Course Exam will be given in the Spring semester of this course.

In English I, students will: (1) Read and understand a wide variety of literary and informational texts using cross-cultural literature (2) Compose a variety of written texts with a clear controlling idea, coherent organization, and sufficient detail (3) Locate a range of relevant sources and evaluate, synthesize, and present ideas and information (4) Listen and respond to the ideas of others while contributing their own ideas in conversations and in groups (5) Use the oral and written conventions of the English language in speaking and writing. Students will study literature, informational texts, grammar, and research. Reading units focus on reading comprehension, literary elements, and applying those skills in writing. Grammar skills focus on standard usage, capitalization, and punctuation. Students will develop research skills.

ENGLISH, I HONORS

ENG 1H

PEIMS#03220100

Credit: 1

Prerequisite: B or higher in 8th grade ELA/R and meets or exceeds on 8th grade Reading STAAR.

Note: English I STAAR End of Course Exam will be given in the Spring semester of this course. GPA is weighted as an Honors course at 1.1.

English I Honors is designed for students showing an advanced aptitude in English who are self-directed and reflective learners. This course goes beyond the regular course in both content and depth and includes a more advanced research paper incorporating skills requiring more mature word choices, a study of major themes in literature, comparative evaluations of authors, genres of literature, critical reading skills, and formatting in MLA.

ENGLISH II

ENG 2

PEIMS#03220200

Credit: 1

Prerequisite: English I

Note: English II STAAR End of Course Exam will be given in the Spring semester of this course.

Students will develop skills of literary analysis through the examination of literary techniques and elements. Students will develop their composition skills through the study of usage, mechanics, and documentation.

ENGLISH II HONORS

ENG 2H

PEIMS#03220200

Credit: 1

Prerequisite: B or higher in English I Honors and meets or exceeds on English I STAAR EOC.

Note: English II STAAR End of Course Exam will be given in the Spring semester of this course. GPA is weighted as an Honors course at 1.1.

English II Honors is a highly challenging, intensive study of literature, analysis, and writing. Students will be expected to read continually, write extensively, and share analytical ideas in class discussions and small groups. Students must develop the ability to work on more than one project or activity at a time, including but not limited to full length, developed essays, dialectal (response) journals, vocabulary study, projects, presentations, and above all, reading and written analysis.

ENGLISH III

ENG 3

PEIMS#03220300

Credit: 1

Prerequisite: English II

In English III builds on the skills addressed in English II. Students will study a variety of genres in American literature (informational texts, short stories, poetry, drama, and novels) and relate them to historical and social contexts. Students will improve their writing and critical-thinking skills through the study of persuasion, analysis, and research.

ENGLISH III HONORS

ENG 3H

PEIMS#3220300

Credit: 1

Prerequisite: B or higher in English II Honors and meets or exceeds on English II STAAR EOC. GPA is weighted as an Honors course at 1.1.

This English course is designed to prepare students whom are college bound. It will include the essential elements for English III, and advanced skills for college readiness.

ENGLISH IV

ENG 4

PEIMS#03220400

Credit: 1

Prerequisite: English III

English IV includes the skills addressed in English III. Students will read, discuss, and analyze a variety of a variety of British and world literary genres and relate the literature to historical and social contexts. The composition process (prewriting, mapping/outlining, drafting, revising, and peer editing) will be emphasized to prepare students for college-level writing.

BUSINESS ENGLISH

BUSENGL

PEIMS#13011600

Credit: 1

Prerequisite: English III

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 an English credit requirement for students on the Foundation High School Prog

ENGL 1301 - COMPOSTION I

ENG4OR

PEIMS#03220400

Credit: 1

Prerequisite: B or higher in English III, passing score on English I & II STAAR EOC exams, must have met the TSI standard in Reading & Writing & any additional prerequisites mandated by Coastal Bend College.

Note: This is a Dual Credit Course through Coastal Bend College. GPA is weighted as an Advanced course at 1.2.

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasizes effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

ENGL 1302 - COMPOSTION II

ENG4OR

PEIMS#03220400

Credit: 1

Prerequisite: C or higher in ENGL 1302, must have met the TSI standard in Reading & Writing & any additional prerequisites mandated by Coastal Bend College.

Note: This is a Dual Credit Course through Coastal Bend College. GPA is weighted as an Advanced course at 1.2.

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods, critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources, and critical thinking about evidence and conclusions.

ENGLISH ELECTIVES

ENGLISH COLLEGE READINESS

CPELA

PEIMS#CP110100

Credit: 1

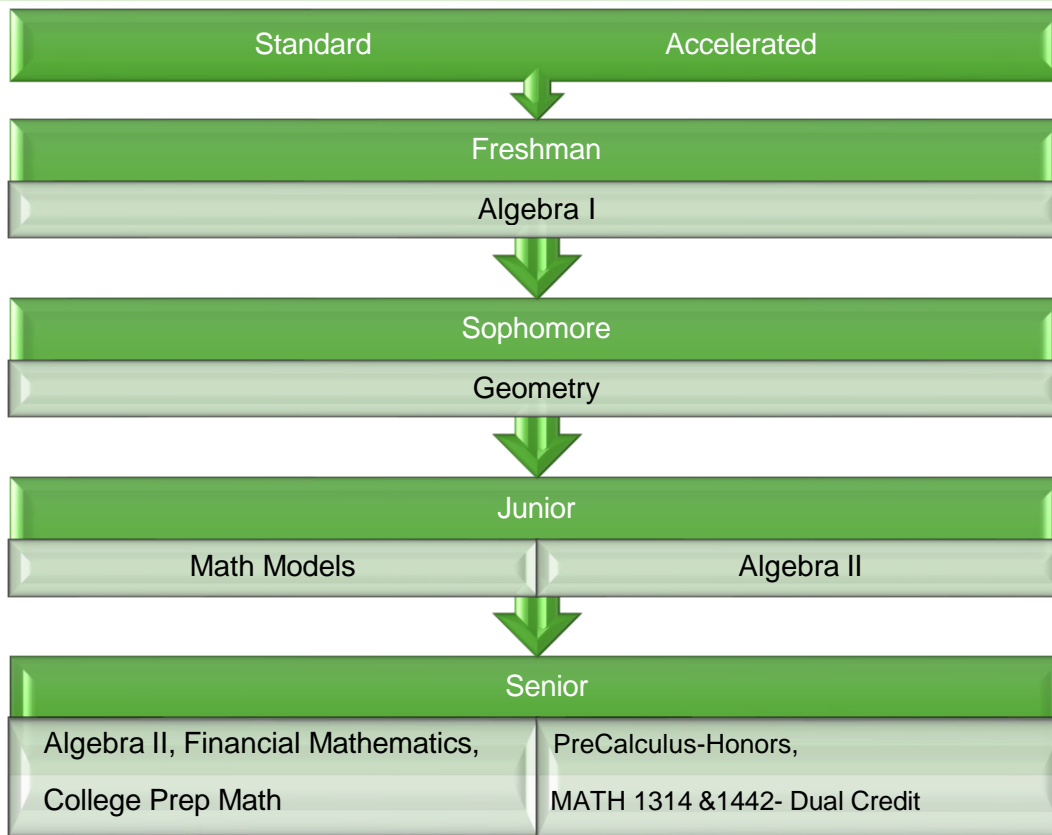
Prerequisite: CCMR Recommendation

This course is designed to prepare students for college level courses. As such, students will learn to apply critical reading strategies for organizing, summarizing, analyzing, and evaluating college-level readings. Students will also learn to write effective, logical essays, utilizing textual support to develop reading comprehension strategies, and to analyze, synthesize, and make value judgements using critical thinking. Credit recovery options are not permitted for this course.

MATHEMATICS

An Endorsement in Science, Technology, Engineering, and Mathematics (STEM) will be awarded to students that earn 5 credits in the Math Program of Study including: Algebra I, Geometry, Algebra II, Precalculus, MATH 1314 & MATH 1442.

RECOMMENDED MATHEMATICS SEQUENCE



MATHEMATICS COURSE DESCRIPTIONS

ALGEBRA I

ALG 1

PEIMS#03100500

Credit: 1

Prerequisite: Grade 8 Math or its equivalent.

Note: Algebra I STAAR End of Course Exam will be given in the Spring semester of this course.

Algebra I is designed to develop preciseness of language and skills in algebraic manipulations, to develop reasoning, and to show uses and applications of algebra in problem solving.

GEOMETRY

GEOM

PEIMS#03100700

Credit: 1

Prerequisite: Algebra I

This course will enable students to develop a logical pattern of thinking with the use of geometric figures such as triangles, parallelograms, circles, prisms, cones, and spheres. A good understanding of arithmetic and algebra are essential to the mastery of the concepts presented. Logic and proof are also important components of this course.

MATHEMATICAL MODELS WITH APPLICATIONS

MTHMOD

PEIMS#03102400

Credit: 1

Prerequisite: Algebra I

In this course, students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Students use mathematical models from algebra, geometry, probability, statistics, and connections among these to solve problems from a wide variety of advanced applications in mathematical and nonmathematical situations.

FINANCIAL MATHEMATICS

FINMATH

PEIMS#13018000

Credit: 1

Prerequisite: Algebra I

Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors.

ALGEBRA II

ALG 2

PEIMS#03100600

Credit: 1

Prerequisite: Algebra I

Students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverse, and associated equations and solutions in mathematical and real-world situations.

PRE-CALCULUS HONORS

PRE CAL

PEIMS#03101100

Credit: 1

Prerequisite: Algebra I, Algebra II and Geometry.

Note: GPA is weighted as an Honors course at 1.1.

In preparation for a college-level Calculus course students in pre-calculus will study relations, functions, and their graphs. Functions will include polynomials, rational and radical functions, exponential, and logarithmic functions, as well as the circular and triangular trig function. Other topics include complex numbers and polar coordinates, vectors, parametric, second- degree relations, sequences, series, and limits.

MATH 1314 - COLLEGE ALGEBRA

CALGDC

PEIMS#03330100

Credit: .5

Prerequisite: B or higher in Algebra 2, must have met the TSI standard in Mathematics & any additional prerequisites mandated by Coastal Bend College.

Note: This is a Dual Credit Course through Coastal Bend College. GPA is weighted as an Advanced course at 1.2.

This course is designed to prepare students for further study of college mathematics. Content of this course includes in-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices.

MATH 1442 – ELEMENTARY STATISTICAL METHODS

STATDC

PEIMS#03330100

Credit: .5

Prerequisite: B or higher in Algebra 2, must have met the TSI standard in Mathematics & any additional prerequisites mandated by Coastal Bend College.

Note: This is a Dual Credit Course through Coastal Bend College. GPA is weighted as an Advanced course at 1.2.

Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended.

MATH COLLEGE READINESS

CPMAT

PEIMS#CP111200

Credit: 1

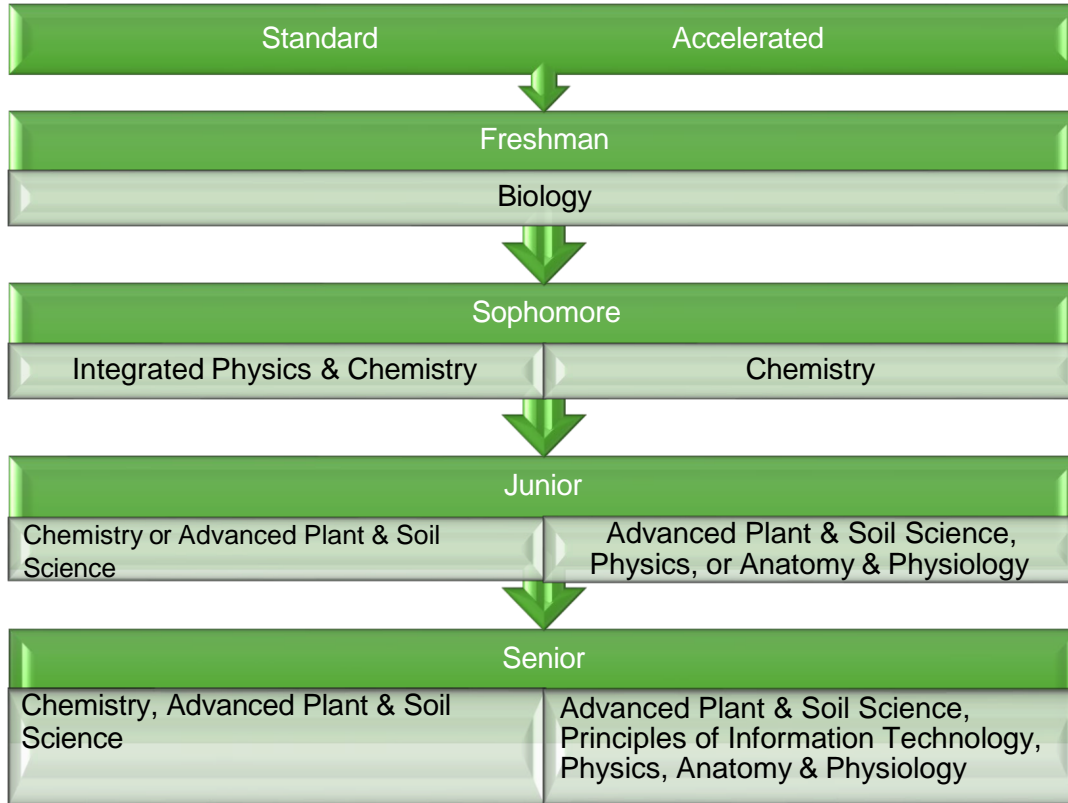
Prerequisite: CCMR Recommendation

This course will emphasize a wide variety of basic mathematical skills considered important for the college bound student. A premium is placed on allowing students to practice and perfect areas of algebra, Geometry, and numerical fluency. Credit recovery options are not permitted for this course.

SCIENCE

An Endorsement in Science, Technology, Engineering, and Mathematics (STEM) will be awarded to students that earn 5 credits in the Science Program of Study including: Biology, Chemistry, Physics, Advanced Plant & Soil Science, and Anatomy & Physiology-Honors.

RECOMMENDED SCIENCE SEQUENCE



SCIENCE COURSE DESCRIPTIONS

BIOLOGY

Prerequisite: none

BIO

PEIMS#03010200

Credit: 1

Note: Biology STAAR End of Course Exam will be given in the Spring semester of this course.

This course consists of the study of cells, plants, and animals, ending with a study of mammals and man. The anatomy, physiology, taxonomy, natural history and representatives of the plant and animal kingdoms are studied in detail.

INTEGRATED PHYSICS AND CHEMISTRY

Prerequisite: none

IPC

PEIMS#03030201

Credit: 1

This is a laboratory-oriented course in the physical sciences, which provides the student with an understanding of basic chemistry and basic physics. This course is designed to prepare the student for upper level science courses.

CHEMISTRY

CHEM

PEIMS#03040000

Credit: 1

Prerequisite: Biology & Algebra I

Chemistry provides instruction that allows students to conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students study a variety of topics that include: characteristics of matter; energy transformations during physical and chemical changes; atomic structure; periodic table of elements; behavior of gases; bonding; nuclear fusion and nuclear fission; oxidation-reduction reactions; chemical equations; solutes; properties of solutions; acids and bases; and chemical reactions. Students will investigate how chemistry is an integral part of our daily lives.

ADVANCED PLANT & SOIL SCIENCE

ADVPSSCI

PEIMS#13002100

Credit: 1

Recommended Prerequisites: Biology, IPC, Chemistry, or Physics and one credit from the Agriculture, Food, and Natural Resources Career Cluster

Note: This course satisfies a science requirement for graduation.

Advanced Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. To prepare for careers in plant and soil science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to plant and soil science and the workplace.

ANATOMY AND PHYSIOLOGY HONORS

ANATPHYS

PEIMS#13020600

Credit: 1

Prerequisite: Met Standard on Biology STAAR and 2nd Science Credit. GPA is weighted as an Honors course at 1.1.

Note: This course is required for students pursuing a EKG/Phlebotomy Certification.

Anatomy and Physiology of Human Systems is a laboratory-oriented course in which students investigate the structures and functions of the components of the human body. The course presents an investigation of the specialization of cells, how cells function cooperatively as tissue and organs, and the interrelationships of systems that result in a living organism. The course offers students opportunities to investigate anatomical structures and regulating mechanisms that influence how systems function. The course is designed to build a knowledge base for those students who wish to pursue a medically related career.

PHYSICS

PHYSICS

PEIMS#03050000

Credit: 1

Prerequisite: Algebra I

This is an advanced, experimental, and mathematical study of natural phenomena such as heat, light, motion, energy, and force. Development of the student's logical thought process and reasoning, along with the study of advanced problem-solving techniques and systematic investigative procedures, involving extensive lab write-ups will be covered in this course.

PRINCIPLES OF INFORMATION TECHNOLOGY

PRINTECH

PEIMS#13037100

Credit: 1

Prerequisite: Algebra I

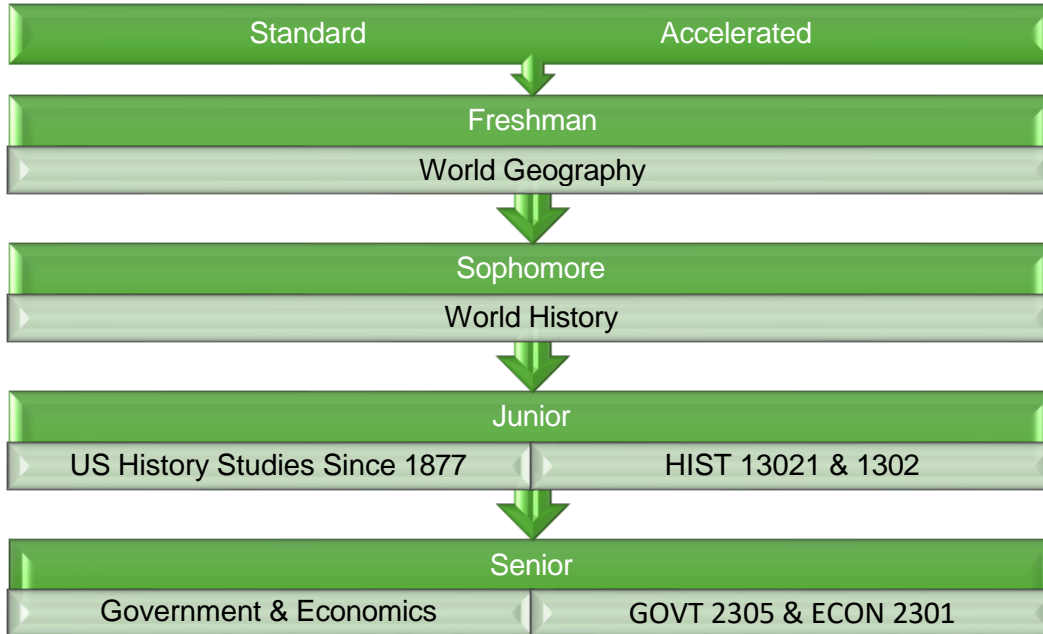
In Principles of Technology, students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of space, time, energy, and matter. Students 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 using safe practices.

Note: This course satisfies a science credit requirement for students on the Foundation High School Program.

SOCIAL STUDIES

An Endorsement in Arts & Humanities will be awarded to students that earns 5 credits in Social Studies to include: World Geography, World History, US History (or HIST 1301 & 1302), Government (or GOVT 2305), Economics (or ECON 2301), Personal Financial Literacy, and Professional Communications.

RECOMMENDED SUBJECT SEQUENCE



SOCIAL STUDIES COURSE DESCRIPTIONS

WORLD GEOGRAPHY STUDIES

W GEO

PEIMS#03320100

Credit: 1

Prerequisite: none

World Geography students will examine people, places, and environments from the local level to international levels. Students will describe the influence of geography on past and present events with emphasis on contemporary issues. A significant portion of the class will center on the physical processes that shape the earth. The remainder of the class will focus on the interrelationship between humans and the environment.

WORLD HISTORY STUDIES

W HIST

PEIMS#03340400

Credit: 1

Prerequisite: none

World History is a survey course that examines the heritage of the past. This knowledge should also help the student better understand the changing world in which she/he lives.

UNITED STATES HISTORY STUDIES SINCE 1877

US HIST

PEIMS#03340100

Credit: 1

Prerequisite: none

Note: United State History STAAR End of Course Exam will be given in the Spring semester of this course.

US History is a study of the United States in its political, social, and economic life from 1876 to the present.

HIST 1301 – UNITED STATES HISTORY I

GOVT

PEIMS#03330100

Credit: .5

Prerequisite: B or higher in World History Studies and English II, passing score on English I & II STAAR EOC exams, must have met the TSI standard in Reading & Writing & any additional prerequisites mandated by Coastal Bend College. Note: This is a Dual Credit Course through Coastal Bend College. United State History STAAR End of Course Exam will be given in the Spring semester of this course. GPA is weighted as an Advanced course at 1.2.

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.

HIST 1302 – UNITED STATES HISTORY II

GOVT

PEIMS#03330100

Credit: .5

Prerequisite: C or higher in HIST 1301, must have met the TSI standard in Reading & Writing & any additional prerequisites mandated by Coastal Bend College.

Note: This is a Dual Credit Course through Coastal Bend College. United State History STAAR End of Course Exam will be given in the Spring semester of this course. GPA is weighted as an Advanced course at 1.2.

A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

UNITED STATES GOVERNMENT

GOVT

PEIMS#03330100

Credit: .5

Prerequisite: none

American Government is a study of the structure and function of local, state and national government in the United States. Emphasis is placed on civic responsibility.

ECONOMICS WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM & ITS BENEFITS

ECO-FE

PEIMS#03310300

Credit: .5

Prerequisite: none

Economics is a study in the American free enterprise system, government in the American economic system, the American economic system, international economic relations, and consumer economics.

GOVT 2305 – FEDERAL GOVERNMENT (FEDERAL CONSTITUTION & TOPICS)

GOVTDC

PEIMS#03330100

Credit: .5

Prerequisite: B or higher in US History Studies and English III, passing score on US History, English I & II STAAR EOC exams, must have met the TSI standard in Reading & Writing & any additional prerequisites mandated by Coastal Bend College

Note: This is a Dual Credit Course through Coastal Bend College. GPA is weighted as an Advanced course at 1.2.

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

ECON 2301 – PRINCIPLES OF MACROECONOMICS

ECONDC

PEIMS#03310300

Credit: .5

Prerequisite: B or higher in US History Studies and English III, passing score on US History, English I & II STAAR EOC exams, must have met the TSI standard in Reading & Writing & any additional prerequisites mandated by Coastal Bend College

Note: This is a Dual Credit Course through Coastal Bend College. GPA is weighted as an Advanced course at 1.2.

An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy

SOCIAL STUDIES ELECTIVES

PERSONAL FINANCIAL LITERACY

PFL

PEIMS#03380082

Credit: .5

Prerequisite: none

Note: This course is recommended to be taken as a Junior or Senior and must be taken in conjunction with Professional Communications.

Personal Financial Literacy is designed to be an interactive and research-based course. The course was designed by Dave Ramsey to will teach students to apply critical thinking and problem-solving skills to analyze decisions involving earning and spending, saving and investing, credit and borrowing, insuring and protecting, and college and post-secondary education and training. There are many references to conducting cost-benefit analysis for spending and investing decisions. Students evaluate then necessity of the purchase, the quality or value of the purchase or investment compared to other alternatives, and the total cost of acquisition, particularly in the context of financing options. Students also understand the power of both compound growth of investments and compound interest on debt and how these concepts affect the ability to build wealth over time.

PROFESSIONAL COMMUNICATIONS

PROFCOMM

PEIMS#13009900

Credit: .5

Prerequisite: none

Note: This course is recommended to be taken as a Junior or Senior and must be taken in conjunction with Personal Financial Literacy.

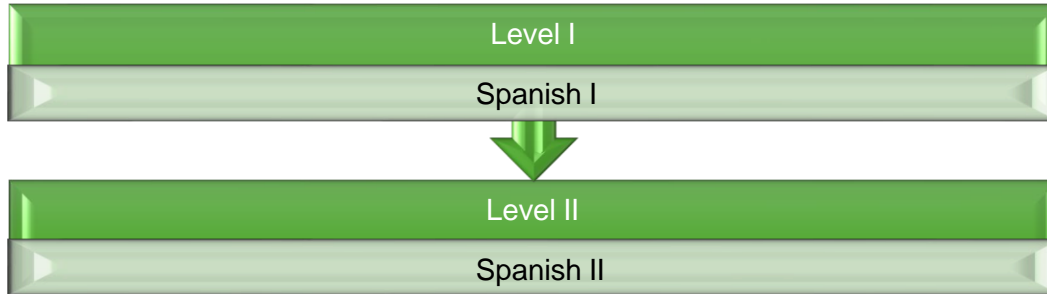
Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct internet research.

ELECTIVES

LANGUAGE OTHER THAN ENGLISH (LOTE)

An Endorsement in Arts & Humanities will be awarded to students that complete 4 credits in the Languages Other Than English Program of Study to include: Spanish I & II

RECOMMENDED LOTE SEQUENCE



LOTE COURSE DESCRIPTIONS

SPANISH I

SPAN 1

PEIMS#03440100

Credit: 1

Prerequisite: none

In the Level I classes, emphasis is placed on listening, speaking, reading, and writing skills. Grammar, culture, and language learning skills are also taught. Students will complete a PowerPoint project for Dia de los Muertos and create a tribute to a loved one that has passed on. Students will also help with the Cinco de Mayo Festival to celebrate the beginning of Mexico's independence from Spain.

SPANISH II

SPAN 2

PEIMS#03440200

Credit: 1

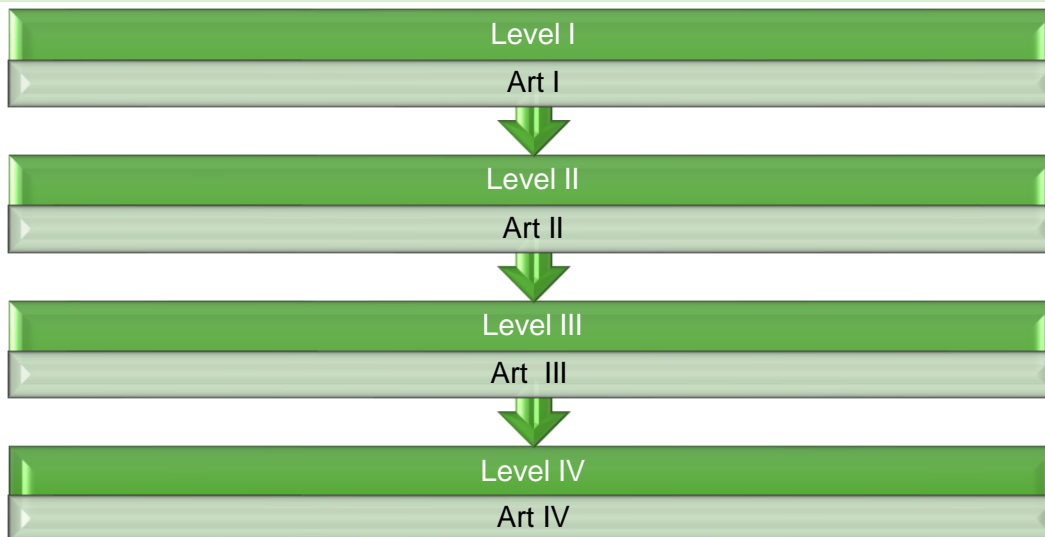
Prerequisite: Spanish I

By the end of Level II, students should have control of basic conversational patterns of the language with correct pronunciation and intonation, be able to read simple selections for comprehension, write short compositions and have a depended cultural knowledge. Students will complete a PowerPoint project for Dia de los Muertos and create a tribute to a loved one that has passed on. Students will also help with the Cinco de Mayo Festival to celebrate the beginning of Mexico's independence from Spain.

VISUAL ARTS

An Endorsement in Arts & Humanities will be awarded to students that earn a combination of 4 credits in the Visual or Performing Arts Programs of Study.

RECOMMENDED VISUAL ART SEQUENCE



VISUAL ARTS COURSE DESCRIPTION

ART I

ART 1

PEIMS#03500100

Credit: 1

Prerequisite: none

This is a fundamental art course using a variety of tools, techniques, and media using the elements and principles of art. Curriculum will include the following: drawing, painting, clay, sculpture, printmaking, and other media as well as studies in Art History. It will focus on the four basic strands--foundations: observation and perception; creative expression; historical and cultural relevance; and critical evaluation and response--provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire. Each strand is of equal value and may be presented in any order throughout the year. Students rely on personal observations and perceptions, which are developed through increasing visual literacy and sensitivity to surroundings, communities, memories, imaginings, and life experiences as sources for thinking about, planning, and creating original artworks. Students communicate their thoughts and ideas with innovation and creativity. Through art, students challenge their imaginations, foster critical thinking, collaborate with others, and build reflective skills. While exercising meaningful problem-solving skills, students develop the lifelong ability to make informed judgments.

ART II

ART2

PEIMS#03500200

Credit: 1

Prerequisite: Art I

This level is advanced art for those students whom like to draw/ paint and work in clay. If you struggled in Art I or didn't like Art I and the mess we made, this class is NOT for you. We will be doing advanced drawing subjects and learning to increase our drawing/shading skills. We will be working in a variety of medium on all different kinds of surfaces. We will also still explore more types of artwork and the artists who made them. Since this is an advanced class, you will be graded upon advanced art skills such as your knowledge and use of color, shading to create volume or dimension, perspective skills and higher level thinking with your compositions.

ART III

ART3

PEIMS#03500300

Credit: 1

Prerequisite: Art II

This is a further advanced art class designed for those serious students who really enjoy creating art and are skillful in doing so. We will continue to explore a variety of mediums and utilize different surfaces to create our art upon. Students will be given a topic or art problem and it will be up to the student to creatively find an artistic solution. These students must be self-motivating. Some outside of class work will be necessary. All art mediums will be explored and, 2-D and 3-D artwork will be created.

ART IV

ART4

PEIMS#03500400

Credit:

Prerequisite: Art III

This level art is only for those that are truly interested in art and in increasing their skill level. This level art is for the student whom is self-motivating, creative and gifted in art. Projects will be more involved, complicated, detailed and on a higher level of creativity. Students will continue to utilize a variety of mediums and surfaces, but should now know what tools they like to use best and begin more in exploring that particular medium more intently and purposefully.

PERFORMING ARTS

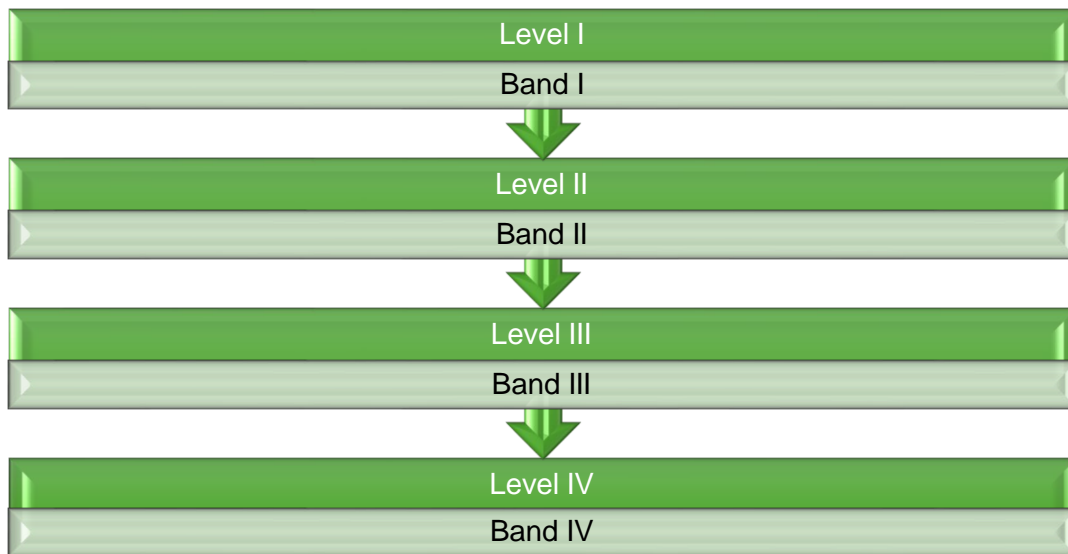
An Endorsement in Arts & Humanities will be awarded to students that earn a combination of 4 credits in the Visual or Performing Arts Programs of Study.

High School Band is for students with previous instrumental band instruction. Students are expected to participate in all activities of the band including marching band and concert band seasons. Students will be expected to participate in all curricular, co-curricular, and extra-curricular activities and rehearsals of the band, including those scheduled before school, after school, and on designated Saturdays. A student will receive one credit for band, provided the student is enrolled for the entire school year and successfully completes the required course work. Membership and placement in High School Band will be based on an individual musical audition.

University Interscholastic League (UIL) Notice:

Any student enrolled in WHS and wishing to participate in a sanctioned University Interscholastic League Instrumental contest must be enrolled for credit in the Woodsboro High School Band.

RECOMMENDED PERFORMING ARTS SEQUENCE



PERFORMING ARTS COURSE DESCRIPTIONS

BAND I, II, III, & IV

MUS1BAND	PEIMS#03150100	Credit: 1
MUS2BAND	PEIMS#03150200	Credit: 1
MUS3BAND	PEIMS#03150300	Credit: 1
MUS4BAND	PEIMS#03150400	Credit: 1

Prerequisite: Previous Band experience.

Note: Two semesters of Marching Band may satisfy the PE credit required for graduation.

Students will learn multiple aspects of music, including performance, reading, theory, rhythm, and history. Students will perform on individual instruments, focusing on ensemble skills and stylistic development, and working to develop the nuances of characteristic sounds individually and as a group. In music, students develop their intellect and refine their emotions, understanding the cultural and creative nature of musical artistry and making connections among music, the other arts, technology, and other aspects of social life. Through creative performance, students apply the expressive technical skills of music and critical thinking skills to evaluate multiple forms of problem solving. During fall semesters, students will participate in marching activities, concerts, and other performances, as well as have the opportunity to audition ATSSB region ensembles. During spring semesters, students will participate in concert and sight-reading competition, concerts, and other performance opportunities, as well as have the opportunity to participate in UIL solo, ensemble, and theory events.

PHYSICAL EDUCATION

Students who compete in any competitive sport must be enrolled in an Athletics class. Students must have a current physical on file in the Athletic Director's office before participating in a class. See the Athletic Handbook for an explanation of expectation, responsibilities, and athletic policies.

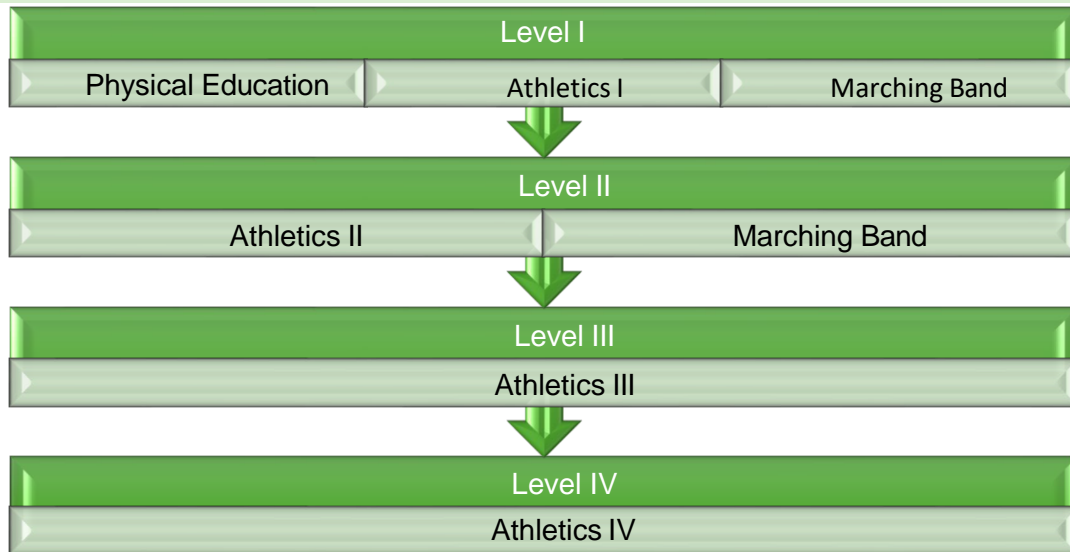
SPORTS FOR BOYS

Football, Basketball, Baseball, Cross-Country, Powerlifting, Track, Tennis, and Golf

SPORTS FOR GIRLS

Volleyball, Basketball, Softball, Cross-Country, Powerlifting, Track, Tennis, and Golf

RECOMMENDED PHYSICAL EDUCATION SEQUENCE



PHYSICAL EDUCATION COURSE DESCRIPTIONS

PE – LIFETIME FITNESS & WELLNESS PURSUITS

Prerequisite: none

PE00051

PEIMS#PES00051 Credit: 1

Foundations of Personal Fitness represent a new approach in physical education and the concept of personal fitness. The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness, or striving to reach optimal levels of health, is the corner stone of this course and is exemplified by one of the course objectives where students designing their own personal fitness program

BOYS OR GIRLS ATHLETICS I, II, III, & IV

SUBATH1	PEIMS#PES00000	Credit: 1
SUBATH2	PEIMS#PES00001	Credit: 1
SUBATH3	PEIMS#PES00002	Credit: 1
SUBATH4	PEIMS#PES00003	Credit: 1

Prerequisite: Enrollment in competitive Interscholastic League Sports and coach recommendation.

Woodsboro ISD Athletic Department offers a full range of UIL sponsored competitive athletic activities. These courses will include such things as rules of the game, proper sportsmanship, training in skill and techniques, physical conditioning, and competitive sports versus other UIL high schools. Sports include: football, volleyball, basketball, track & field, baseball, softball, tennis, golf, cross country and cross country.

MARCHING BAND - PE SUBSTITUTION

SUBMB	PEIMS#PES00012	Credit: .5
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Prerequisite: Students must be enrolled in Band for the entire year.

Note: Marching Band must be taken two consecutive years in a row as each Fall marching season counts as one half credit each towards the once required PE credit for graduation.

Marching Band is a performance-based class. Out-of-class rehearsals and performances are required. The Woodsboro High School Band is an ensemble that functions as a competitive marching band and competes at the district and state level, as well as at all varsity games, community events and concerts.

ADDITIONAL ELECTIVES

OFFICE ASSISTANT

AIDE

PEIMS#85000002

Credit: 1

Prerequisites: Principal approval required, must be classified as a Senior

Students in this course will be assigned to an office or a library as an aide. Students receive experience in general office administration. Additionally, students will serve as ambassadors to new students.

TEXAS PERFORMANCE STANDARDS PROJECT (TPSP)

TPSP1

PEIMS#85000XXX

Credit: 1

TPSP2

PEIMS#85000XXX

Credit: 1

TPSP3

PEIMS#85000XXX

Credit: 1

TPSP4

PEIMS#85000XXX

Credit: 1

Note: Students designated as Gifted & Talented will be required to complete one project each school year. GPA is weighted as an Honors course at 1.1.

Students who wish to complete a Texas Performance Standards Project will complete the project as an independent study with the support of a TPSP project mentor. The TPSP Independent Study course is available to students in grades 9-12, and course grades will receive additional weighting as an advanced course for consideration in student's GPA. For more information about the TPSP, contact your campus GT Coordinator or visit texaspsp.org.

Teaching and Training Statewide Program of Study



The Teaching and Training program of study prepares CTE learners for careers related to teaching, instruction, and creation of instructional and enrichment materials. The program of study introduces CTE learners to a wide variety of student groups and their corresponding needs. It familiarizes them with the processes for developing curriculum, coordinating educational content, and coaching groups and individuals.

High School Course Sequence

- Level 1-Grade 9** (1 Credit)
 - Principles of Education and Training
- Level 2-Grade 10** (1 Credit)
 - Communication and Technology in Education
- Level 3-Grade 11** (2 Credit block)
 - Instructional Practices
- Level 4-Grade 12** (2 Credit Block)
 - Practicum in Education and Training

*Course offerings and programs of study may change based upon staffing and student interest

Post-Secondary Opportunities

Associates Degrees

- Teacher Education
- Education, General (or specific subject area)
- Special Education
- Health and Physical Education/Fitness

Bachelor's Degrees

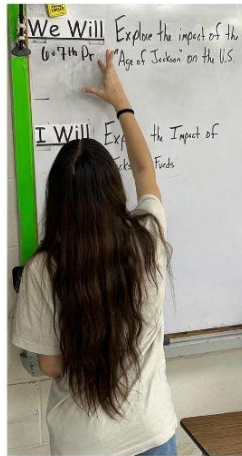
- Bilingual and Multilingual Education
- Education, General (or specific subject area)
- Special Education
- Health and Physical Education/Fitness

Master's, Doctoral, and Professional Degrees

- Instruction and Learning
- Educational Leadership and Administration, General
- Special Education
- Social and Philosophical Foundations of Education

Industry-Based Certifications

- Educational Aide I



Aligned Occupations

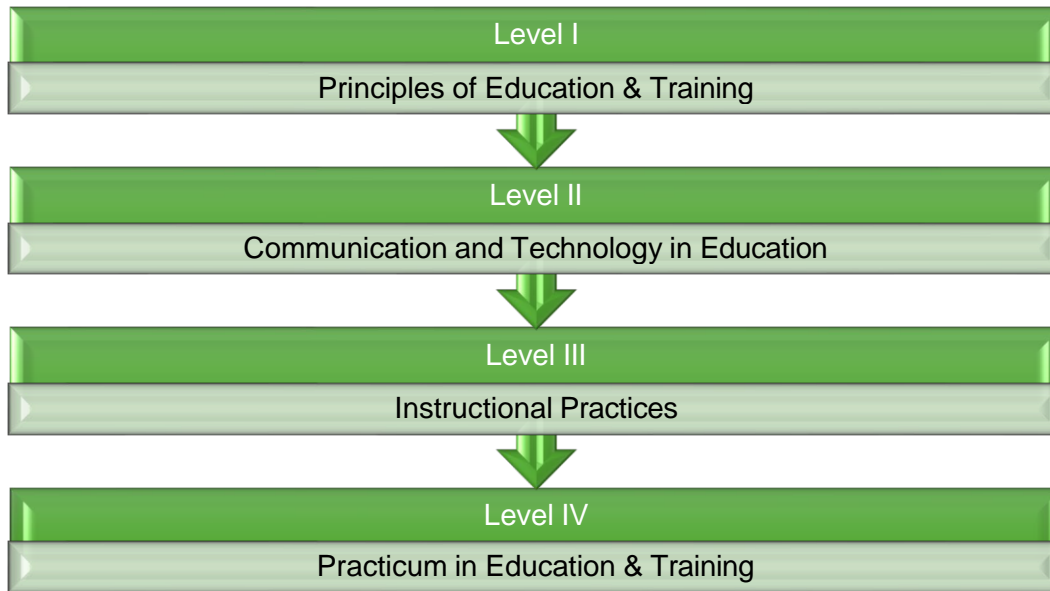
Occupations	Median Wage	Annual Openings	% Growth
Adult Basic and Secondary Education and Literacy Teachers and Instructors	\$48,069	862	17%
Middle School Teachers, Except Special and Career/Technical Education	\$54,510	6,407	15%
Career and Technical Education Teachers, Secondary School	\$56,360	719	9%
Special Education Teachers, Secondary School	\$56,720	980	18%

Successful completion of the Teaching and Training program of study will fulfill requirements of the Public Service endorsement. Revised – August 2022

An Endorsement in Public Service will be awarded to students that earn 4 credits in the Teaching and Training Program of Study.

The Teaching and Training program of study prepares CTE learners for careers related to teaching, Instruction, and creation of instructional and enrichment materials. The program of study introduces CTE learners to a wide variety of student groups and their corresponding needs. It familiarizes them with the processes for developing curriculum, coordinating educational content, and coaching groups and individuals.

RECOMMENDED TEACHING & TRAINING SEQUENCE



TEACHING AND TRAINING COURSE DESCRIPTIONS

PRINCIPLES OF EDUCATION AND TRAINING

PRINEDTR

PEIMS#13014200

Credit: 1

Prerequisite: none

Principles of Education and Training is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self- knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

COMMUNICATION AND TECHNOLOGY IN EDUCATION

CMTCHED

PEIMS#N1300510

Credit: 1

Prerequisite: none

Communication and Technology in Education is an extended course of study designed to provide students with the fundamentals of planning, managing and training services needed to provide learning support services in K-12 classrooms. Students will develop knowledge and skills regarding the professional, ethical, and legal responsibilities in teaching related to educational technology; as well as, understand laws and pedagogical justifications regarding classroom technology use. This course provides an opportunity for students to participate in training related to Google for Education, Microsoft Office Fundamentals, Common Sense Media and Digital Citizenship as they relate to standards set by the International Society for Technology in Education (ISTE).

INSTRUCTIONAL PRACTICES

INPRAC PEIMS#13014400

Credit: 2

Prerequisite: none

Note: This course is a double blocked course. Students will be interning at the Woodsboro Elementary School campus. 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 with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

PRACTICUM IN EDUCATION AND TRAINING

PRACEDT1

PEIMS#13014500

Credit: 2

Prerequisite: Instructional Practices.

Industry Based Certification: Educational Aide Level I

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

INDUSTRY BASED CERTIFICATIONS

Students who enroll in the Teaching and Training Program of Study will have the opportunity to earn the following Industry Based Certifications:

Certifying Entity	Certification
Texas Education Agency	Educational Aide I

EDUCATIONAL AIDE I

The Educational Aide I certification measures the following domains of competencies: planning, managing, and providing education and training services and related learning support services; exploring and understanding needed preparation for Education and Training careers; and participating in a field-based internship that provides background knowledge of child and adolescent development as well as principles of effective teaching and training practices. A student who competes the Educational Aide I certification could work in a variety of occupations within an educational setting. Some of the work activities could include: Tutoring and assisting children individually or in small groups to help them master assignments and to reinforce learning concepts; supervising students in classrooms, halls, cafeterias, school yards, and gymnasiums, or on field trips; teaching social skills to students; providing extra assistance to students with special needs; observing students' performance, and recording relevant data to assess progress and presenting subject matter to students under the direction and guidance of teachers, using lectures, discussions, or supervised role-playing methods.

Graphic Design & Interactive Media
Statewide Program of Study



The Graphic Design and Interactive Arts program of study explores the occupations and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. This program of study may also include exploration into designing clothing and accessories, and creating special effects, animation, or other visual images using film, video, computers, or other electronic tools and media, for use in computer games, movies, music videos, and commercials.

High School Course Sequence

Level 1-Grade 9 (1 Credit)

- Principles of Arts, A/V Technology, and Communications

Level 2-Grade 10 (1 Credit)

- Graphic Design and Illustration I

Level 3-Grade 11 (1 Credit)

- Graphic Design and Illustration II (1 Credit)

Level 4-Grade 12 (2 Credits)

- Practicum in Graphic Design and Illustration

*Course offerings and programs of study may change based upon staffing and student interest

Industry-Based Certifications

- Adobe Certified Professional in Visual Design Using Adobe Photoshop
- Adobe Certified Professional in Graphic Design and Illustration Using Adobe Illustrator



Post-Secondary Opportunities

Associates Degrees

- Animation, Interactive Technology, Video Graphics and Special Effects
- Graphic Design
- Game and Interactive Media Design

Bachelor's Degrees

- Animation, Interactive Technology, Video Graphics and Special Effects
- Graphic Design
- Game and Interactive Media Design

Master's, Doctoral, and Professional Degrees

- Animation, Interactive Technology, Video Graphics and Special Effects
- Graphic Design
- Intermedia/Multimedia



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Graphic Designers	\$44,824	1,433	15%
Multimedia Artists and Animators	\$67,392	186	21%

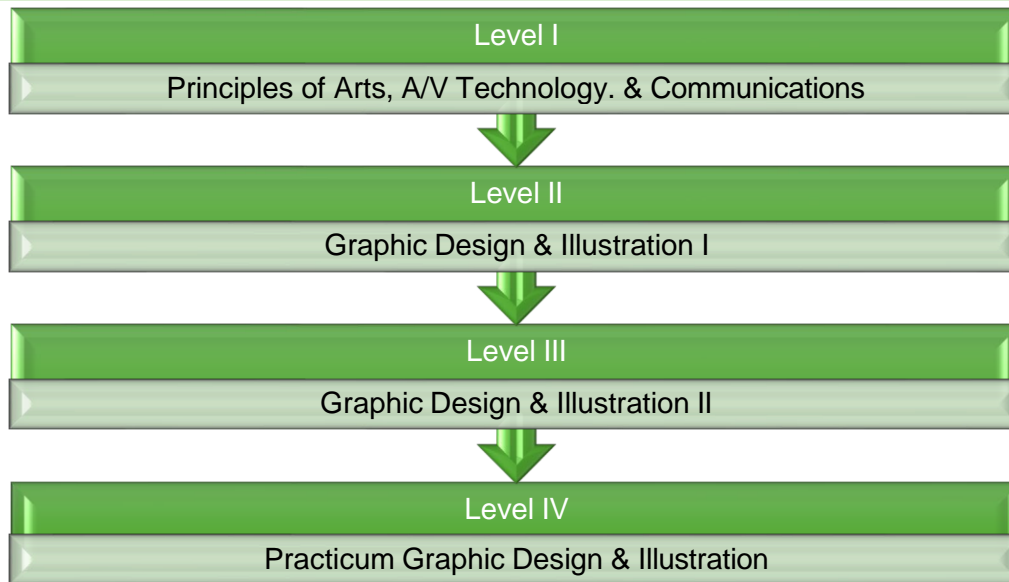
Successful completion of the Graphic Design & Multimedia Arts program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022



An Endorsement in Business & Industry will be awarded to students that complete any 4 credits in the Graphic Design & Interactive Media pathway.

The Graphic Design and Interactive Media program of study explores the occupations and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. This program of study includes exploration of creating visual images using film, video, computers or other electronic tools and media, for use in computer games, movies, music videos, and commercials.

RECOMMENDED DESIGN & MULTIMEDIA ARTS SEQUENCE



GRAPHIC DESIGN & INTERACTIVE MEDIA COURSE DESCRIPTIONS

PRINCIPLES OF ARTS, A/V TECHNOLOGY, & COMMUNICATIONS

PRINAAVTC

PEIMS#13008200

Credit: 1

Prerequisite: none

Careers in the Arts, Audio/Video Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities. Students will demonstrate knowledge and appropriate use of hardware components, software programs, and their connections. The student will use a variety of strategies to acquire information from electronic resources in a variety of formats, evaluate the required information, find solutions to problems, and use research skills and electronic communication to create new knowledge. Students will identify the basic principles of graphic design. Students will acquire an understanding of high-resolution images and be able to differentiate between a raster and a vector image. Additionally, students will explore

appropriate uses of typography (font), additive and subtractive color, and embark upon career exploration for the graphics industry.

GRAPHIC DESIGN & ILLUSTRATION I

GRAPHDI1

PEIMS#13008800

Credit: 1

Prerequisite: Digital Media

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

GRAPHIC DESIGN & ILLUSTRATION II

GRAPHDI2

PEIMS#13008900

Credit: 1

Prerequisite: Graphic Design & Illustration I

Industry Based Certification: Adobe Certified Professional in Graphic Design & Illustration Using Adobe Illustrator

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

PRACTICUM IN GRAPHIC DESIGN & ILLUSTRATION

PRACGRD1

PEIMS#13009000

Credit: 2

Prerequisite: Graphic Design & Illustration II and teacher approval

Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

INDUSTRY BASED CERTIFICATIONS

Students who enroll in the Design & Multimedia Arts program will have the opportunity to earn the following Industry Based Certification:

Certifying Entity	Certification
Adobe	Adobe Certified Professional in Graphic Design & Illustration Using Adobe Illustrator

ADOBE CERTIFIED PROFESSIONAL IN GRAPHIC DESIGN & ILLUSTRATION USING ADOBE ILLUSTRATOR

The Adobe Certified professional in Graphic Design & Illustration exam measures the following domains: working in the graphic design industry, project setup and interface, organizing projects, creating and modifying visual elements and publishing digital media.

Plant Science *Statewide Program of Study*



The Plant Science program of study focuses on the science, research, and business of plants and other living organisms. It teaches students how to apply biology and life science to real-world life processes of plants and vegetation, either in laboratories or in the field.

High School Course Sequence

- Level 1-Grade 8-9** (1 Credit)
 - Principles of Agriculture, Food, and Natural Resources
- Level 3-Grade 9-10** (1 Credit)
 - Floral Design/Lab
- Level 4-Grade 11-12**
 - Practicum in Agriculture, Food, and Natural Resources (2 Credits)
 - Advanced Plant and Soil Science (1 Credit)
 - This course also counts as a science credit
 - Advanced Floral Design (1 Credit)

*Course offerings and programs of study may change based upon staffing and student interest

Industry-Based Certifications

- Texas State Florist's Association Knowledge Based Floral Certification
- Texas State Florist's Association Level I Floral Certification



Post-Secondary Opportunities

Associates Degrees

- Applied Horticulture/ Horticulture Operations, General
- Ornamental Horticulture
- Agricultural Business and Management, General
- Turf and Turfgrass Management

Bachelor's Degrees

- Applied Horticulture/ Horticulture Operations, General
- Agronomy and Crop Science
- Agricultural Business and Management, General
- Turf and Turfgrass Management

Master's, Doctoral, and Professional Degrees

- Applied Horticulture/ Horticulture Operations, General
- Agronomy and Crop Science
- Agricultural Business and Management, General
- Farm/Farm and Ranch Management



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Soil and Plant Scientists	\$54,662	116	21%
Tree Trimmers and Pruners	\$32,240	589	14%
Pesticide Handlers, Sprayers, and Applicators	\$36,733	196	22%
Landscaping Supervisors	\$44,408	807	19%
Biological Technicians	\$42,931	452	17%

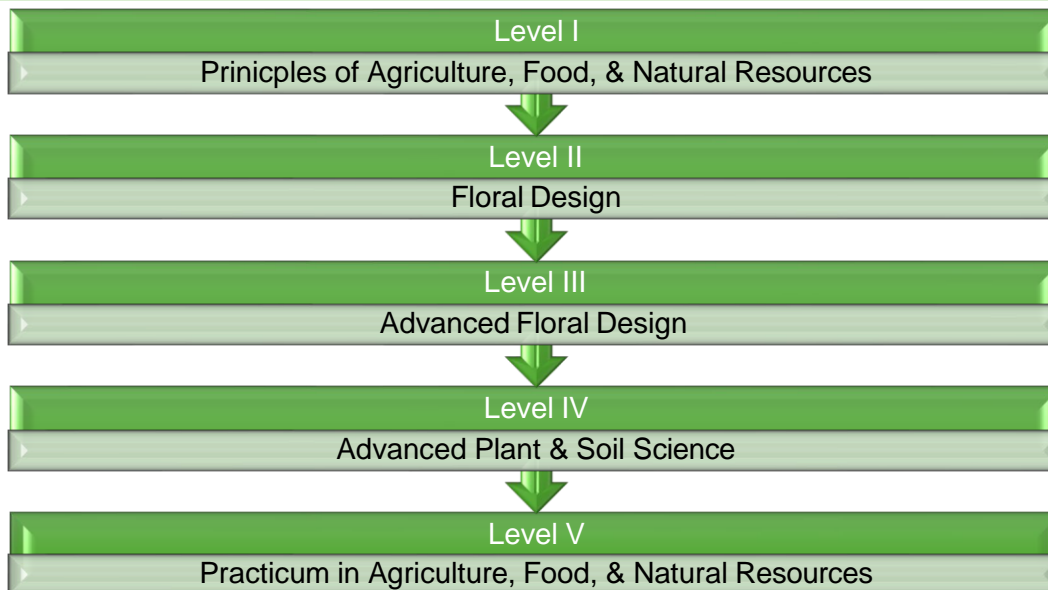
Successful completion of the Plant Science program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised – August 2022



An Endorsement in Business & Industry will be awarded to students that earn 4 credits in the Plant Science Program of Study.

The Plant Science program of study focuses on the science, research, and business of plants and other living organisms. It teaches students how to apply biology and life sciences to real-world life processes of plants and vegetation, either in laboratories or in the field. RECOMMENDED Plant Science sequence

RECOMMENDED PLANT SCIENCE SEQUENCE



PLANT SCIENCE COURSE DESCRIPTIONS

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES

PRINAFNR

PEIMS#13000200

Credit: 1

Prerequisite: none

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.

FLORAL DESIGN

FLORAL

PEIMS#13001800

Credit: 1

Prerequisite: none

Note: This course satisfies the Fine Art credit required for graduation.

Industry Based Certification: Texas State Floral Association Floral Skills Knowledge Based Certification

Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.

ADVANCED FLORAL DESIGN

ADVFLDS

PEIMS#N1300270

Credit: 1

Prerequisite: Floral Design

Industry Based Certification: Texas State Floral Association Level 1 Floral Certification

In this course, students build on the knowledge from the Floral Design course and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. This course focuses on building skills in advanced floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event. Through the analysis and evaluation of various occasion and event types, students explore the design needs and expectations of clients and propose and evaluate appropriate creations. From conception to evaluation, students are challenged to create and design appropriate specialty floral designs that meet the needs of the client. Furthermore, an emphasis on budgetary adherence and entrepreneurship equips students with many of the necessary skills needed for success in floral enterprises.

Advanced Plant & Soil Science

ADVANCED PLANT & SOIL SCIENCE

ADVPSSCI

PEIMS#13002100

Credit: 1

Prerequisite: none

Note: This course satisfies a science requirement for graduation.

Advanced Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science. To prepare for careers in plant and soil science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to plant and soil science and the workplace.

PRACTICUM IN AGRICULTURE, FOOD, & NATURAL RESOURCES

ADVPSSCI

PEIMS#13002100

Credit: 1

Prerequisite: Advanced Floral Design Note: Requires Instructor Approval.

The Practicum class will be an unpaid internship that allows students to get experience working in the floral industry.

INDUSTRY BASED CERTIFICATIONS

Students who enroll in the Plant Science Program of Study will have the opportunity to earn the following Industry Based Certifications:

Certifying Entity	Certification
Texas State Floral Association	Floral Skills Knowledge Based Certification
Texas State Floral Association	Level 1 Floral Certification

TEXAS STATE FLORAL ASSOCIATION FLORAL SKILLS KNOWLEDGE BASED CERTIFICATION

The Texas State Floral Association Level Once Floral Certification exam measures the following competencies such as industry-specific vocabulary, plant identification, and the scientific and common names of plants. At a later date, if a student would like to pursue the Texas State Floral association's Level 1 Floral certification, the Knowledge Based results will fulfill the exam requirement.

TEXAS STATE FLORAL ASSOCIATION LEVEL 1 FLORAL CERTIFICATION

The Texas State Floral Association Level One Floral Certification exam includes competencies such as understanding industry-specific vocabulary, plant identification, and common and specific names of plants. In addition to the written exam, testers will be asked to complete a nine carnation triangle hands on design and a rose boutonniere hands on design. The following principles and elements of floral design should be considered as a tester designs the hands-on projects for the certification: Balance, Mechanics, Proportion/Scale, Depth/Rhythm, Focal Point, Dominance, Skeleton, Foliage, Unity, Form, & Line.

Agricultural Technology & Mechanical Systems Statewide Program of Study



The Agricultural Technology and Mechanical Systems program of study explores the occupations and educational opportunities associated with applying knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing agricultural products. This program of study may also include exploration into diagnosing, repairing, or overhauling farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.

High School Course Sequence

Level 1- Grade 8-9 (1 Credit)

- Principles of Agriculture, Food, and Natural Resources

Level 2-Grade 9-10 (1 Credit)

- Agricultural Mechanics and Metal Technologies

Level 3- Grade 10-11 (2 Credit Block)

- Agricultural Structures Design and Fabrications/Lab
- Agricultural Power Systems

Level 4-Grade 11-12 (2 Credit Block)

- Agricultural Equipment Design and Fabrication/Lab
- Practicum in Agriculture, Food, and Natural Resources

*Course offerings and programs of study may change based upon staffing and student interest

Post Secondary Opportunities

Associates Degrees

- Heavy Equipment Maintenance Technology/ Technician
- Agricultural Mechanization, General
- Small Engine Mechanics and Repair Technology/ Technician
- Welding Technology/ Welder

Bachelor's Degrees

- Agricultural Engineering
- Agricultural Mechanization, General

Master's, Doctoral, and Professional Degrees

- Agricultural Engineering
- Agricultural Mechanization, General

Industry-Based Certifications



AWS D1.1
Structural Steel

AWS D9.1
Sheet Metal
Welding



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Outdoor Power Equipment and Other Small Engine Mechanics	\$32,406	366	16%
Welders	\$41,350	6171	9%
Farm Equipment Mechanics and Service Technicians	\$39,915	304	17%
Mobile Heavy Equipment Mechanics	\$47,299	1627	16%
Agricultural Engineers	\$64,792	9	13%

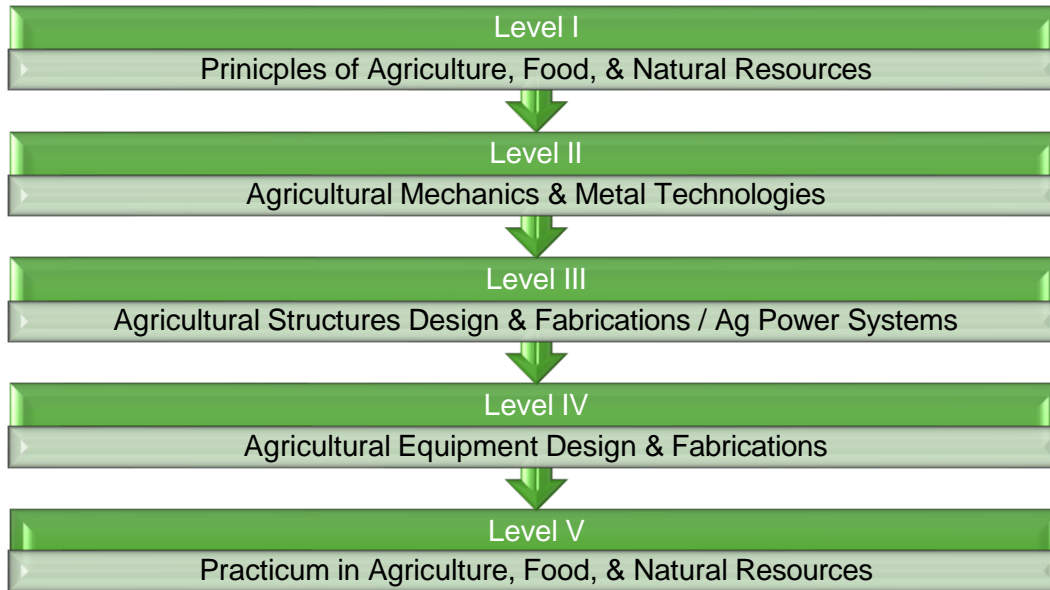
Successful completion of the Agricultural Technology and Mechanical Systems program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised – August 2022



An Endorsement in Business & Industry will be awarded to students that earn 4 credits in the Agricultural Technology & Mechanical Systems Program of Study.

The Applied Agricultural Engineering program of study explores the occupations and educational opportunities associated with applying knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing agricultural products. This program of study may also include exploration into diagnosing, repairing, or overhauling farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.

RECOMMENDED APPLIED AGRICULTURAL ENGINEERING SEQUENCE



APPLIED AGRICULTURAL ENGINEERING COURSE DESCRIPTIONS

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES

PRINAFNR

PEIMS#13000200

Credit: 1

Prerequisite: none

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.

AGRICULTURAL MECHANICS & METAL TECHNOLOGIES

AGMECHMT

PEIMS#13002200

Credit: 1

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Note: Students must wear Personal Protective Equipment including jeans and boots.

Industry Based Certification: AWS D1.1 Structural Steel Certification

Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations.

AGRICULTURAL STRUCTURES DESIGN & FABRICATION

AGSDF

PEIMS#13002300

Credit: 1

AGSDFLAB

PEIMS#13002310

Credit: 2

Prerequisite: Agricultural Mechanics and Metal Technologies

Note: Students must wear Personal Protective Equipment including jeans and boots.

Industry Based Certification: AWS D9.1 Sheet Metal Certification

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication.

AGRICULTURAL EQUIPMENT DESIGN & FABRICATIONS

AGEQDF

PEIMS#13002350

Credit: 1

AGEQDF

PEIMS#13002360

Credit: 2

Prerequisite: Agricultural Structures Design and Fabrication

Note: Students must wear Personal Protective Equipment including jeans and boots.

In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment.

PRACTICUM IN AGRICULTURE, FOOD, & NATURAL RESOURCES

PRACAFNR1

PEIMS#13002500

Credit: 2

Prerequisite: Agricultural Equipment Design & Fabrications

Note: Requires Instructor Approval. Students must wear Personal Protective Equipment including jeans and boots.

The Practicum class will be an unpaid internship that allows students to get experience working in the agricultural ind

INDUSTRY BASED CERTIFICATIONS

Students who enroll in the Animal Science Program of Study will have the opportunity to earn the following Industry Based Certifications:

Certifying Entity	Certification
American Welding Society	D1.1 Structural Steel Certification
American Welding Society	D9.1 Sheet Metal Certification

AWS D1.1

The AWS D1.1 Structural Steel Welding Code provides specifications and requirements for welding procedures. A student can earn a welder performance qualification by demonstrating the ability to produce welds meeting the prescribed standards in accordance to AWS D1.1 Structural Steel welding code. If a student obtains the qualification, the document certifies that the student is qualified to produce specific welds in accordance with D1.1.

AWS D9.1

The AWS D9.1 Sheet Metal Welding Code provides specifications and requirements for welding procedures. A student can earn a welder performance qualification by demonstrating the ability to produce welds meeting the prescribed standards in accordance to AWS D9.1 Sheet Metal welding code. If a student obtains the qualification, the document certifies that the student is qualified to produce specific welds in accordance with D9.1

PROGRAMS OFFERED THROUGH A PARTNERSHIP WITH DEL MAR COLLEGE

Woodsboro ISD has proudly partnered with Del mar College to offer a Health Science Program as well as a Carpentry Program.

The Medical Programs are available for Juniors and Seniors and the Carpentry Program is available for Freshmen, Sophomores, Juniors, and Seniors. Students must meet the requirements Del Mar College.

Students are required to wear appropriate personal protective equipment and clothing at the student's expense, ex: leather boots and jeans for the construction program and scrubs and tennis shoes for the medical programs.

Students will have the opportunity to earn Continuing Education Credits while enrolled in these programs at the high school. Additionally, Del Mar College offers adult courses for students to continue their education.

Upon high school graduation, Del Mar College students will have the opportunity to work with a Career Counselor from Del Mar College to find appropriate employment.

Carpentry

Carpentry Statewide Program of Study



The Carpentry program of study explores the occupations and educational opportunities related to constructing, installing, or repairing structures and fixtures made of wood, such as concrete forms (including frameworks, partitions, joists, studding, rafters, and stairways). This program of study may also include exploration into installing, dismantling, or moving machinery and heavy equipment according to layout plans, blueprints, or other drawings.

High School Course Sequence

Level 1-Grade 9 (1 Credit)

- Principles of Construction

Level 2-Grade 10 (2 Credit Block)

- Construction Technology I

Level 3-Grade 11 (2 Credit Block)

- Construction Technology II

Level 4-Grade 12 (2 Credit Block)

- Practicum in Construction Technology

*Course offerings and programs of study may change based upon staffing and student interest

Post-Secondary Opportunities

Associates Degrees

- Carpentry/Carpenter
- Industrial Mechanics and Maintenance Technology

Bachelor's Degrees

- Construction Science

Master's, Doctoral, and Professional Degrees

- Construction Management

Industry-Based Certifications

- HBI Pre-Apprenticeship Certificate Training (PACT), Core



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Carpenters	\$35,922	5,031	26%
Cost Estimators	\$63,939	2,239	21%

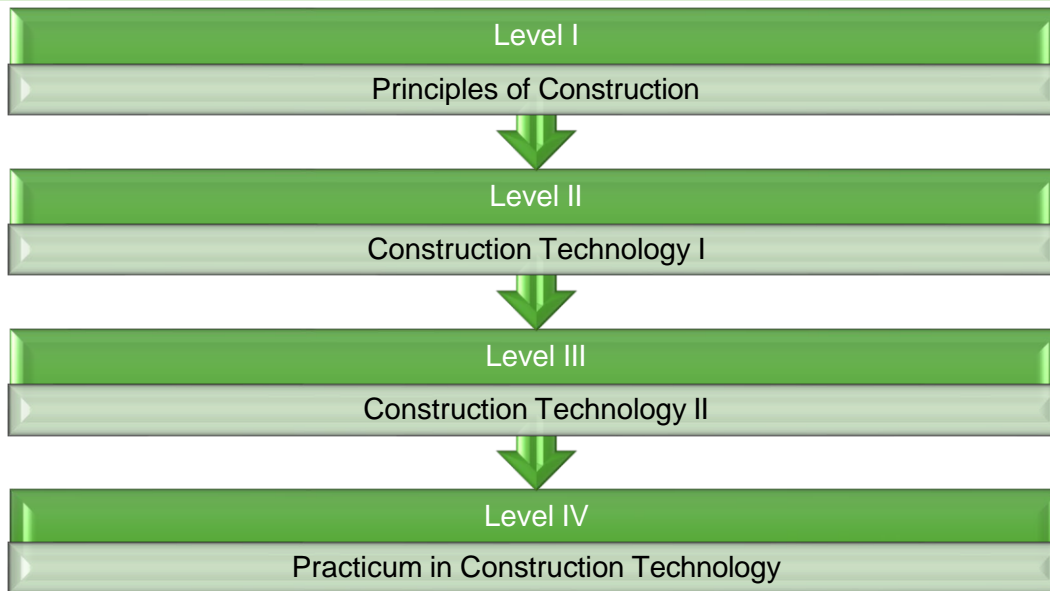
Successful completion of the Carpentry program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022



An Endorsement in Business & Industry will be awarded to students that earn 4 credits in the Carpentry Program of Study.

WHS has partnered with Del Mar College to offer the Carpentry program of study which explores the occupations and educational opportunities related to constructing, installing, or repairing structures and fixtures made of wood, such as concrete forms (including frameworks, partitions, joists, studding, rafters, and stairways). This program of study may also include exploration into installing, dismantling, or moving machinery and heavy equipment according to layout plans, blueprints, or other drawings.

RECOMMENDED CARPENTRY SEQUENCE



CARPENTRY COURSE DESCRIPTIONS

PRINCIPLES OF CONSTRUCTION

PRINCON

PEIMS#13004220

Credit: 1

Prerequisite: none

Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. For safety and liability considerations, limiting course enrollment to 15 students per section is recommended. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

CONSTRUCTION TECHNOLOGY I

Prerequisite: Principles of Construction

CONTECH1

PEIMS#13005100

Credit:

HBI Pre-Apprenticeship Certification
Training Core (PACT)

In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. For safety and liability considerations, limiting course enrollment to 15 students is recommended.

CONSTRUCTION TECHNOLOGY II

Prerequisite: Construction Technology I

CONTECH2

PEIMS#13005200

Credit: 2

In Construction Technology II, 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. For safety and liability considerations, limiting course enrollment to 15 students is recommended.

PRACTICUM IN CONSTRUCTION TECHNOLOGY

PRACCT1

PEIMS#13005250

Credit: 2

Prerequisite: Construction Technology II

In Practicum in Construction Technology, students will be challenged with the application of knowledge and skills gained in previous construction-related coursework. In many cases students will be allowed to work at a job (paid or unpaid) outside of school or be involved in local projects the school has approved for this class.

INDUSTRY BASED CERTIFICATIONS

Students who enroll in the Carpentry Program of Study will have the opportunity to earn the following Industry Based Certifications:

Certifying Entity	Certification
Home Builders Institute	HBI PACT CORE

HBI PACT CORE

Pre-Apprenticeship Certificate Training (PACT) curriculum integrates performance-based learning in the building trades with vocational and academic skills training and includes life skills, career development, and on-the-job training. PACT curriculum aligns closely with STEM, is based on NAHB's Green Building Standard™ and National Skills Standards, and is one of only three pre-apprenticeship curricula recognized by the Department of Labor (DOL).

HEALTH SCIENCE DIAGNOSTIC & THERAPEUTIC SERVICES

Healthcare Diagnostic & Therapeutic Services Statewide Program of Study



The Healthcare Diagnostic & Therapeutic Services program of study introduces students to occupations and education opportunities related to performing complex medical laboratory tests for the diagnosis, treatment, and prevention of disease. This program of study may also include exploration into the opportunities associated with blood laboratories as well as radiologic technology and ultrasound technology.

High School Course Sequence

Level 1- Grade 9 (1 Credit)

- Principles of Health Science

Level 2-Grade 10 (1 Credit)

- Medical Terminology

Level 3-Grade 11-12 (2 Credits)

- Health Science Theory/Clinical (2 Credit Block)
- Anatomy and Physiology (1 Credit)
 - This course also counts as an honors science credit

Level 4- Grade 12 (2 Credits)

- Practicum in Health Science (2 Credit Block)

*Course offerings and programs of study may change based upon staffing and student interest. Level I and Level II may be taught virtually.

Industry-Based Certifications

- Certified EKG Technician (Grade 11)
- Phlebotomy Technician (Grade 11)
- Medical Assistant (Grade 12)
- Patient Care Technician (Grade 12)

*EKG and Phlebotomy Certifications are a prerequisite for the Medical Assistant/Patient Care Technician Certifications



Post-Secondary Opportunities

Associates Degrees

- Nuclear Medical Technology/Technologist
- Magnetic Resonance Imaging (MRI) Technology/Technician

Bachelor's Degrees

- Nuclear Medical Technology/Technologist
- Medical Radiologic Technology/Science Radiation Therapist

Master's, Doctoral, and Professional Degrees

- Radiologist
- Radiologic Technology/Science Radiographer



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Diagnostic Medical Sonographers	\$69,909	495	35%
Phlebotomist	\$30,597	1,442	36%
Nuclear Medicine Technologists	\$75,962	91	13%
Radiologic Technologists	\$55,494	1,196	21%
Magnetic Resonance Imaging Technologists	\$68,661	217	21%

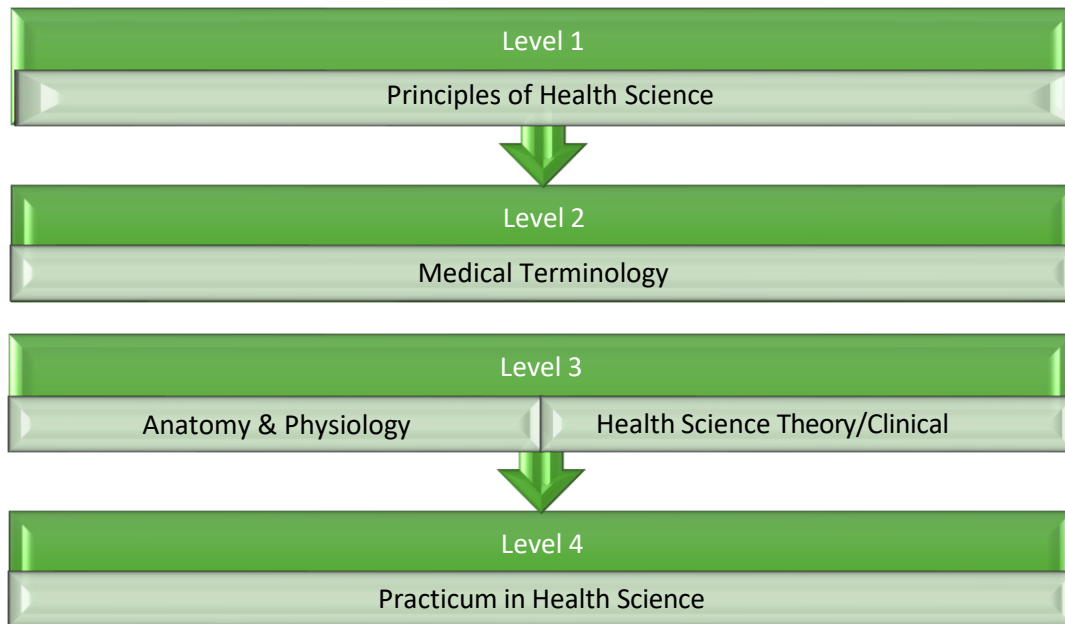
Successful completion of the Healthcare Diagnostics program of study will fulfill requirements of the Public Service or STEM endorsement if the math and science requirements are met. Revised – August 2022



An Endorsement in Business & Industry will be awarded to students that earn 4 credits in the Healthcare Diagnostics Program of Study.

WHS has partnered with Del Mar College to offer the Health Science Career Cluster that focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

RECOMMENDED HEALTHCARE DIAGNOSTICS SEQUENCE



*All courses taken in a 2-period block during Junior or Senior Year

HEALTHCARE DIAGNOSTICS COURSE DESCRIPTIONS

PRINCIPLES OF HEALTH SCIENCE

PRINHLSC PEIMS # 13020200 Credit: 1

Prerequisite: none

**Course may be offered online depending upon staff availability*

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

MEDICAL TERMINOLOGY

Prerequisite: none

MEDTERM PEIMS # 13020300 Credit: 1

**Course may be offered online depending upon staff availability*

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

ANATOMY & PHYSIOLOGY

ANATPHYS

PEIMS#13020600

Credit: 1

Prerequisite: Met Standard on Biology STAAR and 2nd Science Credit. GPA is weighted as an Honors course at 1.1.

Note: This class is recommended to be taken Junior year in conjunction with the Certified EKG/ECG Technician and Phlebotomy Technician courses and counts as a science credit towards the graduation requirements.

Anatomy and Physiology is a lab-oriented course that includes the study of the form, structure, and function of living things. The course will emphasize the study of human structures, systems, and functions. Anatomy and Physiology is especially recommended for those interested in the medical or allied health fields.

HEALTH SCIENCE THEORY / HEALTH SCIENCE CLINICAL

HLSCLIN

PEIMS#13020410

Credit: 2

Prerequisites: Biology

Industry Based Certification: Certified EKG/ECG Technician

Industry Based Certifications: Certified Medical Assistant & Phlebotomy Technician

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. Districts are encouraged to offer this course in a consecutive block with Health Science Theory to allow students sufficient time to master the content of both courses.

PRACTICUM IN HEALTH SCIENCE

PRACHLS1

PEIMS#13020500

Credit: 2

Prerequisites: Biology, Health Science Theory/Health Science Clinical

Industry Based Certification: Certified Phlebotomy Technician

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

INDUSTRY BASED CERTIFICATIONS

Students who enroll in the Healthcare Diagnostics program of study will have the opportunity to earn the following Industry Based Certification:

Certifying Entity	Certification
American Allied Health	Phlebotomy Technician
National Health Career Association	Certified EKG/ECG Technician

PHLEBOTOMY TECHNICIAN

The Phlebotomy Technician certification content domains can include quality and professional issues, infection control and safety, patient id and site preparation, orders and equipment selection, blood collections and processing. Exam candidates should be familiar with using aseptic and infection control techniques throughout the phlebotomy process, following hand hygiene guidelines to prevent the spread of infections, and verifying patient compliance with testing requirements and proceed accordingly. In addition, candidates should know how to interview patients to identify special considerations that may impact collections, follow standard tourniquet application and removal procedures, selecting final site through observation and palpation, for specimen collection and applying antiseptic agent to blood collection site.

CERTIFIED EKG/ECG TECHNICIAN

EKG Technicians carry the responsibility of administering electrocardiogram tests, which help practitioners understand the state of a patient's heart. Technicians ensure proper electrode placement on the patient, record the EKG/ECG, prepare the report for the physician, ensure patient comfort and safety, and troubleshoot abnormalities with the recording. In addition, EKG/ECG technicians set up and administer stress tests. Candidates should be familiar with performing Holter monitoring and stress testing, medical terminology, understanding the anatomy and physiology of the heart, diseases and disorders of the heart, electrocardiography, pharmacology, and general patient care.

CERTIFIED MEDICAL ASSISTANT

A medical assisting exam assesses a student's knowledge of therapeutic modalities, insurance filing procedures, medical terminology, clinical pharmacology, body systems, vital signs and measurements, human relations, lab procedures, performing and assessing an ECG, conducting patient education, financial book keeping, administrative duties, and medical law and ethics. Exam competencies may include clinical patient care, general patient care, administrative assisting, patient care and education, and infection control.

CREATING A 4 YEAR PLAN

The following Quick Reference Guides will help you to create a 4-Year Plan to ensure that you complete the classes you would like to take to satisfy Texas Graduation Requirements, earn your endorsements, and earn the Industry Based Certification(s) that will help you after high school graduation.

Find the page titled, “Woodsboro High School 4 Year Plan” on page 57 of this Course Guide. Follow these steps to fill it out.

	Task	Things to keep in mind:
1	Identify your Academic Core selections	Look at the “Academic Core Course Progression Quick Reference Guide” make your selections and fill them in the corresponding blanks on the 4 Year Plan Sheet in the “Course Completion Plan” section. Each box counts for one class period. You may choose Accelerated Courses in any or all subjects.
2	Identify required LOTE, Fine Art, & PE courses	Look at the “Elective Course Offering by Classification Quick Reference Guide”, make your selections from the following Programs of Study: LOTE, Visual or Performing Arts, and Physical Education. Fill in your selections in the corresponding blanks on the 4 Year Plan Sheet in the “Course Completion Plan” section.
3	Fill in Band &/or Athletics for 4 years	If you would like to participate in Band &/or Athletics all 4 years, make your selections and fill in a box for each class for each year on the 4 Year Plan Sheet in the “Course Completion Plan” section.
4	Choose your Program of Study	Look at the “Elective Course Offering by Classification Quick Reference Guide” under the column named “Program of Study”. Select your Program of Study and fill in the corresponding blank on the 4 Year Plan Sheet in the “Graduation Plan” section. Then, in the “Course Completion Plan” section, fill in a box for each required course for each year on the 4 Year Plan sheet. Fill in 2 boxes for the courses with the note “2 period block”. Recommendations for Core Academic and LOTE classes are also noted in the Program of Study progression of courses. Double check that you have selected those classes.
5	Identify your Endorsement & Certification(s)	Look at the “Endorsements & Certifications Quick Reference Guide”. Find your Program of Study and the corresponding Endorsements & Certification(s). Fill in this information on your 4 Year Plan in the “Endorsements” and “Certifications” blanks in the “Graduation Plan” section. You will also need to complete the “CTE Course Sequence” boxes. Every study at WHS should complete a program of study.
6	Fill in additional blanks in the “CoUrse Completion Plan”	If there are empty boxes in your “Course Completion Plan”, you can choose another Program of Study and repeat steps 4 & 5 OR pick classes that you would be interested in taking, but be mindful of what classes you are able to take in regards to level, classification, and prerequisites.
7	Describe your Plans After High School	On your 4 Year Plan sheet under “Post High School Plans” number your post high school plans in the number order that you would pursue, then describe the details of your plan, ex: major, career, place of employment, school you plan to attend, branch of the military you plan to join. You may list more than one plan.

ACADEMIC CORE COURSE PROGRESSION QUICK REFERENCE GUIDE

STANDARD ACADEMIC CORE COURSE PROGRESSION:

FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
English: English I	English: English II	English: English III	English: English IV or Business English
Math: Algebra I	Math: Geometry	Math: Math Models or Algebra 2	Math: Algebra II or Financial Mathematics
Science: Biology	Science: IPC	Science: Chemistry	Science: Advanced Plant & Soil Science
Social Studies: World Geography	Social Studies: World History	Social Studies: US History	Social Studies: Government & Economics

ACCELERATED ACADEMIC CORE COURSE PROGRESSION:

English: English I- Honors*	English: English II- Honors*	English: English III-Honors*	English: ENGL 1301 & 1302**
Math: Algebra I	Math: Geometry	Math: Algebra II	Math: Pre-Calculus* or MATH 1314 & Math 1442**
Science: Biology	Science: Chemistry	Science: Advanced Plant & Soil Science or A&P* or Physics or Principles of Technology	Science: Advanced Plant & Soil Science or A&P* or Physics or Principles of Technology
Social Studies: World Geography	Social Studies: World History	Social Studies: HIST 1301 & 1302**	Social Studies: GOVT 2305 & ECON 2301**

*WHS Honors Class weighted at a 1.1

**Dual Credit course through Coastal Bend College weighted at a 1.2

ELECTIVE COURSE OFFERINGS BY CLASSIFICATIONS QUICK REFERENCE GUIDE

Program of Study	Freshman	Sophomore	Junior	Senior
Languages Other Than English	Spanish I	Spanish II		
Visual Arts	Art I	Art II	Art III	Art IV
Performing Arts	Band I	Band II	Band III	Band IV
Physical Education	Athletics I Marching Band I Physical Education	Athletics II Marching Band II	Athletics III	Athletics IV
Additional Electives	TPSP 1	TPSP 2	TPSP 3 Personal Financial Literacy/ Professional Communications	TPSP 4 Office Aide

Career & Technical Education Programs of Study

Teaching & Training	Principles of Education & Training	Communication & Technology in Education	Instructional Practices	Practicum in Education Training
Graphic Design & Interactive Media	Principles of Arts, A/V Technology, and Communications	Graphic Design and Illustration I	Graphic Design & Illustration II	Practicum in Graphic Design & Illustration

Plant Science	Principles of Agriculture, Food, & Natural Resources <i>8th grade elective option</i>	Floral Design	Advanced Floral Design Science Credit: Advanced Plant & Soil Science	Science Credit: Advanced Plant & Soil Science Practicum in Agriculture, Food, & Natural Resources
Applied Agricultural Engineering	Principles of Agriculture, Food, & Natural Resources <i>8th grade elective option</i>	Agricultural Mechanics & Metal Technologies	Agricultural Structures Design & Fabrications or <i>2 periods</i> Ag Power Systems <i>2 periods</i>	Agricultural Equipment Design & Fabrication <i>2 periods</i> Practicum in Agriculture, Food, & Natural Resources

CTE Programs Partnered with Del Mar College

Carpentry	Principles of Construction	Construction Technology I <i>2 period block</i>	Construction Technology II <i>2 period block</i>	Practicum in Construction Technology
Healthcare Diagnostics	Principles of Health Science	Medical Terminology	Health Science Theory/Clinical <i>2 period block</i> Science Credit: Anatomy & Physiology	Practicum in Health Science <i>2 period block</i>

AGRICULTURAL TECHNOLOGY
& MECHANICAL SYSTEMS

AWS D1.1 Structural Steel

AWS D9.1 Sheet Metal Welding

PLANT SCIENCE

Texas State Florist's Association
Knowledge Based Floral Certification

Texas State Florist's Association Level I
Floral Certification

CARPENTRY

HBI Pre-Apprenticeship
Certificate Training
(PACT), Core

GRAPHIC DESIGN &
INTERACTIVE MEDIA

Adobe Photoshop

Adobe Illustrator

TEACHING & TRAINING

Educational Aide I

HEALTH CARE DIAGNOSTIC &
THERAPEUTIC SERVICES

EKG

Phlebotomy

Medical Assistant

Patient Care Technician



Woodsboro High School 4 Year Plan

Name:		Class of	
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Graduation Plan:

PlanType	<input type="checkbox"/> Foundation (22Credits) <input type="checkbox"/> Foundation with Endorsement (26 Credits) <input type="checkbox"/> Distinguished*
Program of Study	
Endorsement	Required: <input type="checkbox"/> Business&Industry or <input type="checkbox"/> Public Service Optional: <input type="checkbox"/> Arts&Humanities <input type="checkbox"/> Multidisciplinary <input type="checkbox"/> STEM
Industry Based Certification	

CTE Course Sequence

9TH:
10TH:
11TH:
12TH:

Course Completion Plan:

Freshman		Sophomore		Junior		Senior	
English		English		English		English	
Math		Math		Math		Math	
Social Studies		Social Studies		Social Studies		Social Studies	
Science		Science		Science		Science	
LOTE		LOTE					
Fine Art							
PE							

Post High School Plans

My Post High School Plans Will Take Me To:

(Number in order of your goals)

- ____ 2-Year College
- ____ Technical Training
- ____ 4 Year University
- ____ Military
- ____ Workforce
- ____ Other: _____

TO BE COMPLETED BY OFFICE STAFF:

Grad Code: _____

STAAR End of Course Exams:

- English I
- Algebra I
- English II
- Biology
- US History

CCMR Status:

- Dual Credit
- IBC Earned & CTE Completer Status Date Earned: _____
- Met TSI Criteria (SAT/ACT/TSIA) in both Reading & Math
- Military Enlistment
- Earned a Level 1 or Level 2 Certification
- Earned an Associates Degree
- Graduated with completed IEP and workforce readiness
- Graduated under an advanced degree plan and is identified as a student in special education
- Other: _____

*The benefits of a graduation plan that includes earning one or more endorsements and the distinguished level of achievement, postsecondary education opportunities, automatic admittance and eligibility for financial aid have been explained to me. (Chapter 74. Curriculum Requirements, Subchapter B. Graduation Requirements.

Student Signature: _____ Date: _____

Parent / Guardian Signature: _____ Date: _____

Administrator/Counselor Signature: _____ Date: _____

THREE YEAR GRADUATION CONTRACT

Student Name: _____

Anticipated year of Graduation:		Currently Scheduled Credits:	
Credits Earned:		Credits needed:	

Three Year Graduation:

Students who select to graduate at the end of their 11th grade year (third year of high school) must declare intent as soon as possible, but no later than the last day of their 9th grade (freshman) year. Because of the required English class sequencing, students can only enroll in English 4 or its equivalent during their final year of high school and cannot enroll in English III and English IV concurrently.

Students planning to graduate within three years from the first date of entry into high school must sign this contract with the principal, administrator of student services, and parent declaring their intention to do so. They will be classified as a junior all year. They are welcome to participate in the graduation ceremony and senior prom.

Accelerating students may earn credits through correspondence courses, credit-by-exam, or course work completed outside the traditional school day. These methods of credit attainment will not be calculated in the GPA.

Students must pass all EOCs to retain early graduation eligibility. Automatic admission and other top 10% benefits may be forfeited with early graduation. Contact your college of interest for more information.

Students who select the Three-Year Graduation Program are expected to follow their agreed upon graduation plan as indicated below. *Approval by Principal Required.

Sophomore Year		Junior Year	
1	English II	1	English IV
2	English III	2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	

Student Signature Date

Administrator of Student Services Date

Parent Signature Date

Principal Signature Date

COLLEGE/MILITARY VISITATION FORM

Woodsboro Junior Senior High School
508 S. Kasten St.
Woodsboro, TX 78393
Phone: (361)543-4518
Fax: (361)543-5140

Woodsboro High School students may have excused days as indicated below, each year to explore their college and/or military options. These days must be used for the day of the visit, not for travel.

- Seniors – 4 days
- Juniors – 3 Days
- Sophomores – 2 days
- Freshmen – 1 day

Student Name:	
Date of Visit:	
Name of College or Military branch:	
College or Military Contact Person:	
College or Military Contact Position:	

Student Signature

Date

Parent Signature

Date

College or Military Representative Signature

Date

*This form must be returned to the attendance office after the college or military visit in order for the absence to be excused.