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**ENNIS HIGH SCHOOL
COURSE CATALOG
2021-2022**

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Table of Contents

Graduation Plans	4
Distinguished Level of Achievement	5
Credit Requirements for Graduation	6
State Testing Requirements for Graduation	9
Selecting an Endorsement	10
Grade Level Classification	13
Grade Weight	14
Alternative Ways to Earn High School Credit	15
Technology Applications Course Substitutes for Graduation	17
Health Course Substitutes for Graduation	18
Dual Credit	19
Local Credit	23
English Language Arts and Reading	25
Mathematics	33
Science	39
Social Studies	45
Languages Other Than English	51
Community and Campus Service	54
Physical Education and Health	57
Athletics	60
Fine Arts: Art	63
Fine Arts: Theatre	68
Fine Arts: Music	71
Fine Arts: Dance	74
Career and Technical Education (CTE) Introduction	76
CTE Cluster Profiles	77
Business and Industry Endorsement	
Agriculture, Food, and Natural Resources	96
Construction	98
Arts, Audio/Visual Technology, and Communication	99
Design and Multimedia	99
Business Management, Marketing, and Finance	100
Accounting and Finance	100
Marketing and Sales	100
Culinary Arts	101
Welding	102
Transportation (Automotive)	103
Public Service Endorsement	
Education and Training	104
Law, Public Safety, Corrections, and Security	105
Health Services	106
Human Services (Cosmetology)	107
STEM (Science, Technology, Engineering, and Math (STEM) Endorsement	
Engineering	109

USING THE 2021-2022 EHS COURSE CATALOG

In this course catalog, you will find information that will help guide you as you plan your course sequence from your freshman through your senior year. Each year you will want to spend time in the current course guide to identify course options, note any changes to the graduation program requirements, and to help you in your decision-making process as you register for the upcoming year. Additionally, you will want to view the websites for any colleges, certifications, or post-graduation programs you may be interested in, to pinpoint their specific requirements.

Ennis ISD staff encourages you to spend time in the course planning process as an investment in your career, college, or military future.

- Study the graduation requirements that are based on the year you were a freshman. For students who repeat their freshman year, the graduation requirements remain based on the initial year of high school enrollment.
- Read the course guide, and discuss your plan options with parents, guardian, or mentor.
- Note the test days and exams offered for college-bound students, as well as the career workplace preparation program options, for those interested in entering the workforce upon high school graduation.
- Meet with your counselor to review course options based on your career interests and academic strengths.

Information contained in this course guide is subject to change by Texas Education Agency action and subsequent approval by the Ennis ISD Board of Trustees.

GRADUATION PLANS

In 2013, the Texas Legislature established the Foundation High School Program along with Endorsement areas from which each student entering high school is required to choose. To graduate, students must complete required course credits based on the chosen graduation endorsement and pass state-mandated tests.

Graduation on the Foundation plan with an Endorsement requires 26 credits. The choice for students to opt-out of an endorsement and graduate with only the Foundation plan requires approval from the Superintendent or designee **as well as** compliance with local EISD graduation credit requirements beyond those specified by the state.

Personal Graduation Plans (PGPs)

- Each student will help co-design a personal graduation with his or her counselor.
- The plan will be updated each school year.
- Each PGP is a flexible and unique plan custom made to each student.
- Below is an example of a PGP

:

Endorsement Plan: CIRCLE ONE BELOW				
Arts & Humanities	Business & Industry	Multidisciplinary	Public Service	STEM
Do you plan to take Algebra II for a Distinguished Endorsement? (circle yes or no)			YES	NO

Subject Area	9th Grade	10th Grade	11th Grade	12th Grade
ENGLISH (4)				
MATH (4)				
SCIENCE (4)				
SOCIAL STUDIES (4)				
FOREIGN LANGUAGE (2)				
PE / ATHLETIC (1)				
FINE ART (1)				
ELECTIVES (4)				
SPEECH (0.5) + HEALTH (0.5)				
TECHNOLOGY (1)				

DISTINGUISHED LEVEL OF ACHIEVEMENT / PERFORMANCE ACKNOWLEDGMENTS

Distinguished Level of Achievement (DLA)

DLA is an important component for automatic admission into publicly-funded colleges and universities in Texas. It is achieved by completing Algebra II as one of the 4 math credits as well as all other courses for least one endorsement. This achievement will be noted on the student's transcript.

Performance Acknowledgements

Performance Acknowledgements are earned for outstanding performance in areas such as Advanced Placement coursework, Dual Credit coursework, college entrance exam scores (PSAT, SAT, ACT, etc), bilingualism or biliteracy, or industry certifications.

- Advanced Placement: A score of 3 or higher on an AP exam from the College Board
- Dual Credit: At least 12 hours of college academic courses with grades equivalent to 3.0 or higher on a 4.0 scale
- Bilingualism and biliteracy:
 - Complete all ELAR requirements with grades equivalent to at least an 80 on a scale of 100, meet the BE/ESL exit criteria or score Advance-High on TELPAS (if applicable), AND complete one of the following:
 - At least 3 LOTE credits with grades equivalent to at least an 80 on a scale of 100 in the same language, or
 - Complete Level IV of an LOTE course with grades equivalent to at least an 80 on a scale of 100, or
 - Score 3 or higher on a LOTE AP exam, or
 - Score at least the equivalent of Intermediate-High on a national assessment of a LOTE
- College entrance exams:
 - PSAT scores that qualify a student for commendation by College Board groups
 - SAT scores with both a reading score of at least 410 and a math score of at least 520
 - ACT composite score of 28 or higher
- Business or industry certification:
 - The certificate or license is nationally-recognized or governmentally-required for a profession, and is represents substantial knowledge that is representative of the student's course of study

CREDIT REQUIREMENTS FOR GRADUATION

Does your student have a plan?

- Understanding the requirements for high school and how to earn an endorsement are critical for creating a 4 year plan for high school.
- Each endorsement area offered at EHS will allow your student to explore their interests and strengths while preparing for post-secondary goals.
- These pathways bring relevance and purpose to school connecting both a personal plan and goal. Your child's high school counselor will work with him/her on a 4 year plan.

Graduation Plan Options		
Foundation Plan 4 English 3 Math 3 Sciences 4 Social Studies 1 PE 1 Fine Arts 2 Foreign Language 0.5 Speech 0.5 Health 1 Technology 5 Electives Total Credits: 25	OR	Foundation Plan with Endorsement 4 English 4 Math 4 Sciences 4 Social Studies 1 PE 1 Fine Arts 2 Foreign Language 0.5 Speech 0.5 Health 1 Technology 4 Electives Total Credits: 26
Endorsement Areas: Science, Technology, Engineering, and Math (STEM) Arts and Humanities Public Services Business & Finance Multidisciplinary		

Ennis High School Graduation Plan Overview

There is one high school graduation plan approved by the State of Texas and the Ennis ISD, which is the State of Texas Foundation High School Program (TFHSP) requires a minimum of 22 credits, with 3 additional locally required credits, for a total of 25.

While students are in the 8th grade they will select one or more TFHSP endorsement areas for an additional 4 units of credits. At Ennis High School, by default, every student is expected to earn 26 credits and graduate on the Foundation High School Plan with an endorsement.

Students may change their endorsement and/or pathway selection, but any changes must be made prior to the start of the student's 10th grade year to ensure he/she has will be able to complete a coherent sequence of courses in a specific pathway.

Opting Out of an Endorsement

The Texas Education Code, Section 28.025(b), allows a student to graduate under the Foundation High School Program without earning an endorsement if, after the student's sophomore year, the student and the student's parent/guardian are notified of the benefits of graduating with an endorsement and the student's parent/guardian gives written permission for the student to opt out of an endorsement.

The benefits of graduating with an endorsement are available in the [Graduation Toolkit](#), produced in partnership by the Texas Education Agency, the Texas Higher Education Coordinating Board, and the Texas Workforce Commission. The Ennis ISD agrees with the benefits outlined in the graduation toolkit. A free copy of the graduation toolkit is available upon request at Ennis High School in L-111.

Upon deciding to graduate without earning an endorsement, the student must meet with his or her counselor in order to obtain a required consent form that must be signed by the student and parent(s)/guardian(s), and then returned to the school counselor.

Students who opt to graduate without an endorsement will only be required to have a total of 25 credits, which must include the following local requirements:

- 0.5 credit of Health
- 0.5 credit of Speech
- 1.0 credit of World Geography or Human Geography
- 1.0 credit of Technology

Foundation High School Program (FHSP)	Foundation High School Program + Endorsement
25 Credits	26 Credits
4 Credits - English Language Arts	<p>Students can earn an endorsement by:</p> <ul style="list-style-type: none"> * Earning all FHSP & local credit requirements, and; * Credit and course requirements of an endorsement, and; * 1 additional credit of advanced math, and; * 1 additional credit of advanced science, and; <p>*Note: only 4 elective credits required due to endorsement requirements</p> <p>*Health credit and Technology credit requirements may be substituted. Refer to the course catalog (pp. 16-17).</p>
English I English II	
English III English IV	
3 Credits - Mathematics	
Algebra I Geometry	
Algebra II	
4 Credits - Social Studies	<p>Distinguished Level of Achievement & Performance</p> <p>Students who graduate on the TFHSP with an endorsement are eligible to earn Distinguished Level of Achievement (DLA) and/or a Performance Acknowledgement for outstanding performance.</p> <p><i>Note: The DLA must be earned to be admitted to a Texas public university under the Top 10 percent automatic admission law.</i></p>
Geography or Human Geography	
World History U.S. History	
Government (0.5 credit) Economics (0.5 credit)	
3 Credits - Science	<p>Distinguished Level of Achievement Indicators</p> <ul style="list-style-type: none"> *FHSP Credit Requirements met *4 credits of mathematics, including Algebra II *4 credits in science *At least 1 (one) endorsement <p>Performance Acknowledgements</p> <ul style="list-style-type: none"> *Dual Credit or Dual Enrollment course *Industry Certification *PSAT, ACT Plan, SAT, or ACT *Advanced Placement exam (score of a 3 or higher) *Bilingualism
Biology Chemistry	
Physics or Advanced Science	
2 Credits - World Language	
Spanish I & II	
1 Credit - Fine Arts	
Art, Drawing, Ceramics, Explorative Art, Band, Choir, or Theater	
1 Credit – Physical Education PE, Athletics, Marching Band, or Drill Team	
0.5 Credit - Speech	
0.5 Credit - Health	
5 Credits - Electives	
1 Credit - Technology	

TESTING REQUIREMENTS FOR GRADUATION

STAAR (State of Texas Assessment of Academic Readiness)

In addition to completing the required number of credits, a student must pass state-mandated tests to meet graduation requirements. A student with an Individual Education Plan (IEP) may have his or her STAAR testing requirements waived, according to the decision of the ARDC committee.

STAAR EOC Subject Tested	Grade Level Tested
English I	9th
English II	10th
Algebra I	9th (8th if taking Algebra I in junior high)
Biology	9th (10th grade if Biology not taken in 9th grade)
United States History	11th

Accelerated Students

Students who took STAAR tested accelerated high school courses while in middle school (ie. Algebra I) were also required to take the STAAR End-of-Course (EOC) exam, and not the grade level subject exam. STAAR EOC scores associated with accelerated courses taken in middle school will be applicable for graduation requirements at the high school level. However, accelerated students must be prepared to take additional college readiness exams prior to graduation, in order to meet testing requirements under the STAAR guidelines. Texas Administrative Code (TAC), §101.3011, states that students who have completed STAAR EOC assessments while in middle school must take either the ACT or the SAT once to fulfill federal testing requirements.

SELECTING AN ENDORSEMENT

Think of Endorsements as “majors” or areas of focus in high school. What subjects interest you? What are your areas of strength? What is the future career of your dreams? Each endorsement offers a variety of courses designed to allow students to pursue specific interests. All five endorsements also allow for ample opportunities for students to pursue elective opportunities. Endorsements can be changed during high school. Please see a counselor to discuss and plan endorsement changes.

Arts and Humanities Endorsement

Students complete the requirements for the Foundation with Endorsement graduation plan as well as a sequence of courses in an Arts or Humanities area of choice.

Social Studies Focus	Languages Other Than English Focus	Fine Arts Focus	English Focus
5 Social Studies Credits	4 credits in the same language	An approved sequence of 4 Fine Arts credits from the same category; or	4 English elective credits from a specified list of options

Business and Industry Endorsement

Students complete the requirements for the Foundation with Endorsement graduation plan as well as a sequence of courses in specific career clusters or language options.

Career Focus	OR	English Language Arts Focus
4 approved coherent CTE credits from one area: <div>Agriculture Architecture/Construction Arts, A/V Business / Finance Information Technology Manufacturing Marketing Transportation</div>		1 additional English elective, and
		3 levels from one of the following areas: <div>Journalism</div>

Counselors may combine Honorsproved alternate courses sequences that combine CTE, ELAR, and Tech Apps areas

Public Services Endorsement

Students complete the requirements for the Foundation with Endorsement graduation plan as well as a sequence of courses in a specific career or military focus.

Career Focus
4 approved coherent CTE credits from an area of: Health Science Human Services Education Law / Public Safety

Science, Technology, Engineering, and Math (STEM)

Endorsement

Students complete the requirements for the Foundation with Endorsement graduation plan as well as a sequence of courses in specific career clusters, computer science, math, or science.

Career Focus	OR	Computer Science Focus	OR	Mathematics Focus	OR	Science Focus
Algebra II, Chemistry, & Physics		Algebra II, Chemistry, & Physics		Algebra II, Chemistry, & Physics		Algebra II, Chemistry, & Physics
4 Coherent STEM CTE Credits		4 Coherent Credits in Computer Science		2 Additional Math Credits (which require Algebra II as a prerequisite)		2 Additional Science Credits

Multidisciplinary Endorsement

Students complete the requirements for the Foundation with Endorsement graduation plan as well as a sequence of courses in specific career clusters, core academics, or advanced academics.

College & Career Focus	OR	Core Academic Focus	OR	Advanced Academic Focus
4 courses that are determined to prepare successful workforce or college entry		English IV; and		Algebra II, Chemistry, & Physics
		Chemistry and/or Physics		2 Additional Math Credits (which require Algebra II as a prerequisite)
		At least 4 credits in each of ELAR, Math, Science, and Social Studies		4 credits from Advanced Placement (AP) courses, or Dual Credit (DC), or Dual Enrollment (DE) Courses.

GRADE LEVEL CLASSIFICATION

Grade level advancements for students in grades 9-12 shall be earned by course credits. Course credit is awarded when a final grade of 70 or higher is achieved. The number of credits required for graduation varies according to the graduation program.

After ninth grade, students are classified according to the number of credits earned toward graduation.

Credits Earned	Grade Level Classification
0-5	9
6	10
12	11
18	12

GRADE WEIGHT

Ennis High School categorizes and weights eligible courses as Level 1, Level 2, Level 3, or Level 4. Courses with a Level 2, Level 3, or Level 4 shall be designated in appropriate district publications. Courses excluded from the calculation of class rank shall be categorized as Level 1 courses.

Category	Weight
Level 4	Plus 10
Level 3	Plus 5
Level 2	Plus 0
Level 1	Plus 0*

Final semester grades from Level 2, Level 3, and Level 4 courses will be included in class rank.

*Unweighted numerical grades and pass/fail will be reported on student transcripts, but not factored into overall grade point average or class rank.

Examples of How Grade Weight is Applied:

P.E. is a **Level 1** course, therefore the student's final course grade is not weighted, and the final course grade is not included in his/her grade point average.

Algebra I is a **Level 2** course, therefore the student's final course grade receives no extra grade weight, but this grade is included in his/her grade point average.

English I Honors is a **Level 3** course, therefore the student's final course grade receives an extra 5 points of grade weight, and this extra grade weight along with the final course grade are included in his/her grade point average.

AP English IV is a **Level 4** course, therefore the student's final course grade receives an extra 10 points of grade weight, and this extra grade weight along with the final course grade are included in his/her grade point average.

ALTERNATIVE WAYS TO EARN HIGH SCHOOL CREDIT

Ennis High School offers a number of state-approved options for earning credit outside the classroom. Below is a brief description of each of these with the corresponding requirements for completion. For more details on any individual option, please contact one of the counselors in the guidance office.

Credit By Examination (with Prior Instruction)

Students who have had prior formal instruction in a course and failed one or both semesters may qualify to gain credit for the semester(s) by scoring a specified score on a state-approved Credit By Exam. Minimum original grades in the course may be required. Credit By Exam cannot be used to gain eligibility in extracurricular activities. The student and parent are responsible for payment and ordering of the exam. Grades from these exams do not count in the student's GPA calculation. Please refer to the EHS Student Handbook for current requirements.

Credit By Examination (without Prior Instruction)

Under 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 rules mandate that the student must make a specified score on such a test to receive credit for the course. The school district chooses the test and establishes test dates. Please refer to the EHS Student Handbook or ask a counselor for Credit by Exam dates. Credit by Exam cannot be used to gain eligibility in extracurricular activities. Grades from these exams do not count in the student's GPA calculation.

Correspondence Course Credit

Students may earn a maximum of two credits through correspondence. The University of Texas and Texas Tech University both offer State-approved correspondence courses. There are tuition fees and textbook charges for these courses. After the student completes the correspondence assignments, he/she must score 70 on the final exam over the material covered in the course. Grades from correspondence courses do not count in the student's GPA calculation. To ensure all transfer credit will be approved, students are strongly encouraged to meet with a counselor prior to enrolling.

Computer-Based Credit Recovery

Students who meet eligibility requirements may recover credit that was lost by failing a course or due to excessive absences using a computer-based instruction program. Eligibility for computer-based credit recovery is contingent on the following: (1) administrative approval based on a review of the circumstances of the denied credit; (2) administrative approval based on availability and priority; (3) instruction time scheduled outside the student's academic day. Grades from computer-based instruction do not count in the student's GPA calculation.

Summer School

Summer school classes are most commonly used for credit recovery. In specific circumstances a limited number of courses may also be available for advancement (a class may be taken in the summer instead of taken during the normal school year) once a student reaches high school, space permitting. A limited number of partial and/or full credits may be obtained during summer school. Information regarding available classes, fees, and available credit is made available in the counselor's office each spring.

Early Graduation

On occasion, students have the goals and self-discipline such that they want to graduate high school in three years rather than the traditional four years. This is unusual, but possible with careful planning. A student wanting to graduate in three years should begin planning for this during middle school with a counselor, and have the plan approved prior to beginning the third year of high school. A written request is to be submitted to the campus principal by the student, or his/her parent/guardian, who is requesting the early graduation.

Early Release / Late Arrival

A senior who is on track to graduate on time (has successfully passed all portions of the state assessments and has earned the number of credits required for his or her graduation plan) may gain approval for late arrival (where the student begins the school day after 1st period) or early release (where the student may leave school after 7th period).

Limits on the number of early release / late arrival class periods which are permitted vary by the student's academic standing and course enrollment. See a counselor for eligibility information.

TECHNOLOGY APPLICATIONS COURSE SUBSTITUTES FOR GRADUATION REQUIREMENTS

Courses that may satisfy the graduation requirement for students entering Ennis High School to earn 1 credit of Technology Applications include the following:

Business Information Management I & II

CBI Computer I

Digital Interactive Media (DIM)

Computer Science (COSC 1301 Dual Credit)

Dual Credit Business Computer Applications

Graphic Design

Web Tech

Architectural Design I & II

Engineering Design & Presentation

Advanced Engineering Design & Presentation

Advanced Engineering II

Principles of Information Technology

Audio/Video Production I

Advanced Audio/Video Production

Principles of Art Audio/Video Tech

Principles of Applied Engineering

Introduction to Engineering Design

Advanced Journalism Yearbook I-III

Audio/Video Production

HEALTH COURSE SUBSTITUTES FOR GRADUATION REQUIREMENTS

Courses listed below will satisfy the 0.5 credit requirement of Health for students attending Ennis High School.

Anatomy and Physiology

Health

Principles of Health Science

Practicum Health Science

Medical Terminology

World Health Research

CBI Health

PE Trainer I-IV

Sports Medicine

DUAL CREDIT

Ennis High School (EHS) offers Dual Credit (DC) through a partnership with Navarro College (NC). Specifically, EHS works with the NC campus of Waxahachie. DC is offered to students beginning in the 9th grade through 12th grade. Students who take DC courses have the opportunity to get ahead by earning college credits while in high school, at a significantly discounted price. Courses are offered either online or face-to-face here at EHS. Several EHS teachers are the professors of the DC courses, since they have the graduate level credentials to teach such courses. DC courses do not fall under UIL regulations, and have a grade weight equal to Advanced Placement and Dual Enrollment. For detailed dual credit information, please refer to the **Dual Credit Handbook** found on the EISD website, under the [College and Career](#) tab.

Students interested in taking Dual Credit courses must have certain test scores in the areas of Reading, Writing, and Math. There are several exams that can be used to show if students are ready for college level courses. The Texas Success Initiative Assessment (TSIA) exams and minimum scores are listed below.

Students have the opportunity to an Associate Degree from Navarro College while in high school. Students wishing to earn the 2-year Associate Degree should begin planning no later than 9th grade by meeting with their high school counselor, and an advisor at Navarro to file an official degree plan. Ennis ISD does not cover the cost of dual credit or textbooks, however; there are scholarship opportunities.

TSIA Requirements for Dual Credit Eligibility	
STAAR End-of-Course	<ul style="list-style-type: none"> English II - 4000 or greater Algebra I - 4000 or greater
Accuplacer (TSIA2)	<p>Reading and Writing Exam - 945 Math - 950</p> <p>Accuplacer (TSIA1)</p> <p>Reading - 351 Writing - 340 and a 4 or higher on essay Math - 350</p>
PSAT/NMQST & SAT	<ul style="list-style-type: none"> Evidenced Based Reading & Writing - 480 Math - 530
ACT	<ul style="list-style-type: none"> Composite score of 23 <ul style="list-style-type: none"> minimum of 19 in English minimum of 19 in Math

For specific information and forms related to dual credit, visit the Ennis ISD College and Career website via this link: [EISD College and Career](#)

Dual Credit Enrollment & Registration

Students must visit with their high school counselor in order to register for any dual credit or concurrent college courses. The final college grade a student earns at the end of each semester, in their dual credit college course, will be transferred and applied to their high school transcript. *Concurrent college courses* are dual credit courses the student already has high school credit for, but is taking in order to gain *college credit only*. Concurrent college course grades are not transcribed to the student's high school transcript. The college partner sets the due dates for course registration, payment, and dropping courses. The dates and deadlines are communicated via email to the students from the high school and the college, and by the use of social media (Facebook), and on the [EISD College and Career](#) website.

Students who can't fit a dual credit course in their high school schedule are permitted to take an online course on their own time. Discretion will be made by the counselor after reviewing the student's academic progress in high school and any prior dual credit course work. This same counselor discretion applies to winter and spring minimesters, where the college classes are very short (~15 days).

Enrollment and Registration Steps for Dual Credit

1. Apply to Navarro College via www.applytexas.org as a dual credit student
2. Get your parent to sign a Dual Credit Permission form.
3. You need to complete and sign a Permit to Register form, and also get your parent to sign the same form. Available from your EHS Counselor.
4. Pay tuition to Navarro College.
5. Buy your textbook, if needed, online or at the Navarro College Bookstore.

Important Dates for Dual Credit Registration

1. For Fall classes, steps 1-3 above are always due the last Friday of April.
2. For Spring classes, steps 1-3 above are always due by the first Monday of November.
3. For Summer classes, steps 1-3 above are always due the first Monday of April.

Dual Credit Grades

Students taking a dual credit course will receive a college letter grade (A, B, C, D, or F) on their college transcript at the end of each semester, as long as they do not drop the college course. For more information and timelines on withdraws from college classes, visit the [Navarro College website](#).

Beginning in the 20-21 school year, Ennis High School will transcribe the specific numerical grade from the dual credit college course to a student's high school transcript, using the table below as a guide. The dual credit college grades are not reported on the student's report card during the first nine weeks, but the final college grade for the fall semester will appear on the 2nd nine-weeks report card, if the course was on his or her high school schedule under dual credit. The spring college grades will be present on the final high school report card. **Seniors – make note that spring dual credit college grades are not factored into your high school GPA until AFTER your high school graduation.**

College Numerical Grade to High School Numerical Grade Scale

Navarro College Numerical Grade	Ennis High School Numerical Grade
90-100	90-100
80-89	80-89
70-79	70-79
60-69	70
Withdrawn (No Grade)	No Grade Entered

Dual Credit Grade Conversion Examples:

A dual credit college grade of 93 will be input as a 93 on the high school transcript.

A dual credit college grade from 60-69 will be input as a 70 on the high school transcript.

Transition to College After High School

Successfully completing college credit in high school helps many students make the transition to college life after high school. Students will have the opportunities to take college core courses or work toward completion of an Associate Degree. Academic dual credit courses are accepted by public colleges and universities and *most* private & out-of-state institutions to which Navarro students transfer as part of their core curriculum. All State college and university transfer information can be located at the following link: [Texas Common Course Numbering Matrix](#)

Grade Checks

The Department of Postsecondary Readiness at Ennis High School has established a system of bi-weekly grade checks for dual credit students, which are conducted by our dual credit teachers and/or our dual credit proctors. Students who are failing their college course(s) will have time during the dual credit course to catch up on missing work, and/or seek help to remedy their situation to a passing grade. Some students may be asked to contact their professor for clarification or technical help. Since there are no progress reports sent home in dual credit courses, due to FERPA regulations, dual credit students and parents are encouraged to work together to view grades online via Canvas, the Navarro College platform for online classes and grade management.

Dual Credit Probation

Students who show a pattern of failing and/or dropping dual credit college courses may be subject to dual credit academic probation. The decision to place dual credit students on academic probation may be determined by Ennis High School staff, Navarro College staff, or jointly by both of the entities. Dual credit academic probation is a period of time when a student will not be permitted to enroll in a dual credit course due to his or her academic performance. Students on academic probation may be allowed to retake dual credit courses they failed, as determined by the organization assigning the academic probation. Students need to know their college grades will follow them for the rest of their lives, so it is important to earn passing college grades to keep a strong grade point average and graduate on time from college and high school. Students may request an appeal to the academic probation by writing to the organization who originally assigned the probation, within 10 days of receiving the first notice of the probation. The final decision made by either the Ennis ISD staff or the Navarro College staff will stand in the best interest of the student's academic record.

Dual Credit Course Syllabus

Each dual credit course is required to have a syllabus (course guide) supplied by the professor. The syllabus will provide a detailed account of required textbook(s), online access codes, quiz and test dates, and other important information the student will need to know. Reading the entire syllabus is a must within the first 1-2 days of the course beginning.

LOCAL CREDIT

Some courses are not among the state-required courses and will only receive local credit. If a class is local credit, it will be noted in the course description, and it will not count as credit toward graduation.

Such as, but not limited to, the following courses:

- Office aide
- Library aide
- Counselor aide
- UIL Courses
 - Robotics
 - Math
 - Science
- Reading Enrichment
- EOC Intervention
 - Math
 - English
 - Science
 - Social Studies
- Student Leadership (Student Council)

COURSE OFFERINGS (NON-CTE)

Table of Contents

Core Subjects

English Language Arts	p. 25
Math	p. 33
Science	p. 39
Social Studies	p.45

Languages Other Than English (LOTE)

Spanish	p. 51
---------------	-------

Other

Community and Campus Service	p. 54
------------------------------------	-------

Health and Wellness

Physical Education and Health	p. 57
Athletics	p. 60

Fine Arts

Art.....	p. 63
Theater	p. 68
Music	p. 71
Dance	p. 74

English Language Arts

Course Name	High School Credits	College Credit Hours	Grade Levels	Prerequisites
Regular				
English I	1	n/a	9	None
English II	1		10	English I
English III	1		11	English II
English IV	1		12	English III
HB5 College Preparatory English	1		12	English III & Not TSI Reading Ready
Professional Communications	0.5		9-12	None
Debate I	1.0		9-12	UIL Debate Participation & UIL Sponsor Recommendation
Advanced Journalism: Yearbook I, II, III	1		10-12	Yearbook Teacher Approval
Basic Reading I & II	1		9-10	Counselor Recommendation
Reading Enrichment	1 (local)		9	Counselor Recommendation
Reading Intervention	0.5-1 (local)		10-12	Counselor Recommendation
Honors				
English I Honors	1	n/a	9	None
English II Honors	1		10	English I
Advanced Placement (AP)				
AP English Language and Composition (English III)	1	see note below**	11	English II
AP English Literature and Composition (English IV)	1		12	English III
Dual Credit*				
Professional Communication SPCH 1315	0.5	3	9-12	Meet TSI requirements in Reading and Writing
Business & Professional Communication SPCH 1321	0.5	3	9-12	Meet TSI requirements in Reading and Writing
Composition & Rhetoric I - ENGL 1301	0.5	3	11-12	Meet TSI requirements in Reading and Writing
Composition & Rhetoric II - ENGL 1302	0.5	3	11-12	College English 1301
British Literature I - ENGL 2322	0.5	3	12	College English 1301 & 1302
British Literature II - ENGL 2323	0.5	3	12	College English 1301 & 1302
Technical and Business Writing ENGL 2311	0.5	3	11-12	College English 1301
English as a Second Language (ESL)				
English for Speakers of Other Languages I, II	1	n/a	9-12	LPAC & Counselor Recommendation
English for Non-English Speakers	1 (local)		9-12	LPAC & Counselor Recommendation

*dual credit courses are offered through Navarro College in Waxahachie, so for more info visit www.navarrocollege.edu

**college credit for Advanced Placement courses is determined by each individual college/university

English I

Course number – 1101

Grade Placement: 9 ENG 1

GPA Level: 2

Credit: 1 TEA code: 03220100

Prerequisite: None

This course places an emphasis on learning the parts of speech, parts of the sentence, proper mechanics, and usage. Literature study includes the reading of short stories, biographies, poetry, and novels. Students are introduced to techniques of writing necessary for various purposes. Reading for thematic connection across genre and in visual media is encouraged.

English II

Course number – 1200

Grade Placement: 10 ENG II

GPA Level: 2

Credit: 1 TEA code: 03220200

Prerequisite: English I

English II places an emphasis on the writing process and on literary interpretation. Students practice writing in a variety of formats, including but not limited to expository, persuasive, classificatory, and reflective. Emphasis is placed on the reading, vocabulary, and writing required for success. Students read a variety of literary genres: short stories, nonfiction, essays, poetry, novels, and drama.

English III

Course number – 1300

Grade Placement: 11 ENG 3

GPA Level: 2

Credit: 1 TEA code: 03220300

Prerequisite: English II

English III involves an intense study of literature, composition, and language integrated through a survey of American literature. Writing focuses on the multi- paragraph essay in a variety of modes with the addition of creative writing assignments. Students master the rudiments of research skills through the writing of the term paper. This course includes intensive review of punctuation, grammar, usage, and spelling.

English IV

Course number – 1400

Grade Placement: 12 ENG 4

GPA Level: 2

Credit: 1 TEA code: 03220400

Prerequisite or concurrent credit: English III

This course is designed to give senior students a general review of the skills emphasized in English. Students encounter an intensive review of grammar, spelling, and a variety of writing techniques necessary for success on SAT exams, ACT exams, and fundamental life skills. The literature includes a survey of the English language and British literature including novels, short stories, essays, plays, and poems, connecting English history to the style of writings popular during the various years. Students will also demonstrate effective research skills.

HB5 College Preparatory Course: English Language Arts and Reading

Course number – 1425

Grade Placement: 12 CPELA

GPA Level: 2

Credit: 0.5 TEA Code: CP110100

Prerequisite: English III & Counselor approval

This course is designed to increase the college readiness of current high school students in English Language Arts. The ten Student Learning Objectives (SLO's) as defined by the state of Texas for indicating college readiness in English (Integrated Reading and Writing). In addition, this course aligns with the Texas College and

Career Readiness Standards (CCRS) in the areas of writing, reading, and research. Successful completion of this course qualifies a student for a one year exemption from TSI testing within the Region 10 Education Service Center partnering school group. Students must have a minimum overall average of 70 in the course to earn the TSI waiver in reading and writing for the participating Region 10 colleges. Navarro College requires a minimum grade of 75 in the course to earn the TSI waiver for reading and writing. This course is eligible for satisfying ELAR graduation requirements only for students who entered high school in 2014-2015 or later. More information on this college prep course and participating colleges can be found on the Career and College page via the www.ennis.k12.tx.us website.

Professional Communications

Course number – 1502

Grade Placement: 9-12 PROFCOMM

GPA Level: 2

Credit: 0.5 (one semester) TEA code: 13009900

Prerequisite: none. 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.

Debate I

Course number – 1525

Grade Placement: 9-12 DEBATE 1

GPA Level: 2

Credit: 1 TEA code: 03240600

Prerequisite: UIL Debate Team and UIL Sponsor or Counselor Recommendation

The debate course provides instruction on all forms of debate, including the standard Lincoln/Douglas style. Students will be provided opportunities in cross question techniques, case construction, refutation, and presentation of debate. Presenting written and oral critiques of debate will be included.

Advanced Journalism: Yearbook I

Course number – 9046

Grade Placement: 10-12 YRBKMAG1

GPA Level: 2

Credit: 1 TEA code: 03230110

Prerequisite: Teacher Approval

Advanced journalism is designed for journalism students who display a high degree of skill and motivation in the area of yearbook production. Students practice advanced journalism skills and leadership abilities by creating the school yearbook. They develop advanced and specialized skills in at least one of the following areas: photography, editing/reporting, advanced writing, or layout designing skills.

Advanced Journalism: Yearbook II

Course number – 9047

Grade Placement: 10-12 YRBKMAG2

GPA Level: 2

Credit: 1 TEA code: 30230120

Prerequisite: Teacher Approval

Advanced journalism is designed for journalism students who display a high degree of skill and motivation in the area of yearbook production. Students practice advanced journalism skills and leadership abilities by creating the school yearbook. They develop advanced and specialized skills in at least one of the following areas: photography, editing/reporting, advanced writing, or layout designing skills.

Advanced Journalism: Yearbook III

Course number – 9048

Grade Placement: 10-12 YRBKMAG3

GPA Level: 2

Credit: 1 TEA code: 30230130

Prerequisite: Teacher Recommendation

Students in Yearbook or Literary Magazine Production II and III courses must assume the responsibilities of creating, designing, and completing advanced yearbook projects for the production of the yearbook. Students will specialize in at least one of the following areas: photography, editing/reporting, business management/advertising, typesetting, or layout and design. Projects are designed in the area of specialization. Students will also be expected to be responsible for the directing of activities of other students involved in their project(s).

Basic Reading I

Course number - 1206

Grade Placement: 9, 10 READ1

GPA Level: 2

Credit: 1 TEA code: READ1 - 03270700

Prerequisite: Counselor Recommendation

Reading is a one or two semester course for those students who struggle with basic reading competencies. Emphasis is placed on using specific reading strategies to increase skills in comprehension, vocabulary development, fluency and reference usage. Instruction is differentiated and tailored to the individual needs of each student. The model includes experiences in whole and small group instruction, independent reading, and technology-based learning. This course is intended for remediation in reading. This course does not meet or replace graduation requirements for English I, II, III, or IV.

Basic Reading II

Course number - 1207

Grade Placement: 9, 10 READ2

GPA Level: 2

Credit: 1 TEA code: READ 2 - 03270800

Prerequisite: Counselor Recommendation

Reading is a one or two semester course for those students who struggle with basic reading competencies. Emphasis is placed on using specific reading strategies to increase skills in comprehension, vocabulary development, fluency and reference usage. Instruction is differentiated and tailored to the individual needs of each student. The model includes experiences in whole and small group instruction, independent reading, and technology-based learning. This course is intended for remediation in reading. This course does not meet or replace graduation requirements for English I, II, III, or IV.

Reading Enrichment

Course number –

Grade Placement: 9-10 READENRCH

GPA Level: 1

Credit: 1 (local) TEA code: 84000EOC

Prerequisite: Counselor Recommendation

This course is for those students who showed signs of struggling with basic reading competencies in the 8th grade. Emphasis is placed on using specific reading strategies to increase skills in comprehension, vocabulary development, fluency and reference usage. Instruction is differentiated and tailored to the individual needs of each student. This course is intended to supplement and prepare students for the English I and II End-of-Course exams.

Reading Intervention

Course number – 9068

Grade Placement: 10-12 READINTERV

GPA Level: 0.5-1

Credit: 0.5-1 (local) TEA code: 84000EOC

Prerequisite: Counselor Recommendation

This course is designed for those students who showed signs of struggling with basic reading competencies and need additional support. Emphasis is placed on using specific reading strategies to increase skills in comprehension, vocabulary development, fluency and reference usage. Instruction is differentiated and tailored to the individual needs of each student. This course is intended for remediation in reading related to the English I and II End-of-Course exams.

English I Honors

Course number – 1109

Grade Placement: 9 ENG 1 HONORS

GPA Level: 3

Credit: 1 TEA code: 03220100

Prerequisite: None

English I Honors is designed to begin an advanced study of literature, composition, and language for academically talented students. The fundamental aim is to incorporate higher level thinking skills and awareness of literary techniques used in various literary genres. Special emphasis is placed on the study of techniques utilized in a variety of texts. Student is responsible for summer reading and/or writing projects.

English II Honors

Course number – 1209

Grade Placement: 10 ENG II HONORS

GPA Level: 3

Credit: 1 TEA code: 03220200

Prerequisite: English I

English II Honors places an emphasis on creating a writing style through skillful manipulation of sentence patterns and diction. Techniques of logic and persuasion are analyzed to aid the students at becoming adept at critical thinking required for the subsequent AP courses. Students read a variety of literary genres: short stories, nonfiction, essays, poetry, novels, and drama. Student is responsible for summer reading and/or writing projects.

AP English Language and Composition

Course number – 1301

Grade Placement: 11 APENGLAN

GPA Level: 4

Credit: 1 TEA code: A3220100

Prerequisite: English II

AP English III- Language and Composition is a college level course in both effective writing and critical reading. Students embrace their critical reading proficiency through a study and analysis of the types and techniques of writing used by significant American writers. The course stresses a connection between the reading and writing of mature prose and poetry. Focus is placed on the use of correct language, syntax, and organizational skills. The goal of this course is to enable students to demonstrate their achievement in college-level work by successfully completing the Advanced Placement English Exam in English Language and Composition administered by the Educational Testing Services for the College Board in May of each year. Student is responsible for summer reading and/or writing projects.

AP English Literature and Composition

Course number – 1401

Grade Placement: 12 APENGLIT

GPA Level: 4

Credit: 1 TEA code: A32220200

Prerequisite: English III

AP English Literature and Composition is a college level course emphasizing the development of skills in critical reading and analysis of literature. Students will employ the various stages of the writing process, refining their writing styles to exhibit unity, clarity, and coherence as they write and critique various types of prose and poetry.

The literature portion of this course traces the development of the English language from Old English to Modern English, with an additional analysis of World Literature. The course also emphasizes SAT vocabulary prep. The goal of this course is to enable students to demonstrate their achievement in college-level work by taking the Advanced Placement English Examination in Literature and Composition administered by the Educational Testing Service for the College Board in May of each year. Student is responsible for summer reading and/or writing projects.

Professional Communications - Speech 1315 (dual credit)

Course number – 1509

Grade Placement: 9-12 COMMAPP

GPA Level: 4

Credit: 0.5 TEA code: 03241400

Prerequisite: Counselor approval and meet dual credit eligibility requirements

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.

Business and Professional Communications - Speech 1321 (dual credit)

Course number -

Grade Placement: 9-12 COMMAPP

GPA Level: 4

Credit: 0.5 TEA code: 03241400

Prerequisite: Counselor approval and meet dual credit eligibility requirements

Study and application of communication within the business and professional context. Special emphasis will be given to communication competencies in presentations, dyads, teams and technologically mediated formats.

Composition and Rhetoric I - English 1301 (English III or IV dual credit)

Course number – 1307 (11th), 1403 (12th)

Grade Placement: 11 or 12 ENG3 or ENG4

GPA Level: 4

Credit: 0.5 (one semester) TEA code: English III - 03220300; English IV - 03220300

College Credit Hours: 3

Prerequisite: English II, eligibility met for dual credit.

English 1301 includes a study of grammatical and rhetorical principles as applied in written composition, study of nature and function of language, and study of rhetorical modes as description, narration, process, comparison, contrast, definition, classification, persuasion, argument, and critical review. This course satisfies one semester of English III credit.

Composition and Rhetoric II - English 1302 (English III or IV dual credit)

Course number – 1308 (11th), 1408 (12th)

Grade Placement: 11 or 12 ENG3 or ENG4

GPA Level: 4

Credit: 0.5 (one semester) TEA code: English III - 03220300; English IV - 03220300

College Credit Hours: 3

Prerequisite: English 1301; eligibility met for dual credit.

English 1302 is a more complex study of rhetorical principles developing the critical essay and formal research paper. Selected readings used as a springboard for writing include poetry, short story and drama. This course satisfies one semester of English III or English IV credit for high school.

British Literature I - English 2322 (English IV dual credit)

Course number –

Grade Placement: 12 ENG 4

GPA Level: 4

Credit: 0.5 (one semester) TEA code: 03220400

College Credit Hours: 3

Prerequisite: Dual credit ENGL 1301 and ENGL 1302, eligibility met for dual credit.

English 2322 includes a survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century to which students will study prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. This course satisfies one semester, the fall semester, of English IV credit.

British Literature II - English 2323 (English IV dual credit)

Course number –

Grade Placement: 12 ENG 4

GPA Level: 4

Credit: 0.5 (one semester) TEA code: 03220400

College Credit Hours: 3

Prerequisite: ENGL 1301, 1302, & 2322, eligibility met for dual credit.

English 2323 includes a survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century to which students will study prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. This course satisfies one semester of English IV credit.

Technical and Business Writing - English 2311 (English IV dual credit)

Course number –

Grade Placement: 12 ENG 4

GPA Level: 4

Credit: 0.5 (one semester) TEA code: 03220400

College Credit Hours: 3

Prerequisite: ENGL 1301; eligibility met for dual credit.

English 2311 is a study of writing practice in professional settings focusing on the types of documents necessary to make decisions; taking action on the job, such as proposals, reports, instructions, policies and procedures, e-mail messages, letters, and descriptions of products and services; and practicing individual and collaborative processes involved in the creation of ethical and efficient documents. This course satisfies one semester of English IV credit, and is usually taken after ENGL 2322 for students who are not majoring in English.

English for Speakers of Other Languages I

Course number – 1102

Grade Placement: 9-12 ESOL1

GPA Level: 2

Credit: 1 TEA code: 03200600

Prerequisite: Counselor Approval & LPAC Committee Placement

These courses develop an understanding of basic core vocabulary, expressions and American customs.

Emphasis is placed on acquisition of English through participation in numerous and varied language and cultural experiences in addition to direct, formal teaching of skills and structures in English. Students will gain competence in listening, speaking, reading and writing. ESOL I may be substituted for English I for recent immigrants only.

English for Speakers of Other Languages II

Course number – 1202

Grade Placement: 9-12 ESOL2

GPA Level: 2

Credit: 1 TEA code: 03200700

Prerequisite: Counselor Approval & LPAC Committee Placement

These courses develop an understanding of basic core vocabulary, expressions and American customs. Emphasis is placed on acquisition of English through participation in numerous and varied language and cultural experiences in addition to direct, formal teaching of skills and structures in English. Students will gain competence in listening, speaking, reading and writing. ESOL II may be substituted for English II for recent immigrants only.

English for Non-English Speakers

Course number – 4506

Grade Placement: 9-12 ENGNES

GPA Level: 2

Credit: 1 (local) TEA code: 85000SOL

Prerequisite: Counselor Approval & LPAC Committee Placement

This is a class for beginning ESL students, typically who are also new to the country. The main focus is student's language development. Basic English literacy skills are practiced to develop the student's phonemic awareness and academic vocabulary. This course is usually taken concurrently with ESOL I or II, a decision recommended by the LPAC committee.

Mathematics				
Course Name	High School Credits	College Credit Hours	Grade Levels	Prerequisites
Regular				
Algebra I	1	n/a	8-9	Mathematics Grade 8 or its equivalent
Geometry	1		9-12	Algebra I
Algebraic Reasoning	1		10-12	Algebra I
Math Models w/ App.	1		10-11	Algebra I
Algebra II	1		10-12	Algebra I
Advanced Quantitative Reasoning	1		11-12	Algebra II, Geometry
Precalculus	1		11-12	Algebra I, Algebra II, Geometry
Precalculus Honors	1		11-12	Algebra I, Algebra II, Geometry
College Preparatory Math	1		12	Counselor Approval & TSI Math < 350
Advanced Independent Study in Mathematics	1		11-12	Algebra II
UIL Math	1 (local)		9-12	UIL Sponsor Recommendation
EOC Math Intervention	1 (local)		10-12	Counselor Recommendation
Honors				
Geometry Honors	1	n/a	9-10	Algebra I
Algebra II Honors	1		10-11	Algebra I & Geometry
Precalculus Honors	1		11-12	Algebra II (Honors recommended)
Advanced Placement (AP)				
AP Calculus AB	1	TBD**	12	Precalculus (Honors recommended)
AP Statistics	1	TBD**	11-12	Algebra II, Geometry
Dual Credit*				
College Algebra (MATH 1314)	0.5	3	11-12	High school Algebra II, plus meet eligibility requirements for dual credit math (Algebra I EOC = 4000 or greater; or TSI Math score of 350 or higher)
Elem. Statistical Methods (MATH 1342)	0.5	3	11-12	
Math for Business and Social Sciences (MATH 1324)	0.5	3	11-12	
Plane Trigonometry (MATH 1316)	0.5	3	11-12	High school Algebra II, plus college MATH 1314
Calculus for Business and Social Sciences (MATH 1325)	0.5	3	11-12	High school Algebra II, plus college MATH 1314 or MATH 1324

*dual credit courses are offered through Navarro College Waxahachie, for more info visit www.navarrocollege.edu

**college credit for passing an AP exam is determined by each individual college/university

Algebra I

Course number – 2100

Grade Placement: 8-9

ALG 1

GPA Level: 2

Credit: 1

TEA code: 03100500

Prerequisite: None

Algebra I is an in-depth study of the beginning algebraic concepts and techniques used in solving for unknowns. This course introduces the student to the order of operations, the simplification of polynomials and radicals, the simplifications of algebraic fractions, the solution of quadratic equations, and the application of algebraic properties to the solution of stated problems.

Geometry

Course number – 2200

Grade Placement: 9-12

GEOM

GPA Level: 2

Credit: 1

TEA code: 03100700

Prerequisite: Algebra I

This course develops an understanding of the structure of a mathematical system connecting definitions, postulates, theorems, logical reasoning, transformations, proofs, and coordinate geometry.

Algebraic Reasoning

Course number – 2145

Grade Placement: 10-11

ALGRE A

GPA Level: 2

Credit: 1

TEA code: 3102540

Prerequisite: Algebra I

This course builds upon the skills learned in Algebra I by continuing the development of mathematical reasoning, broadening the knowledge of functions and relationships, and preparing students for studies in subsequent math courses. This course is able to be used as either a 3rd or 4th math credit, taken between Algebra I and Geometry, for students on the Foundation plan, depending upon the endorsement selection.

Math Models with Applications

Course number – TBD

Grade Placement: 11-12

GPA Level: 2

Credit: 1

TEA code: 3102540

Prerequisite: Algebra I

This course builds upon the skills learned in Algebra I by continuing the development of mathematical reasoning, broadening the knowledge of functions and relationships, and preparing students for studies in subsequent math courses. This course is able to be used as either a 3rd or 4th math credit for students on the Foundation plan, depending upon the endorsement selection.

Algebra II

Course number – 2300

Grade Placement: 9-12

ALG 2

GPA Level: 2

Credit: 1

TEA code: 03100600

Prerequisite: Algebra I, Geometry

Algebra II includes the study of more advanced algebraic concepts and techniques such as matrices, complex numbers and logarithms, as well as reinforcement of the basic algebra skills introduced in Algebra I.

Advanced Quantitative Reasoning

Course number – 2303

Grade Placement: 11-12 ADQUANR

GPA Level: 2

Credit: 1 TEA code: 03102510

Prerequisite: Algebra II

Students will develop and apply skills necessary for college, careers, and life. Course content consists primarily of applications of high school mathematics concepts to prepare students to become well educated and highly informed 21st century citizens. Students will develop and apply reasoning, planning, and communication to make decisions and solve problems in applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics.

Precalculus

Course number – 2400

Grade Placement: 11-12 PRE-CALC

GPA Level: 2

Credit: 1 TEA code: 03101100

Prerequisite: Algebra II, Geometry

Pre-Calculus is a course designed to prepare students for college level math. The course covers such topics as functions, graphs, analytic geometry, trigonometry, discrete mathematics, and data analysis. There will be extensive use of graphing calculators in this class.

College Preparatory Mathematics

Course number – 2130

Grade Placement: 12 CPMAT

GPA Level: 2

Credit: 1 TEA Code: CP111200

Prerequisite: Counselor approval

Topics in this course include real numbers, symbolic representation, graphing linear equations, basic Geometry, rational expressions and equations, and functions. Calculator use is limited. Successful completion of this course, and a minimum final grade of 70, qualifies a student for a one-year waiver from the mathematics TSI requirement within the Region 10 Education Service Center partnering school group. Navarro College requires a final minimum grade of 75 to earn the TSI waiver in math. More information on this college prep course and participating colleges can be found on the Career and College page via the www.ennis.k12.tx.us website.

Advanced Independent Study for Mathematics

Course number –

Grade Placement: 11-12 INSTUMTH

GPA Level: 3

Credit: 1 TEA code: 03102501

Prerequisite: Algebra II and Geometry

Students will extend their mathematical understanding at a college level in a specific area of mathematics such as theory of equations, number theory, non-Euclidean geometry, linear algebra, advanced theory of mathematics, or history of mathematics.

UIL Math

Course number – 9151

Grade Placement: 9-12 UILMATH

GPA Level: 1

Credit: 0.5-1.0 (local) TEA code: 85000UIL

Prerequisite: UIL Sponsor Recommendation

This math course is designed to provide enrichment in the field of math in order to prepare students for UIL competitions.

EOC Math Intervention

Course number – 9062 (10th), 9069 (11th), 9070 (12th)

Grade Placement: 10-12 EOCMATH

GPA Level: 1

Credit: 0 (local) TEA code: local code

Prerequisite: Counselor Recommendation

This math course is designed to provide supplemental math instruction in the form of intervention and scaffolding for students who need to pass the Algebra I End Of Course exam in order to graduate. This course is a local credit, therefore it will not count towards the credits in the foundation high school plan, but it will appear on the students' transcript.

Geometry Honors

Course number – 2009

Grade Placement: 9-10 GEOM HONORS

GPA Level: 3

Credit: 1 TEA code: 03100700

Prerequisite: Algebra I

This course develops an understanding of the structure of a mathematical system connecting definitions, postulates, theorems, logical reasoning, transformations, proofs, and coordinate geometry. The Honors course extends the content of Geometry by preparing students for AP mathematics courses.

Algebra II Honors

Course number – 2309

Grade Placement: 9-11 ALG 2 HONORS

GPA Level: 3

Credit: 1 TEA code: 03100600

Prerequisite: Algebra I, Geometry

Algebra II includes the study of more advanced algebraic concepts and techniques such as matrices, complex numbers and logarithms, as well as reinforcement of the basic algebra skills introduced in Algebra I. In the Honors course, concepts are taught on a more abstract level. There is a greater emphasis on appreciation of the relationships in mathematics.

Precalculus Honors

Course number – 2401

Grade Placement: 11-12 PRECALC

GPA Level: 3

Credit: 1 TEA code: 03101100

Prerequisite: Algebra II, Geometry

Pre-Calculus is a course designed to prepare students for college level math. The course covers such topics as functions, graphs, analytic geometry, trigonometry, discrete mathematics, and data analysis. There will be extensive use of graphing calculators in this class. The Honors course is designed for the serious math student who intends to continue on to Calculus or pursue a related field requiring math in college. Concepts are taught on a more abstract level and at a faster pace.

AP Calculus AB

Course number – 2502

Grade Placement: 12 APCALCAB

GPA Level: 4

Credit: 1 TEA code: A3100101

Prerequisite: Pre-Calculus

Calculus introduces students to both differential and integral calculus. The student will develop the derivative and integral formulas and will apply these formulas to both algebraic and transcendental functions and their

applications. It is an expectation that each student enrolled in this course will take the Advanced Placement test in May. Students who score a 3 or higher on the AP Calculus AB exam will earn college credit. College credit is based on the AP grade policy of each higher education institution.

AP Statistics

Course number – 2503

Grade Placement: 11-12 AP STATISTICS

GPA Level: 4

Credit: 1

TEA code: A3100200

Prerequisite: Algebra II

This college level math course will cover descriptive statistics, inferential statistics, probability and design.

Topics include real-world business application. Students are expected to participate in the AP examination.

Students who score a 3 or higher on the AP Statistics exam in May can earn college credit. College credit is based on the AP grade policy of each higher education institution.

College Algebra - MATH 1314 (dual credit)

Course number – 2500

Grade Placement: 11-12 INSTUMATH

GPA Level: 4

Credit: 0.5 (one semester)

TEA code: 03102500

College Credit Hours: 3

Prerequisite: High school Algebra II, and must meet math TSI eligibility for dual credit.

This course provides a foundation for further studies in mathematics. Topics include linear equations and inequalities, second degree relations and functions, polynomial functions, rational functions, exponential and logarithmic functions, systems of equations and inequalities, matrices and determinants and sequence and series.

Elementary Statistical Methods - MATH 1342 (dual credit)

Course number – 2115

Grade Placement: 11-12 STATS

GPA Level: 4

Credit: 0.5 (one semester)

TEA code: 03102530

College Credit Hours: 3

Prerequisite: High school Algebra II, and must meet math TSI eligibility requirements for dual credit.

This course covers presentation and interpretation of data, probability, sampling, correlation and regression, analysis of variance, and the use of statistical software.

Math for Business and Social Sciences - MATH 1324 (dual credit)

Course number –

Grade Placement: 11-12 INSTUMTH

GPA Level: 4

Credit: 0.5 (one semester)

TEA code: 03102500

College Credit Hours: 3

Prerequisite: High school Algebra II, and must meet math TSI eligibility for dual credit.

The application of common algebraic functions including polynomial exponential logarithmic and rational to problems in business economics and the social sciences are addressed. The applications include mathematics of finance including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability including expected value.

Plane Trigonometry - MATH 1316 (dual credit)

Course number – 2501

Grade Placement: 11-12 INSTUMTH

GPA Level: 4

Credit: 0.5 (one semester) TEA code: 03102500

College Credit Hours: 3

Prerequisite: MATH 1314 and must meet math TSI eligibility for dual credit.

Topics Include an in-depth study and applications of trigonometry including definitions identities inverse functions solutions of equations graphing and solving triangles. Additional topics such as vectors polar coordinates and parametric equations may be included.

Calculus for Business and Social Sciences - MATH 1325 (dual credit)

Course number –

Grade Placement: 11-12 INSTUMTH

GPA Level: 4

Credit: 0.5 (one semester) TEA code: 03102500

College Credit Hours: 3

Prerequisite: Must meet eligibility for dual credit.

This course is the basic study of limits and continuity differentiation optimization and graphing and integration of elementary functions with emphasis on applications in business economics and social sciences.

Science				
Course Name	High School Credits	College Credit Hours	Grade Levels	Prerequisites
Regular				
Biology	1	n/a	9-10	None
Integrated Physics & Chemistry	1		9-10	None
Chemistry	1		10-11	Biology, Algebra I
Physics	1		11-12	Algebra II, Chemistry
Environmental Systems	1		9-12	Biology, Chemistry
Earth and Space Science	1		11-12	Biology and Physics or Chemistry
Anatomy and Physiology	1		11-12	Biology, Chemistry
UIL Science	1 (local)		9-12	UIL Sponsor Recommendation
Biology EOC Intervention	1 (local)		10-12	Counselor Recommendation
Honors				
Biology Honors	1	n/a	9	None
Chemistry Honors	1		10	Biology, Algebra I
Advanced Placement (AP)				
AP Biology	1	see note below*	11-12	Biology, Chemistry
AP Chemistry	1		11-12	Biology, Chemistry
AP Physics I	1		11-12	Physics recommended
AP Environmental Science	1		11-12	Successful completion of Algebra I, Biology and Chemistry
Dual Credit**				
Biology I for Science Majors (BIOL 1406)	0.5	4	11-12	Must pass Reading & Writing TSI
Biology II for Science Majors (BIOL 1407)	0.5	4	11-12	
Biology I for Science Non-Majors (BIOL 1408)	0.5	4	11-12	
Biology II for Science Non-Majors (BIOL 1409)	0.5	4	11-12	
Anatomy and Physiology I (BIOL 2401)	0.5	4	11-12	
Anatomy and Physiology II (BIOL 2402)	0.5	4	11-12	

* college credit earned in an Advanced Placement courses is determined by the policies of individual colleges/universities

** dual credit courses are offered through Navarro College Waxahachie, for more info visit www.navarrocollege.edu

Biology

Course number – 3100

Grade Placement: 9-10 BIO

GPA Level: 2

Credit: 1 TEA code: 03010200

Prerequisite: None

Students will learn the fundamental principles of biology from a molecular to a cellular to an organism level. This will include studies of cell structure and function, genetics, evolution, a taxonomic survey of the kingdoms, microorganisms, plants, invertebrates, and human biology.

Integrated Physics and Chemistry

Course number – TBD

Grade Placement: 9-10 IPC

GPA Level: 2

Credit: 1 TEA code: 03060201

Prerequisite: None

This course is an introduction to science, including the study of force, energy, motion, chemistry, and the fundamentals of laboratory technique. It may not be taken after chemistry or with chemistry. IPC must be taken prior to Chemistry and Physics in order to count for the Recommended High School Program.

Chemistry

Course number – 3200

Grade Placement: 10-12 CHEM

GPA Level: 2

Credit: 1 TEA code: 03040000

Prerequisite: Biology, Algebra I

Students will investigate how chemistry is an integral part of our daily lives by studying a variety of topics such as: characteristics of matter, atomic structure, bonding, and chemical reactions.

Physics

Course number – 3300

Grade Placement: 11-12 PHYSICS

GPA Level: 2

Credit: 1 TEA code: 03050000

Prerequisite: Chemistry, Algebra I, Geometry, and completion of or concurrent enrollment in Algebra II

Physics combines math, science, and critical thinking to explain the physical universe. Find out how things work and why things happen: waves, radios, Six Flags rides, car crashes, lasers, lightning, lenses, video tape, cannon balls, atomic bombs, ice skating, motors, and octopi.

Environmental Systems

Course number – 3404

Grade Placement: 9-12 ENVIRSYS

GPA Level: 2

Credit: 1 TEA code: 03020000

Prerequisite: none

Laboratory and field investigations are conducted using scientific methodology. Studies include: biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, and changes in environments.

Earth and Space Science

Course number – 3220

Grade Placement: 11-12 ESS

GPA Level: 2

Credit: 1 TEA code: 03060200

Prerequisite: Biology and Physics or Chemistry

Earth and space science strands. ESS has three strands used throughout each of the three themes: systems, energy, and relevance. (A) Systems. A system is a collection of interacting physical, chemical, and biological processes that involves the flow of matter and energy on different temporal and spatial scales. (B) Energy. The uneven distribution of Earth's internal and external thermal energy is the driving force for complex, dynamic, and continuous interactions and cycles in Earth's subsystems. (C) Relevance. The interacting components of Earth's system change by both natural and human influenced processes.

Anatomy and Physiology

Course number – 3403

Grade Placement: 11-12 ANATPHYS

GPA Level: 2

Credit: 1 TEA code: 13020600

Prerequisite: Biology, Chemistry

Anatomy and Physiology is a course geared to those students with an interest in medical, dental, or other health care careers. It includes an in-depth study of the human body's organ systems. The second semester focuses on practical application of anatomical knowledge through lab experiences that include detailed dissection. This course is extremely helpful for any students who are considering a health-related career.

Biology Honors

Course number – 3109

Grade Placement: 9 BIO HONORS

GPA Level: 3

Credit: 1 TEA code: 03010200

Prerequisite: None

Students will learn the fundamental principles of biology from a molecular to a cellular to an organism level. This will include studies of cell structure and function, genetics, evolution, a taxonomic survey of the kingdoms, microorganisms, plants, invertebrates, and human biology. The Honors course prepares students for future success in life science AP courses.

Chemistry Honors

Course number – 3209

Grade Placement: 10 CHEM HONORS

GPA Level: 3

Credit: 1 TEA code: 03040000

Prerequisite: Biology, Algebra I (recommended grade of 80 in Algebra due to high math content)

This is chemistry for the college-bound student who has a college chemistry requirement for his/her degree. The topics covered will be the same as those encountered in freshmen college-level chemistry: thermodynamics, equilibrium, periodic law, gas laws, and molecular models. This course prepares students for future success in physical science AP courses.

AP Biology

Course number – 3400

Grade Placement: 11-12 AP BIO

GPA Level: 4

Credit: 1 TEA code: A3010200

Prerequisite: Biology, Chemistry

The AP Biology curriculum includes cells, biological chemistry, energy formations, genetics, heredity, organisms and populations, as well as plants, animals, and ecology. We will do extensive laboratory activities which include analysis of a forensic gel electrophoresis, spooling out the DNA from living material, and an ecological habitat study at a state park. This course will better prepare the students with college-level writing skills, and acquisition of facts, concepts, theories, and an opportunity to analyze and evaluate experiments preparing them for college and the AP Biology exam.

AP Chemistry

Course number – TBD

Grade Placement: 11-12 AP CHEM

GPA Level: 4

Credit: 1 TEA code: A3040000

Prerequisite: Biology, Chemistry

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics and equilibrium.

AP Physics I

Course number – 3302

Grade Placement: 11-12 APPHYS1

GPA Level: 4

Credit: 1 TEA code: A3050003

Prerequisite: Physics recommended

AP Physics I is designed to prepare students to take the Advanced Placement Physics I test. This challenging course will give the student a chance to combine his/her math and science skills, as well as an opportunity to develop the study and logic skills necessary for success at the university level. AP Physics is beneficial for anyone serious about pursuing a career in science or engineering.

AP Environmental Science

Course number – 3402

Grade Placement: 11-12 APENVIR

GPA Level: 4.

Credit: 1 TEA code: A3020000

Prerequisite: Algebra I, Biology and Chemistry

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, yet there are several major unifying themes that cut across the many topics included in the study of environmental science. Students are expected to take the Advanced Placement exam.

Biology I for Science Majors - BIOL 1406 (dual credit)

Course number – 3416

Grade Placement: 11-12 SCIRD1

GPA Level: 4

Credit: 0.5

College Credit Hours: 4 TEA code: 13037200

Prerequisite: High school Biology and Chemistry; pass Reading and Writing TSI. General Biology I is a survey course of contemporary biology for students majoring in the sciences. Topics emphasized will include the chemical basis of life, structure and function of cells energy transformations, molecular biology and genetics.

Biology II for Science Majors - BIOL 1407 (dual credit)

Course number – 3417

Grade Placement: 11-12 SCIRD1

GPA Level: 4

Credit: 0.5

College Credit Hours: 4 TEA code: 13037200

Prerequisite: High school Biology and Chemistry; pass Reading and Writing TSI exams. General Biology II is a survey of current biological concepts for students majoring in the sciences. Emphasis will be placed on topics that include evolution, biological diversity, and comparative structure and function of organisms. Provides a survey of

biological principles with an emphasis on humans including chemistry of life, and cell's structure, function, and reproduction. Laboratory activities will reinforce a survey of biological principles with an emphasis on humans including chemistry of life, and a cell's structure, function, and reproduction.

Biology I for Non-Science Majors - BIOL 1408 (dual credit)

Course number – 3401

Grade Placement: 11-12 SCIRD1

GPA Level: 4

Credit: 0.5

College Credit Hours: 4 TEA code: 13037200

Prerequisite: High school Biology and Chemistry; pass Reading and Writing TSI exams. General Biology II is a survey of current biological concepts for students majoring in the sciences. Emphasis will be placed on topics that include evolution, biological diversity, and comparative structure and function of organisms. Provides a survey of biological principles with an emphasis on humans including chemistry of life, and cell's structure, function, and reproduction. Laboratory activities will reinforce a survey of biological principles with an emphasis on humans including chemistry of life, and a cell's structure, function, and reproduction.

Biology II for Non-Science Majors - BIOL 1409 (dual credit)

Course number – 3407

Grade Placement: 11-12 SCIRD1

GPA Level: 4

Credit: 0.5

College Credit Hours: 4 TEA code: 13037200

Prerequisite: High school Biology and Chemistry; pass Reading and Writing TSI exams. General Biology II is a survey of current biological concepts for students majoring in the sciences. Emphasis will be placed on topics that include evolution, biological diversity, and comparative structure and function of organisms. Provides a survey of biological principles with an emphasis on humans including chemistry of life, and cell's structure, function, and reproduction. Laboratory activities will reinforce a survey of biological principles with an emphasis on humans including chemistry of life, and a cell's structure, function, and reproduction.

Anatomy and Physiology I - BIOL 2401 (dual credit)

Course number – 3418

Grade Placement: 11-12 ANATPHYS

GPA Level: 4

Credit: 0.5

College Credit Hours: 4 TEA code: 13037210

Prerequisite: High school Biology and Chemistry; pass Reading and Writing TSI; counselor approval. Must meet eligibility for dual credit human anatomy and physiology are studied using a body systems approach, with emphasis on the relationships between form and function at the gross and microscopic levels. Topics include anatomical and directional terminology, cell and cell chemistry, tissues integumentary system, skeletal system, articulations, muscular system, and nervous system. Laboratory work includes physiological and anatomical studies of mammals.

Anatomy and Physiology II - BIOL 2402 (dual credit)

Course number – 3420

Grade Placement: 11-12 ANATPHYS

GPA Level: 4

Credit: 0.5

TEA code: 13037210

College Credit Hours: 4

Prerequisite: BIOL 2401; counselor approval

Continuation of BIOL 2401: Topics include the endocrine system, cardiovascular system, respiratory system, lymphatic system, digestive system, urinary system, fluids and electrolytes, reproductive system, development, and genetics. Laboratory work includes physiological and anatomical studies of mammals.

UIL Science

Course number – 9152

Grade Placement: 9-12 UILSCIENCE

GPA Level: 1

Credit: 0.5-1.0 (**local**) TEA code: 84800UIL

Prerequisite: UIL Sponsor Recommendation

This UIL Science course is designed to provide enrichment in the field of science and more in order to prepare students for UIL competitions.

EOC Science Intervention

Course number – 9066

Grade Placement: 10-12 EOCSCI

GPA Level: 1

Credit: 0.5-1 (**local**) TEA code: 84100EOC

Prerequisite: Counselor Recommendation

This math course is designed to provide supplemental math instruction in the form of intervention and scaffolding for students who need to pass the Algebra I End Of Course exam in order to graduate. This course is a local credit, therefore it will not count towards the credits in the foundation high school plan, but it will appear on the students' transcript.

Social Studies				
Course Name	High School Credits	College Credit Hours	Grade Level	Prerequisites
Regular				
World Geography	1	n/a	9	None
World History	1		10	None
United States History	1		11	None
Economics: Free Enterprise	0.5		12	None
United States Government	0.5		12	None
Personal Financial Literacy	0.5		10-12	None
Advanced Placement (AP)				
AP Human Geography	1	See note below*	9	None
AP World History	1		10	World Geography; AP Human Geography Recommended
AP United States History	1		11-12	World History; AP World History Recommended
AP Comparative Government & Politics	0.5		12	U.S. History; AP U.S. History Recommended
AP United States Government	0.5		12	
AP Microeconomics	0.5		12	
AP Macroeconomics	0.5		12	
Dual Credit**				
United States History I - HIST 1301	0.5	3	11-12	W. History, and meet Reading and Writing TSI exam requirements
United States History II - HIST 1302	0.5	3	11-12	
Principles of Economics: Macro Economic Theory - ECON 2301	0.5	3	112	U.S. History; and meet Reading and Writing TSI exam requirements
Federal Government GOVT 2305	0.5	3	12	
Texas Government GOVT 2306	0.5	3	12	
Texas History GOVT 2301	0.5	3	12	

* college credit in an AP course is based on a passing AP exam score and by the policies of individual colleges/universities

** dual credit courses are offered through Navarro College Waxahachie, for more info visit <https://www.navarrocollege.edu/>

World Geography

Course number – 4100

Grade Placement: 9

WGEO

GPA Level: 2

Credit: 1

TEA code: 03320100

Prerequisite: None

In World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales from the spatial and ecological perspectives of geography. The course centers on the physical processes that shape patterns in human- environment interaction. Students use this knowledge to analyze how spatial location affects the economic, political, social and environmental systems of a region. Students also use historical and current events to shape their thinking and use problem-solving and decision making skills to ask and answer geographic questions.

World History

Course number – 4200

Grade Placement: 10

WHIST

GPA Level: 2

Credit: 1

TEA code: 03340400

Prerequisite: World Geography

In World History students will study man's development from ancient time to the present. Greece, Rome, Britain, and France will be emphasized because of their contributions to modern American government and philosophy. The development of communist nations will be included in preparation for the student's work in American Government.

United States History

Course number – 4300

Grade Placement: 11

USHIST

GPA Level: 2.

Credit: 1

TEA code: 03340100

Prerequisite: World History

This is a survey course of the history of the United States from reconstruction to the present with emphasis on domestic and foreign affairs, industrialization, westward movement, social and cultural development, and recognizing democratic principles and beliefs while exploring the role of the United States in World War I, World War II, and Vietnam.

United States Government

Course number – 4400

Grade Placement: 12

GOVT

GPA Level: 2.

Credit: 0.5

TEA code: 03330100

Prerequisite: U.S. History

This course offers in-depth coverage of the structure of federal, state, and local governments and builds a solid foundation in the processes of government. It is designed to promote an increased understanding of the institutions of constitutional democracy and stresses student participation and responsibility. The examination of current issues helps students to evaluate, take, and defend positions of issues concerning the disparities found in our diverse culture.

Economics: Free Enterprise

Course number – 4410

Grade Placement: 12

ECO-FE

GPA Level: 2

Credit: 0.5

TEA code: 03310300

Prerequisite: U.S. History

This course introduces students to those principles essential to an understanding of the fundamental economic problems and the choices available for dealing with economic decision-making. It gives students an insight into the

workings of the American free enterprise system, American business, Wall Street, money and banking, government revenue and taxation, unemployment and other components needed for application in their everyday lives.

Personal Financial Literacy

Course number –

Grade Placement: 10-12 PFL

GPA Level: 2

Credit: 0.5

TEA Code 03380082

This elective course will include financial literacy instruction, including instruction on the topics of: earning and saving money, investing money, securing money, and methods of paying for college and other postsecondary education and training.

AP Human Geography

Course number – 4110

Grade Placement: 9 APHUMGEO

GPA Level: 4

Credit: 1

TEA code: A3360100

Prerequisite: None

The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. This course will prepare students to take the AP Human Geography examination.

AP World History

Course number – 4201

Grade Placement: 10 APWHIST

GPA Level: 4

Credit: 1

TEA code: A3370100

Prerequisite: World Geography

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. Students will complete studies equivalent to an introductory college course in world history, and will be prepared to take the AP exam.

AP United States History

Course number – 4301

Grade Placement: 11-12 APUSHIST

GPA Level: 4.

Credit: 1

TEA code: A3340100-P

Prerequisite: World History

Designed to prepare students for the AP exam in American History, this course covers U.S. history from colonial times to the present. This course emphasizes independent reading, class discussion, and analysis. Major themes studied include: slavery, colonial society, westward expansion, industrialization, Native American influences, gender relations, U.S. political evolution, reform movements, and foreign policy.

AP Comparative Government and Politics

Course number –

Grade Placement: 12 APCPGOVT

GPA Level: 4

Credit: 0.5

TEA code: A3330200

Prerequisite: U.S. History

This course introduces students to the rich diversity of political life outside the United States. The course uses a

comparative approach to examine the political structures, policies, and political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

AP United States Government

Course number – 4401

Grade Placement: 12 APUSGOVT

GPA Level: 4

Credit: 0.5 TEA code: A3330100

Prerequisite: U.S. History

Upon completion of this one semester course, the students will have a richer understanding of the American political system and its foundation, structure, and functions to the extent he or she will develop their own political identity. It prepares students with college- level writing skills, knowledge of facts, theories, court cases, and an ability to evaluate and analyze pertinent information relevant to the Advanced Placement exam.

AP Microeconomics

Course number – TBD

Grade Placement: 12 APMICECO

GPA Level: 4

Credit: 0.5 TEA code: A3310100

Prerequisite: U.S. History

This elective course in microeconomics is designed to give students a thorough understanding of the principles of economics as they apply to individuals, household, and firms within the overall economic system. It places particular emphasis on the study of markets and market structures and seeks to develop students' familiarity with the theory of the firm, resource markets, market efficiency, and inequity, government regulation of markets.

AP Macroeconomics

Course number – 4411

Grade Placement: 12 AP MACECO

GPA Level: 4

Credit: 0.5 TEA code: A3310200

Prerequisite: U.S. History

This elective course is designed to introduce students to fundamental economics concepts. It will provide students an overview of how the economy works and allow students to apply economic concepts to a variety of situations. Coverage of these concepts will prepare students for the Advanced Placement Macroeconomics exam, as well as give students a thorough understanding of the United States economic system as a whole. This knowledge will provide a base for future decision making.

United States History I - HIST 1301 (dual credit)

Course number – 4302

Grade Placement: 11-12 HIST 1301

GPA Level: 4

Credit: 0.5 TEA code: 03340100

College Credit Hours: 3

Prerequisite: World History, and pass the Reading and Writing TSI exam

This course covers U.S. history from pre-Columbian era to the Civil War and emphasizes independent reading, class discussion, and analysis. Major themes studied include: slavery, colonial society, westward expansion, industrialization, Native American influences, gender relations, U.S. political evolution, reform movements, and foreign policy. This course satisfies one semester of US History credit.

United States History II - HIST 1302 (dual credit)

Course number – 4309

Grade Placement: 11-12 HIST 1302

GPA Level: 4

Credit: 0.5

TEA code: 03340100

College Credit Hours: 3

Prerequisite: World History, HIST 1301, and pass the Reading and Writing TSI exam

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. This course satisfies one semester of US History credit.

Principles of Economics: Macroeconomic Theory - ECON 2301 (dual credit)

Course number – 4413

Grade Placement: 12 ECO-FE

GPA Level: 4

Credit: 0.5

TEA code: 03310300

College Credit Hours: 3

Prerequisite: U.S. History, and pass the Reading and Writing TSI exams

Focus is on the analysis of the economy as a whole, national income, money and banking and monetary policy, public finance and fiscal policy, economic stabilization policies and growth, and related current economic problems.

Federal Government - GOVT 2305 (dual credit)

Course number – 4419

Grade Placement: 12 GOVT

GPA Level: 4

Credit: 0.5

TEA code: 03330100

College Credit Hours: 3

Prerequisite: U.S. History, and pass the Reading and Writing TSI exams

This course is a study of organizations, functions, and nature of the national government. Emphasis is placed on rights, privileges, and obligations of citizenship, as set forth by Constitution, by statutory law of national Congress, and by judicial interpretation. Students will examine such topics as power, authority, structure of political institutions, constitutions, as well as impact of technology on government and society. Behavioral objectives emphasize involvement of students and instructors in the learning process.

Texas Government - GOVT 2306 (dual credit)

Course number – 4420

Grade Placement: 12 SPTSS

GPA Level: 4

Credit: 0.5

TEA code: 03380002

College Credit Hours: 3

Prerequisite: U.S. History, GOVT 2305, and pass the Reading and Writing TSI exams

This course is a study of organizations, functions, and nature of the national government. Emphasis is placed on rights, privileges, and obligations of citizenship, as set forth by Constitution, by statutory law of national Congress, and by judicial interpretation. Students will examine such topics as power, authority, structure of political institutions, constitutions, as well as impact of technology on government and society. Behavioral objectives emphasize involvement of students and instructors in the learning process.

Texas History - HIST 2306 (dual credit)

Course number –

Grade Placement: 12 SPTSS

GPA Level: 4

Credit: 0.5 TEA code: 03380002

College Credit Hours: 3

Prerequisite: U.S. History, GOVT 2305, and pass the Reading and Writing TSI exams

A survey of the political, social, economic, cultural, and intellectual history of Texas from the pre-Columbian era to the present. Themes that may be addressed in Texas History include: Spanish colonization and Spanish Texas; Mexican Texas; the Republic of Texas; statehood and secession; oil, industrialization, and urbanization; civil rights; and modern Texas.

Languages Other than English				
Course Name	High School Credits	College Credit Hours	Grade Levels	Prerequisites
Regular				
Spanish I	1	n/a	8-12	None
Spanish II	1		9-12	Spanish I
Honors				
Spanish II Honors	1	n/a	9-12	Spanish I
Spanish III Honors	1		10-12	Spanish II or Spanish II Honors
Advanced Placement (AP)				
Spanish IV AP Spanish Language & Culture	1	see below*	11-12	Spanish III Honors
Dual Credit**				
Beginning Spanish I - SPAN 1411	0.5	4	9-12	Pass TSI Reading & Writing***
Beginning Spanish II - SPAN 1412	0.5	4	9-12	SPAN 1411 (dual credit)
Intermediate Spanish I - SPAN 2311	0.5	3	10-12	SPAN 1411/1412 (dual credit)
Intermediate Spanish II - SPAN 2312	0.5	3	10-12	SPAN 2311 (dual credit)

Spanish Language Proficiency Exam

Students who take and pass the Spanish Language Proficiency Exam (SLPE) in the spring of 8th grade will be placed in Spanish II, Spanish II Honors, or Spanish III Honors beginning in the 9th grade, based on their exam score. The SLPE is a placement exam, not a credit-by-exam for Spanish, therefore students will NOT get credit for the Spanish courses they are able to bypass. *Proper placement will ensure each Spanish speaking student is challenged academically in Spanish.*

* college credit in an AP course is based on a passing AP exam score and by the policies of individual colleges/universities

** dual credit courses are offered through Navarro College Waxahachie, for more info visit <https://www.navarrocollege.edu/>

*** For dual credit Spanish, there is an additional prerequisite of high school Spanish I credit with an 85 or higher final grade for ninth graders; or placement into Spanish II or higher based on the Spanish Language Proficiency Exam (SLPE) scores. With written parental approval, these prerequisites may be overridden.

Spanish I

Course number –

Grade Placement: 8-12 SPAN 1

GPA Level: 2

Credit: 1

TEA code: 03440100

Prerequisite: None

This course is an introduction to the Spanish language. Emphasis is placed on acquiring basic listening, writing, reading, and speaking skills. Students become actively involved in the appreciation of the culture, customs, and geography of Hispanic countries. Basic grammar, present, regular preterit, and substitute future tenses are studied.

Spanish II

Course number –

Grade Placement: 9-12 SPAN 2

GPA Level: 2.

Credit: 1

TEA code: 03440200

Prerequisite: Spanish I

Spanish II improves the listening, speaking, and writing skills begun in Spanish I. It provides a closer look at the culture and customs of Spanish-speaking countries, while continuing to study grammar. Students also study some of the most popular Spanish artists.

Spanish II Honors

Course number –

Grade Placement: 9-12 SPAN 2 HONORS

GPA Level: 3

Credit: 1

TEA code: 03440200

Prerequisite: Spanish I

Spanish II improves the listening, speaking, and writing skills begun in Spanish I. It provides a closer look at the culture and customs of Spanish-speaking countries, while continuing to study grammar. Students also study some of the most popular Spanish artists.

Spanish III Honors

Course number –

Grade Placement: 10-12 SPAN 3 HONORS

GPA Level: 3

Credit: 1

TEA code: 03440300

Prerequisite: Spanish II

This course is designed to further develop listening, reading, and writing skills. An in-depth culture study through the reading and discussion of actual Hispanic newspapers and magazine articles, poetry, and short stories is included. A unit stressing communication in a variety of everyday situations and professional experiences is also included. There is more in-depth study of Spanish artists. The majority of this course will be conducted in Spanish. Please note: The student is responsible for summer reading and/or writing assignments.

AP Spanish Language and Culture

Course number –

Grade Placement: 11-12 APSPALAN

GPA Level: 4

Credit: 1

TEA code: A3440400

Prerequisite: Spanish III

Students will take previously acquired vocabulary and grammatical skills and use them in simulated, real-life situations. In addition, students will increase their knowledge of Spanish grammar and vocabulary through the use of reading, writing, speaking and listening activities that correspond to short stories and/or poems that are read throughout the year. The majority of the course will be conducted in Spanish. Upon completion of the course, students will be prepared to take the Spanish Language AP Examination and use the language in a variety of

settings and encounters with native Spanish speakers.

Beginning Spanish I - SPAN 1411 (dual credit)

Course number –

Grade Placement: 09-12 SPAN 1, SPAN 2, SPAN 3, or SPAN 4

GPA Level: 4

Credit: 0.5 TEA code: 9th: 03440100, 10th: 03440100, 11th: 03440300, 12th: 03440400

College Credit Hours: 4

Prerequisite: High School Spanish I (min. final grade of 85) and meet the TSI requirements in Reading and Writing.

Basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level. This course satisfies one semester of Spanish credit, depending on what Spanish credit the student already has earned.

Beginning Spanish II - SPAN 1412 (dual credit)

Course number –

Grade Placement: 09-12 SPAN 1, SPAN 2, SPAN 3, or SPAN 4

GPA Level: 4

Credit: 0.5 TEA code: 9th: 03440100, 10th: 03440100, 11th: 03440300, 12th: 03440400

College Credit Hours: 4

Prerequisite: High School Spanish I (min. final grade of 85) and must meet eligibility for dual credit

Continued development of basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the high beginner to low intermediate level.

Intermediate Spanish I - SPAN 2311 (dual credit)

Course number –

Grade Placement: 09-10 SPAN 2, SPAN 3, or SPAN 4

GPA Level: 4

Credit: 0.5 TEA code: 10th: 03440100, 11th: 03440300, 12th: 03440400

College Credit Hours: 3

Prerequisite: SPAN 1411/1412 and must meet eligibility for dual credit

The consolidation of skills acquired at the introductory level. Further development of proficiency in listening, speaking, reading and writing. Emphasis on comprehension, appreciation, and interpretation of the cultures of the Spanish-speaking world.

Intermediate Spanish II - SPAN 2312 (dual credit)

Course number –

Grade Placement: 09-10 SPAN 2, SPAN 3, or SPAN 4

GPA Level: 4

Credit: 0.5 TEA code: 10th: 03440100, 11th: 03440300, 12th: 03440400

College Credit Hours: 3

Prerequisite: SPAN 2312 and must meet eligibility for dual credit

The consolidation of skills acquired at the introductory level. Further development of proficiency in listening, speaking, reading and writing. Emphasis on comprehension, appreciation, and interpretation of the cultures of the Spanish-speaking world.

Community and Campus Service

Course Name	Credits	Grade Levels	Prerequisites
Counselor/Office Aide	0.5-1 (local)	12	Departmental selection process
Library Aide	0.5-1 (local)	12	Departmental selection process
Student Leadership (Year 1)	1	9-12	Sponsor Recommendation
Student Leadership (Year 2-3)	0.5-1 (local)	9-12	Sponsor Recommendation
AVID I	1	9	AVID Committee Approval
AVID II	1	10	AVID I
AVID III	1	11	AVID II
AVID IV	1	12	AVID III

Counselor/Office Aide

Course number –

Grade Placement: 12 COUNSELOR AIDE

GPA Level: 1

Credit: 0.5-1 TEA code: 85000COA

Prerequisite: Departmental selection process

In addition to providing campus tours as necessary, students are responsible for completing tasks as assigned by library or counseling staff.

Library Aide

Course number –

Grade Placement: 12 LIBRARY AIDE

GPA Level: 1

Credit: 0.5-1 TEA code: 85000COA

Prerequisite: Departmental selection process

In addition to providing campus tours as necessary, students are responsible for completing tasks as assigned by library or counseling staff.

Student Leadership (Year 1)

Course number –

Grade Placement: 9-12 STULEAD

GPA Level: 2

Credit: 1 TEA code: N1290010

Prerequisite: Sponsor Approval

This course provides opportunities to study, practice and develop group and individual leadership and organizational skills. These skills include decision-making skills, problem solving techniques, communication skills, leadership roles, human relation skills, and understanding the need for civic responsibility. Students enrolled in the course will apply these skills in dealing with peers, school administration and the community. This course can be customized to meet the needs of a Student Council, but is also adaptable to a broader student population.

Student Leadership (Year 2-3)

Course number –

Grade Placement: 9-12 STULEAD

GPA Level: 1

Credit: 1 (local) TEA code: 85000SL2

Prerequisite: Sponsor Approval, and Student Leadership (Year 1)

This course provides extended opportunities to study, practice and develop group and individual leadership and organizational skills. These skills include decision-making skills, problem solving techniques, communication skills, leadership roles, human relation skills, and understanding the need for civic responsibility. Students enrolled in the course will apply these skills in dealing with peers, school administration and the community. This course can be customized to meet the needs of a Student Council, but is also adaptable to a broader student population. This is a Local Credit course, which does not count towards graduation requirements.

AVID I

Course number –

Grade Placement: 9 AVID1

GPA Level: 2

Credit: 1 TEA code: N1290001

Prerequisite: AVID Committee Approval

AVID, standing for Advancement via Individual Determination, is a college readiness program. The AVID system of education prepares students for the rigor and challenges of college classes, all while fostering an environment of heightened learning and performance in school. AVID's mission is to close the achievement gap by preparing all students for college readiness and success in a global society.

AVID II

Course number –

Grade Placement: 10 AVID2

GPA Level: 2

Credit: 1 TEA code: N1290002:

Prerequisite: AVID I

AVID, standing for Advancement via Individual Determination, is a college readiness program. The AVID system of education prepares students for the rigor and challenges of college classes, all while fostering an environment of heightened learning and performance in school. AVID's mission is to close the achievement gap by preparing all students for college readiness and success in a global society.

AVID III

Course number –

Grade Placement: 11 AVID3

GPA Level: 2

Credit: 1 TEA code: N1290030

Prerequisite: AVID II

AVID, standing for Advancement via Individual Determination, is a college readiness program. The AVID system of education prepares students for the rigor and challenges of college classes, all while fostering an environment of heightened learning and performance in school. AVID's mission is to close the achievement gap by preparing all students for college readiness and success in a global society.

AVID IV

Course number –

Grade Placement: 12 AVID4

GPA Level: 2

Credit: 1 TEA code: N1290033

Prerequisite: AVID III

AVID, standing for Advancement via Individual Determination, is a college readiness program. The AVID system of education prepares students for the rigor and challenges of college classes, all while fostering an environment of heightened learning and performance in school. AVID's mission is to close the achievement gap by preparing all students for college readiness and success in a global society.

Physical Education and Health			
Course Name	Credits	Grade Levels	Prerequisites
Foundations of Personal Fitness	1	9-12	None
Partners PE	1	9-12	Approval from Partners PE teacher
Individual or Team Sports	1	9-12	None
Cheerleading	1	9-12	Departmental selection process
Lionettes (Dance)	1	9-12	Departmental selection process
Sports Medicine I	1	10-12	Departmental selection process
Health Education	0.5	9-12	None
Tae Kwondo I	1	9-12	None
Tae Kwondo II	1	9-12	Tae Kwondo I

Foundations of Personal Fitness

Course number –

Grade Placement: 9-12 PEFOUND

GPA Level: 1

Credit: 1 TEA code: PES00052I

Prerequisite: None

General physical education for boys and girls shall be concerned with the development of physical fitness and the learning of skills. The program provides each student with opportunities to develop skill and understanding in a variety of sports activities, with daily exercise designed to help students develop and maintain physical fitness appropriate for their age. Course offerings include: flag football, basketball, soccer, volleyball, softball, weight training, gym games, and other fitness activities. The student is evaluated on the basics of skill in each sport, knowledge of strategy, rules, history, and terminology in each sport, and behavior in terms of participation, health, and safety practices. Suiting out and daily participation is imperative.

Partner PE

Course number –

Grade Placement: 9-12 PARTNERPE

GPA Level: 1

Credit: 1 TEA code: SE000004

Prerequisite: Approval from Partner PE teacher

Inclusionary PE program featuring supervised peer tutors working with students with disabilities who cannot meet the requirements of regular physical education because of physical, social, emotional or behavioral limitations. The program encourages physical activity, increase in knowledge of health and fitness strategies, and assists in the acquisition of individual lifetime recreation activities and/or skills associated with team sports.

Individual or Team Sports

Course number –

Grade Placement: 9-12 PE1TS

GPA Level: 1

Credit: 1 TEA code: PES00055

Prerequisite: None

General physical education for boys and girls shall be concerned with the development of physical fitness and the learning of skills. The program provides each student with opportunities to develop skill and understanding in a variety of sports activities, with daily exercise designed to help students develop and maintain physical fitness appropriate for their age. Course offerings include: flag football, basketball, soccer, volleyball, softball, weight training, gym games, and other fitness activities. The student is evaluated on the basics of skill in each sport, knowledge of strategy, rules, history, and terminology in each sport, and behavior in terms of participation, health, and safety practices. Suiting out and daily participation is imperative.

Cheerleading I

Course number –

Grade Placement: 9 SUBCHLDG

GPA Level: 1

Credit: 1 TEA code: PES00013

Prerequisite: Departmental selection process

Cheerleader I-IV provides an opportunity for preparation and execution of those activities involved in promoting school loyalty and school spirit.

Cheerleading II

Course number –

Grade Placement: 10 SUBCHLDG

GPA Level: 1

Credit: 1 TEA code: PES00013

Prerequisite: Departmental selection process

Cheerleader I-IV provides an opportunity for preparation and execution of those activities involved in promoting school loyalty and school spirit.

Cheerleading III

Course number –

Grade Placement: 11 SUBCHLDG

GPA Level: 1

Credit: 1 TEA code: PES00013

Prerequisite: Departmental selection process

Cheerleader I-IV provides an opportunity for preparation and execution of those activities involved in promoting school loyalty and school spirit.

Cheerleading IV

Course number –

Grade Placement: 12 SUBCHLDG

GPA Level: 1

Credit: 1 TEA code: PES00013

Prerequisite: Departmental selection process

Cheerleader I-IV provides an opportunity for preparation and execution of those activities involved in promoting school loyalty and school spirit.

Sports Medicine I

Course number –

Grade Placement: 10-12 SPORTS MED I

GPA Level: 1

Credit: 1 TEA code: N1150040

Prerequisite: Departmental selection process

Sports Medicine I involves the essentials of athletic training. Students will go through the major body parts learning bones and muscles. The course will teach students prevention of injuries, observation, treatment, and rehabilitation of various sport injuries.

Health Education

Course number –

Grade Placement: 9-12 HLTHED

GPA Level: 1

Credit: 0.5 TEA code: 03810100

Prerequisite: None

Health Education involves the learning of physical, mental, and social health that will enable the student to live a longer and healthier life. Areas such as the heart, vessels, and blood, digestive system, tissue maintenance, respiration, physical and mental fitness, environmental pollution, and first aid are among the major areas covered in the course.

Tae Kwon Do I

Course number –

Grade Placement: 9-12 PEAA

GPA Level: 1

Credit: 1 TEA code: PES00054

Prerequisite: None

Taekwondo, meaning "the way of the hand and foot," is a general term used to describe Korea's national sport. We train in traditional Korean forms. We supplement these punches and kicks with self-defense techniques and overall endurance and flexibility training. The tenets of taekwondo are courtesy, integrity, perseverance, self-control, and indomitable spirit. Training received is rewarded with belt advancement recognized by the World Tae Kwon Do Federation and the Kukkiwon in Seoul, Korea.

Tae Kwon Do II

Course number –

Grade Placement: 9-12 PEAA

GPA Level: 1

Credit: 1 TEA code: PES00054

Prerequisite: Tae Kwon Do I

Taekwondo, meaning "the way of the hand and foot," is a general term used to describe Korea's national sport. We train in traditional Korean forms. We supplement these punches and kicks with self-defense techniques and overall endurance and flexibility training. The tenets of taekwondo are courtesy, integrity, perseverance, self-control, and indomitable spirit. Training received is rewarded with belt advancement recognized by the World Tae Kwon Do Federation and the Kukkiwon in Seoul, Korea.

Athletics			
Course Name	High School Credits	Grade Levels	Prerequisites
Baseball	1	9-12	Departmental selection process
Boys Basketball	1	9-12	Departmental selection process
Girls Basketball	1	9-12	Departmental selection process
Football	1	9-12	Departmental selection process
Golf	1	9-12	Departmental selection process
Boys Soccer	1	9-12	Departmental selection process
Girls Soccer	1	9-12	Departmental selection process
Softball	1	9-12	Departmental selection process
Boys Tennis	1	9-12	Departmental selection process
Boys Track	0.5	9-12	Departmental selection process (please note this course takes place before or after school)
Girls Track	0.5	9-12	
Cross Country	0.5	9-12	
Volleyball	1	9-12	Departmental selection process

The following athletics courses are offered as competitive sports and are governed by the rules and regulations of the University Interscholastic League (UIL). Membership on these teams may count in lieu of Physical Education (P.E.) as required for graduation. An off-campus PE information packet can be picked up in the Ennis High School counseling office. Any athlete who quits one sport cannot go into another sport until the sport he/she quit has concluded. This rule will take effect the day after the first contest.

With the exception of Boys Track and Girls Track, each of these athletic sports/programs utilizes one class period.

In some special cases, an outside sport can be counted as PE credit. This must be approved before the start of the semester. Information on this is available in the EHS counselor's office.

Baseball

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

Boys Basketball

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

Girls Basketball

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

Football

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

Golf

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

Boys Soccer

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

Girls Soccer

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

Softball

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

Tennis

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

Boys Track

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

NOTE: This course does not utilize a class period. All participation will be outside of normal school hours.

Girls Track

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

NOTE: This course does not utilize a class period. All participation will be outside of normal school hours.

Cross Country

Course number –

Grade placement: 9 -12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

NOTE: Some class participation may require practice or activities outside of normal school hours.

Volleyball

Course number –

Grade placement: 9-12 PES00000

GPA Level: 1

Credit: 1

Prerequisite: Departmental selection process

Fine Arts: <i>Art</i>				
Course Name	High School Credits	College Credit Hours	Grade Levels	Prerequisites
Regular				
Art I	1	n/a	8-12	None
Art II	1		9-12	Art I
Art III	1		10-12	Art II
Art IV	1		11-12	Art III
Art II (Ceramics I)	1		9-12	Art I
Art III (Ceramics II)	1		10-12	Ceramics I
Art IV (Ceramics III)	1		11-12	Ceramics II
Art II (Explorative Art II)	1		9-10	Art I
Art III (Explorative Art III)	1		10-11	Art II, Explorative Art II, & instructor approval
Art IV (Explorative Art IV)	1		11-12	Art III, Explorative Art III, & instructor approval
Advanced Placement (AP)				
AP Studio Art: Drawing	1	**	11-12	Art II; instructor approval
AP Studio Art: 2-D Design	1	**	11-12	Art II; instructor approval
Dual Credit*				
Art Appreciation - ART 1301	0.5	3	9-12	Meet TSI Reading & Writing Requirements
Art History - ART 1303	0.5	3	9-12	

Regular and AP courses listed above require that students furnish some of their own materials.

* dual credit courses are offered through Navarro College in Waxahachie, for more info visit www.navarrocollege.edu

**college credit in AP courses is determined by each individual college/university academic policies

Art I

Course number –

Grade Placement: 8-12 ART 1

GPA Level: 2

Credit: 1 TEA code: 03500100

Prerequisite: None

In this entry level course, students will be introduced to the basics of Art. The elements of art and principles of design will be taught and implemented through hands on activities that include various media. Drawing, color theory, painting, art history, sculpting and printmaking will be explored. Students are encouraged to be independent thinkers and will be expected to have a firm grasp on basic concepts when creating individual works of art. This is an entry level course for beginning art students.

Art II

Course number –

Grade Placement: 9-12 ART2DRAW

GPA Level: 2

Credit: 1 TEA code: 03500500

Prerequisite: Art I

In this continuing Art course, students will build on their prior knowledge of the elements of art and principles of design. Students will be encouraged to research and explore various options for independent projects. Drawing, color theory, painting, art history, sculpting, basic photography, studio planning and printmaking will be among the skills offered and taught in this course. This is for the student who is prepared and serious about art. This is not an entry level course.

Art III

Course number –

Grade Placement: 10-12 ART3DRAW

GPA Level: 2

Credit: 1 TEA code: 03501300

Prerequisite: Art II

In this continuing Art course, students will build on their prior knowledge of the elements of art and principles of design. Using prior skills, students will be encouraged and expected to research and explore in depth various options for independent projects. Drawing, color theory, painting, art history, sculpting, basic photography, studio planning and printmaking will be among the skills offered and taught in this course. This is for the student who is prepared and serious about art.

Art IV

Course number –

Grade Placement: 11-12 ART4DRAW

GPA Level: 2

Credit: 1 TEA code: 03502300

Prerequisite: Art III

In this continuing Art course, students will build on their prior knowledge of the elements of art and principles of design. Using prior skills, students will be encouraged and expected to research and explore in depth various options for independent projects. A more in depth study of drawing, color theory, painting, art history, sculpting, basic photography, studio planning and printmaking will be among the skills offered and taught in this course. This is for the student who is college bound and looking to build a portfolio. Students will also be expected to compete in competitions throughout the year, including but not limited to VASE and Scholastic Art and Writing.

Art II (Exploratory Art II)

Course number –

Grade Placement: 9-10 ART2

GPA Level: 2

Credit: 1

TEA code: 03500200

Prerequisite: Art I

This advanced art class expands upon the elements of art and the principles of design with continued exploration of a variety of art media and techniques in a studio setting. The course will offer choices such as drawing, painting, graphic design, photography, glass fusing, pyrography, collage, printmaking and sculpture. This course is designed for the highly motivated art student interested in exploring many media. This course will consist of an in-depth study of art criticism, aesthetics, and some art history. Students will begin to develop the ability to talk about their work and the work of others in classroom critiques and scheduled gallery walks.

Art III (Exploratory Art III)

Course number –

Grade Placement: 9-10 ART3

GPA Level: 2

Credit: 1

TEA code: 03500300

Prerequisite: Art II, Exploratory Art II, or instructor approval

This advanced art class expands upon the elements of art and the principles of design with continued exploration of a variety of art media and techniques in a studio setting. The course will offer choices such as drawing, painting, graphic design, photography, glass fusing, pyrography, collage, printmaking and sculpture. This course is designed for the highly motivated art student who is expanding upon improving craftsmanship and creative ability. This course will consist of more in-depth study of art criticism, aesthetics, and some art history. Students will develop an ability to talk about their work and the work of others in classroom critiques and gallery walks. Students will also have many opportunities to explore careers in the arts and showcase their artwork in the community. Students will also be expected to compete in competitions throughout the year.

Art IV (Exploratory Art IV)

Course number –

Grade Placement: 9-10 ART4

GPA Level: 2

Credit: 1

TEA code: 03500400

Prerequisite: Art III, Exploratory Art III, or instructor approval

This advanced art class expands upon the elements of art and the principles of design with continued exploration of a variety of art media and techniques in a studio setting. The course will offer choices such as drawing, painting, graphic design, photography, glass fusing, pyrography, collage, printmaking, sculpture and independent study. This course is designed for the highly motivated and college-bound art student. This course will consist of more in-depth study of art criticism, aesthetics, and some art history. Students will develop an ability to talk about their work and the work of others in classroom critiques and gallery walks. Students will also have many opportunities to explore careers in the arts and showcase their artwork in the community. Students will also be expected to compete in competitions throughout the year, including but not limited to VASE and Scholastic Art and Writing.

Art II (Ceramics I)

Course number –

Grade Placement: 9-12 ART2CRMC

GPA Level: 2

Credit: 1

TEA code: 03500900

Prerequisite: Art I

Students will study the fundamental techniques of a hands-on Ceramics course that will give them the necessary skills to succeed. Through an in depth study on clay and hand building they will create multiple projects using the art elements and principles of design. Intermittent throughout the course will be a study on art movements and practicing ceramic artists. Students will also have the opportunity to use one of our twelve throwing wheels.

Art III (Ceramics II)

Course number –

Grade Placement: 10-12 ART3CRMC

GPA Level: 2

Credit: 1 TEA code: 03501800

Prerequisite: Ceramics I or instructor approval

Students will expand their knowledge of the basic hand building skills to create projects that challenge both their creative ability and their craftsmanship to build projects much larger in size. In this advanced class, students will increase their knowledge of functional forms as well as surface design techniques for clay. Projects include both hand built and wheel thrown forms.

Art IV (Ceramics III)

Course number –

Grade Placement: 11-12 ART4CRMC

GPA Level: 2

Credit: 1 TEA code: 03502700

Prerequisite: Ceramics II or instructor approval

Students will be given a more independent approach in Ceramics III when they will create art that both inspires them and also has functional value in their life. Students will be asked to create projects that are more sculptural in nature and are challenged by both size, and form. Students will work with mixed medium to find their own style and voice through their art. Students will be encouraged and expected to enter work in exhibitions and contests throughout the year.

AP Studio Art: Drawing Portfolio

Course number –

Grade Placement: 11-12 APSTUDIOART

GPA Level: 4

Credit: 1 TEA code: A3500300

Prerequisite: Art II

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead students submit portfolios of their drawings in different mediums for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios: 2-D Design, 3-D Design, and Drawing – corresponding to the most common college foundation courses.

AP Studio Art: Drawing Portfolio

Course number –

Grade Placement: 11-12 APSTUDIO2DD

GPA Level: 4

Credit: 1 TEA code: A3500400

Prerequisite: Art II

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead students submit portfolios of their 2-D art pieces for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios: 2-D Design, 3-D Design, and Drawing – corresponding to the most common college foundation courses.

Art Appreciation - ARTS 1301 (dual credit)

Course number –

Grade Placement: 9-12 ART1

GPA Level: 4

Credit: 0.5 TEA code: 03500100 (D)

Prerequisite: Meet College Dual Credit Requirements

This course is an introduction to the visual arts and is designed for the general student. The course explores what art is, who makes it, and why is it made. This course satisfies the cross cultural component and is a core curriculum course. Special emphasis is placed on looking at art made for the electronic environment of the internet. Must meet the TSI requirements.

Art History - ARTS 1303 (dual credit)

Course number –

Grade Placement: 9-12

GPA Level: 4

Credit: 0.5 TEA code: 03500110 (D)

Prerequisite: Meet College Dual Credit Requirements

This course is a chronological analysis of the historical and cultural contexts of the visual arts from prehistoric times to the 14th century. A lecture examines crafts, painting, sculpture, architecture, and other art forms from the prehistoric through Gothic time frame. Emphasis is placed on how the important historical developments, thought, events, and cultural exchange of thought results in artistic output. Must meet the TSI requirements.

Fine Arts: *Theatre*

Course Name	Credits	Grade Levels	Prerequisites
Theatre Arts I	1	9-12	None
Theatre Arts II	1	10-12	Theatre Arts I
Theatre Arts III	1	11-12	Theatre Arts II
Theatre Arts IV	1	12	Theatre Arts III
Theatre Production I / One Act Play	1	9-12	Theatre Arts I and departmental selection process
Theatre Production II / One Act Play	1	10-12	Theatre Production I and departmental selection process
Theatre Production III / One Act Play	1	11-12	Theatre Production II and departmental selection process
Theatre Production IV / One Act Play	1	12	Theatre Production III and departmental selection process
Technical Theatre I	1	9-12	None
Technical Theatre II	1	10-12	Technical Theatre I
Technical Theatre III	1	11-12	Technical Theatre II
Technical Theatre IV	1	12	Technical Theatre III

Theatre Arts I

Course number –

Grade Placement: 9-12

THARTS 1

GPA Level: 2.

Credit: 1

TEA code: 03250100

Prerequisite: None

The objective of this course is to provide the student with a general overview of all the different areas involved in theater and to create an appreciation for live theater.

The course does not concentrate on one particular area, but attempts to provide an equal introduction to all areas. Course units include voice and diction, improvisation, pantomime, acting, theatre history, stage make-up, and technical theatre.

Theatre Arts II

Course number –

Grade Placement: 10-12

THARTS 2

GPA Level: 2

Credit: 1

TEA code: 03250200

Prerequisite: Theatre Arts I

This course continues the study of theater established in Theatre Arts I. It is designed to further investigate the area of acting. Instructional units will include classical styles, children's theatre, play writing, stylized make-up and theatre awareness.

Theatre Arts III

Course number –

Grade Placement: 11-12 THARTS 3

GPA Level: 2

Credit: 1 TEA code: 03250300

Prerequisite: Theatre Arts II

This class further develops the acting skills of the students. The emphasis will be on acting with directing, costumes, props, makeup, sets and set design as part of the training. All the projects will be performance oriented and preparation for opportunities in the Theatrical world.

Theatre Arts IV

Course number –

Grade Placement: 12 THARTS 4

GPA Level: 2

Credit: 1 TEA code: 03250400

Prerequisite: Theatre Arts III

This course delves further into the actor and developing characters. The actors will costume their characters and do theatre makeup as well as design a set and learn to think outside the box for creativity.

Theatre Production I / One Act Play (UIL)

Course number –

Grade Placement: 9-12 THPROD 1

GPA Level: 2

Credit: 1 TEA code: 03250700

Prerequisite: Theatre Arts I & departmental selection process

Theatre Production I is a “performance-based” class. Students make a commitment to develop and refine their acting skills, directing their efforts to the one-act production in the spring. Students are trained for professional opportunities in the future.

Theatre Production II / One Act Play (UIL)

Course number –

Grade Placement: 10-12 THPROD 2

GPA Level: 2

Credit: 1 TEA code: 03250800

Prerequisite: Theatre Production I & departmental selection process

Theatre Production II is a “performance-based” class. Students make a commitment to develop and refine their acting skills, directing their efforts to the one-act production in the spring. Students are trained for professional opportunities in the future.

Theatre Production III / One Act Play (UIL)

Course number –

Grade Placement: 11-12 THPROD 3

GPA Level: 2

Credit: 1 TEA code: 03250900

Prerequisite: Theatre Production II & departmental selection process

Theatre Production III is a “performance-based” class. Students make a commitment to develop and refine their acting skills, directing their efforts to the one-act production in the spring. Students are trained for professional opportunities in the future.

Theatre Production IV / One Act Play (UIL)

Course number –

Grade Placement: 12 THPROD 4

GPA Level: 2

Credit: 1 TEA code: 03251100

Prerequisite: Theatre Production III & departmental selection process

Theatre Production III is a “performance-based” class. Students make a commitment to develop and refine their acting skills, directing their efforts to the one-act production in the spring. Students are trained for professional opportunities in the future.

Technical Theatre I

Course number –

Grade Placement: 9-12 TH 1 TECH

GPA Level: 2

Credit: 1 TEA code: 03250500

Prerequisite: None

Technical Theatre is a class for the creative, motivated student seeking knowledge of stagecraft, lighting, sound, costumes, makeup, and theatre production. Skill focus is on: safety, literary analysis, set design and construction, sound design, light design, props, makeup and costume, publicity, and house management.

Technical Theatre II

Course number –

Grade Placement: 10-12 TH 2 TECH

GPA Level: 2

Credit: 1 TEA code: 03250600

Prerequisite: Technical Theatre I

Students will be learning to use more complicated tools and how they work. Safety will continue to be stressed above all. We will study the different types of plays and how they should think outside the box in design. We will design simple and complicated sets for the same play and then study and discuss what works. We will study costumes of different times and places. We will also study props, makeup, and sound. We will learn more about the sound effects and how sound is used in Theatre. This class will be very detailed in the study of history from the aspect of the plays we are studying.

Technical Theatre III

Course number –

Grade Placement: 11-12 TH 3 TECH

GPA Level: 2

Credit: 1 TEA code: 03251100

Prerequisite: Technical Theatre II

Technical Theatre III is for the student interested in the creation and planning of the “behind the scenes’ theater preparation. This student will need a basic knowledge of theatre safety, and have a desire to work cooperatively as part of a production team. Students from this class will form the technical crew for EHS theatre productions.

Technical Theatre IV

Course number –

Grade Placement: 12 TH 4 TECH

GPA Level: 2

Credit: 1 TEA code: 03251200

Prerequisite: Technical Theatre III

Technical Theatre III is for the student interested in the creation and planning of the “behind the scenes’ theater preparation. This student will need a basic knowledge of theatre safety, and have a desire to work cooperatively as part of a production team. Students from this class will form the technical crew for EHS theatre productions.

Fine Arts: *Music*

Course Name	Credits	Grade Levels	Prerequisites
Symphonic Band I-IV	0.5	9-12	Departmental selection process
Jazz Band One I-IV	1	9-12	Departmental selection process
Men's Beginning Choir	1	9-10	None
Women's Beginning Choir	1	9-10	None
Show Choir II-IV	1	10-12	Departmental selection process

Symphonic Band I-IV

Course number –

Grade Placement: 9 MUS1INEN
TEA code: 03151700

Grade Placement: 10 MUS2INEN
TEA code: 03151800

Grade Placement: 11 MUS3INEN
TEA code: 03151900

Grade Placement: 12 MUS4INEN
TEA code: 03152000

GPA Level: 1

Credit: 1

Prerequisite: Previous band experience and audition process

Students in Symphonic Band typically perform music at the UIL Grade I and II levels. Students are allowed to participate in Region auditions and at UIL Solo and Ensemble contests if capable of doing so. Some required performances and competitions are scheduled throughout the year, during or after regular school hours. All students in Symphonic Band are also required to participate in the Marching Band in the fall, which requires up to 8 hours of practice a week outside of the normal school day, in addition to all football games and marching competitions. Credit for the Symphonic Band course will be applied as Fine Arts. Students in Symphonic Band will also be allowed to substitute their time in the fall marching band as a Physical Education (P.E.) credit requirement for the first two fall semesters of their enrollment in Symphonic Band, which equals 1 credit of P.E.

Jazz Band One

Course number –

Grade Placement: 9 JAZZ BAND I
TEA code: 03151300

Grade Placement: 10 JAZZ BAND II
TEA code: 03151400

Grade Placement: 11 JAZZ BAND III
TEA code: 03151500

Grade Placement: 12 JAZZ BAND IV
TEA code: 03151600

GPA Level: 1

Credit: 1

Prerequisite: Audition process and concurrent enrollment in a concert band

The Jazz Band One is the most advanced jazz ensemble at Ennis HS, consisting of advanced saxophones, trombones, trumpets, and rhythm section players. This group participates at Region Jazz auditions in the fall and at jazz competitions in the spring, and also performs at several school and community concerts throughout the school year. Emphasis is on advanced big-band style jazz performance, in addition to the furthering of the jazz improvisational skills.

Men's Beginning Choir

Course number –

Grade Placement: 9-12 MUS1CHOR
GPA Level: 1 TEA code: 03150900

Credit: 1

Prerequisite: None

The men's beginning choir is designated for male students to allow focus on proper vocal production, blend and balance, sight-reading proficiency, ear training, expansion of range, technical facility, a cappella singing, dynamic nuances, and 3 & 4 part music. This is an entry level course designed to identify and refine the musicianship of every member.

Women's Beginning Choir

Course number –

Grade Placement: 9-12 MUS1CHOR
GPA Level: 1 TEA code: 03150900

Credit: 1

Prerequisite: None

The Women's beginning choir is designated for female students to allow focus on proper vocal production, blend and balance, sight-reading proficiency, ear training, expansion of range, technical facility, a cappella singing, dynamic nuances, and 3 & 4 part music. This is an entry level course designed to identify and refine the musicianship of every member.

Junior Varsity Choir II, III, and IV

Course number –

Grade Placement: 10	MUS1CHOR TEA code: 03151000
Grade Placement: 11	MUS2CHOR TEA code: 03151100
Grade Placement: 12	MUS3CHOR TEA code: 03151200

GPA Level: 1

Credit: 1

Prerequisite: Audition and Choir Director approval required.

This is the junior varsity level performing organization of the EHS Choral Department with an emphasis on developing ensemble singing and individual vocal talent. A wide variety of the finest and most difficult choral literature from all style periods will be performed. Students will be grouped according to their music reading skills and vocal maturity. Only dedicated and serious vocalists should consider this course. Attendance at various public performances and UIL contests is a requirement. Out-of-school rehearsals, performances, and activities are part of the course grade. These activities are integral elements that support and extend learning in the classroom. This course will, at times, require after school practice, rehearsal, and performance during the school week, including weekend dates.

Varsity Choir II, III, and IV

Course number –

Grade Placement: 10	MUS1CHOR TEA code: 03151000
Grade Placement: 11	MUS2CHOR TEA code: 03151100
Grade Placement: 12	MUS3CHOR TEA code: 03151200

GPA Level: 1

Credit: 1

Prerequisite: Audition and Choir Director approval required.

This is the premier performing organization of the EHS Choral Department with an emphasis on excellent ensemble singing and individual vocal development. A wide variety of the finest and most difficult choral literature from all style periods will be performed. Students will be grouped according to their music reading skills and vocal maturity. Only dedicated and serious vocalists should consider this course. Attendance at various public performances and UIL contests is a requirement. Out-of-school rehearsals, performances, and activities are part of the course grade. These activities are integral elements that support and extend learning in the classroom. This course will, at times, require after school practice, rehearsal, and performance during the school week, including weekend dates.

Fine Arts: *Dance*

Course Name	Credits	Grade Levels	Prerequisites
Lionettes – Dance I	1	9	Departmental selection process
Lionettes – Dance II	1	10	
Lionettes – Dance III	1	11	
Lionettes – Dance IV	1	12	

Lionettes I (Dance)

Course number –

Grade Placement: 9 DAN1PE

GPA Level: 2

Credit: 1 TEA code: 03833300

Prerequisite: Departmental selection process

This rigorous dance course counts as a Fine Arts credit each year it is taken. The first year the course is taken a credit substitute of 0.5 credits will be used to fulfill the PE requirement. The second year it is taken a credit substitute will be used to fulfill 0.5 credits of the PE requirement. The dance team instructor(s) will make selections for the dance team for each school year.

Lionettes II (Dance)

Course number –

Grade Placement: 10-11 DAN2PE

GPA Level: 2

Credit: 1 TEA code: 03833400

Prerequisite: Lionettes I; Departmental selection process

This rigorous dance course counts as a Fine Arts credit each year it is taken. The first year the course is taken a credit substitute of 0.5 credits will be used to fulfill the PE requirement. The second year it is taken a credit substitute will be used to fulfill 0.5 credits of the PE requirement. The dance team instructor(s) will make selections for the dance team for each school year.

Lionettes III (Dance)

Course number –

Grade Placement: 11-12 DAN3PE

GPA Level: 2

Credit: 1 TEA code: 03833500

Prerequisite: Lionettes II; Departmental selection process

This rigorous dance course counts as a Fine Arts credit each year it is taken. The first year the course is taken a credit substitute of 0.5 credits will be used to fulfill the PE requirement. The second year it is taken a credit substitute will be used to fulfill 0.5 credits of the PE requirement. The dance team instructor(s) will make selections for the dance team for each school year.

Lionettes IV (Dance)

Course number –

Grade Placement: 12 DAN4PE

GPA Level: 2

Credit: 1 TEA code: 03833600

Prerequisite: Lionettes III; Departmental selection process

This rigorous dance course counts as a Fine Arts credit each year it is taken. The first year the course is taken a credit substitute of 0.5 credits will be used to fulfill the PE requirement. The second year it is taken a credit substitute will be used to fulfill 0.5 credits of the PE requirement. The dance team instructor(s) will make selections for the dance team for each school year.

Career and Technical Education (CTE)



Career and Technical Education

Career and technical education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions. Ennis ISD Division of Career and Technical Education (Public Notification of Nondiscrimination in Career and Technical Education Programs) EISD offers career and technical education programs from the 16 nationally established career cluster areas. Admission to these programs is based on career interest, aptitude and schedule availability. It is the policy of EISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities 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. It is the policy of EISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. EISD 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, Mr. Jay Tullos at 303 W. Knox St Ennis, TX 75119. Phone number 972-872-7000.

(Notificación Pública de No Discriminación en Programas Vocacionales Career and Technical Education Programs) El distrito escolar de Ennis ISD ofrece programas vocacionales en (tipo de programa). La admisión a estos programas se basa en (criterio para admisión). Es norma de EISD no discriminar por motivos de raza, color, origen nacional, sexo o impedimento, en sus programas, servicios o actividades vocacionales, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación, de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda. Es norma de EISD no discriminar por motivos de raza, color, origen nacional, sexo, impedimento o edad, en sus procedimientos de empleo, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación, de 1972, la ley de Discriminación por Edad, de 1975, según enmienda, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda. EISD tomará las medidas necesarias para asegurar que la falta de habilidad en el uso del inglés no sea un obstáculo para la admisión y participación en todos los programas educativos y vocacionales. Para información sobre sus derechos o procedimientos para quejas, comuníquese con el Coordinador del Título IX, Jay Tullos en la dirección 303 W Knox St en Ennis, Texas 75119 y/o llamar al 972-872-7000.

The 14 Career Clusters Career Clusters provide an organization of instruction and student experiences grouped within broad categories which encompass virtually all occupations from entry through professional levels. The fourteen clusters offered at EHS are:



The Agriculture, Food, and Natural Resources (AFNR) Career Cluster® focuses on the essential elements of life—food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes nontraditional agricultural occupations like wind energy, solar energy, and oil and gas production.



The Architecture and Construction Career Cluster® focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management.



The Arts, A/V Technology and Communications (AAVTC) Career Cluster® focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. Careers in the AAVTC Career Cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.



The Business Management and Administration Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.



The Education and Training Career Cluster focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster.



The Finance Career Cluster encompasses careers that focus on planning, services for financial and investment planning, banking, insurance, and business financial management. Careers in this field require problem-solving, organization, and communication skills.



The Health Science Career Cluster 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, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others.



The Hospitality and Tourism Career Cluster focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards.



The Human Services Career Cluster focuses on preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services.



The Law, Public Safety, Corrections, and Security Career Cluster® focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services.



The Manufacturing Career Cluster focuses on planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.



The Marketing Career Cluster focuses on planning, managing, and performing marketing activities to reach organizational objectives.



The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster® focuses on planning, managing, and providing scientific research and professional and technical services, including laboratory and testing services, and research and development services.



The Transportation, Distribution, and Logistics (TDL) Career Cluster® focuses on careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Agribusiness; Agriculture, Food, and Natural Resources Career Cluster



Level 1 Principles of Agriculture, Food, and Natural Resources

Level 2 Professional Communications

Level 3 n/a

Level 4 Practicum in Agriculture, Food, and Natural Resources
Career Preparation I

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
	Certified Professional Public Buyer	Agricultural Business and Management, General	Agricultural Business and Management, General	Agricultural Business and Management, General
		Banking and Financial Support Services	Finance, General	Finance, General
		Advertising	Financial Mathematics	Financial Mathematics
		Marketing/Marketing Management, General	Marketing/Marketing Management, General	Marketing/Marketing Management, General

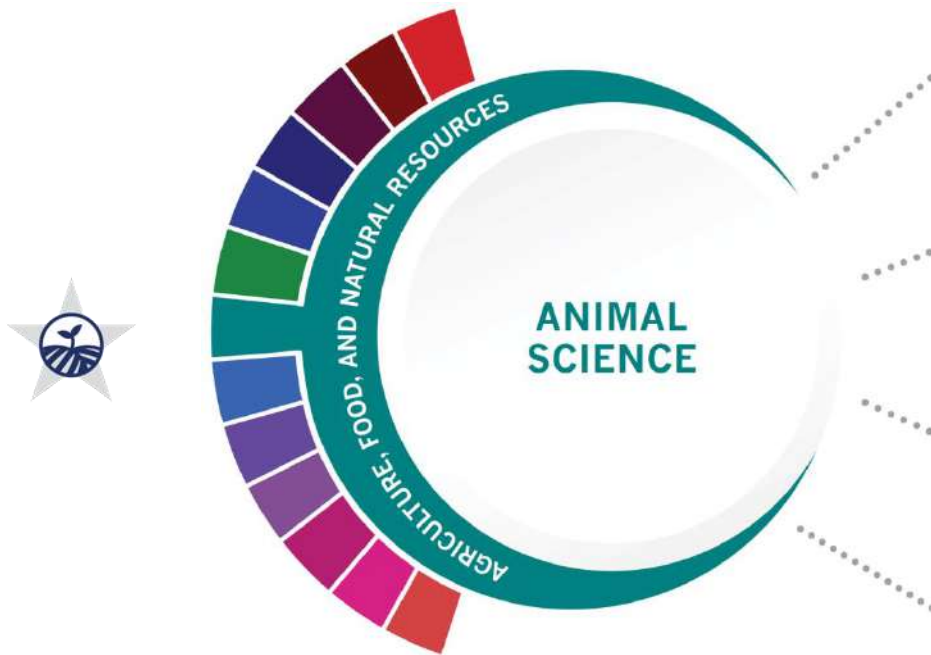
Occupations	Median Wage	Annual Openings	% Growth
Farmers, Ranchers, and Other Agricultural Managers	\$59,134	405	9%
Farm and Ranch Loan Officers	\$45,594	268	25%
Buyers and Purchasing Agents, Farm Products	\$46,488	102	20%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Tour a farm machinery products company Texas FFA	Internship with a farm machinery products company; Work on a farm or ranch FFA Supervised Agriculture Experience (SAE)

The Agribusiness program of study explores the occupations and educational opportunities associated with the business of farming and agriculturally related business that supplies farm inputs, such as machinery and seeds. This program of study may also include exploration into the marketing of farm products, the purchase of farm products either for further processing or resale and grading or classifying unprocessed food or other agricultural products. The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life—food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

Animal Science; Agriculture, Food, and Natural Resources Career Cluster



Level 1	Principles of Agriculture, Food, and Natural Resources
Level 2	Small Animal Management (0.5) Equine Science (0.5)
Level 3	Livestock Production/ Advanced Animal Science
Level 4	Veterinary Medical Applications Practicum in Agriculture, Food, and Natural Resources

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Licensed Veterinary Technician	Pet Groomer	Food Science and Technology	Animal Sciences	Genetics
Feedyard Technician in Cattle Care and Handling	Veterinary Technician	Veterinary Studies	Agriculture	Veterinary Medicine
Certified Veterinary Assistant	Licensed Breeder	Biotechnology Laboratory Technician	Biology	Biological and Physical Sciences
		Biology Technician	Zoology/Animal Biology	Biological and Biomedical Sciences

Occupations	Median Wage	Annual Openings	% Growth
Animal Breeders	\$39,135	28	9%
Animal Scientists	\$57,533	22	12%
Medical Scientists	\$63,898	435	27%
Veterinarians	\$93,496	294	24%
Zoologists and Wildlife Biologists	\$67,309	45	32%

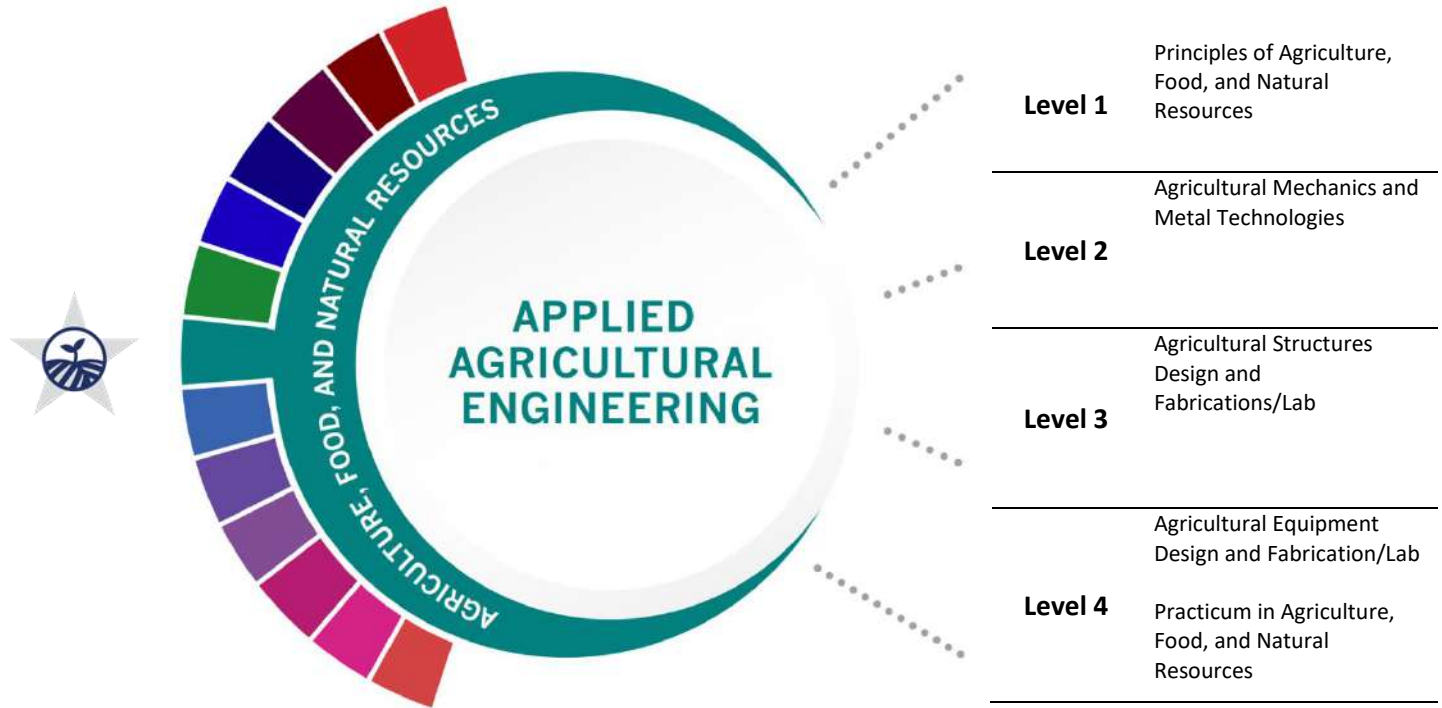
WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:

Work Based Learning Activities:

The Animal Science program of study focuses on the science, research, and business of animals and other living organisms. It teaches CTE learners how to apply biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any outdoor area harboring animal life. Students may also research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals.

Applied Agricultural Engineering; Agriculture, Food, and Natural Resources Career Cluster



HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
OSHA 30 Hour General Industry	Certified Professional Agronomist	Heavy Equipment Maintenance Technology/ Technician	Agricultural Engineering	Agricultural Engineering
Feedyard Technician in Machinery, Operation, Repair and Maintenance	Certified Reliability Engineer	Agricultural Mechanization, General	Agricultural Mechanization, General	Agricultural Mechanization, General
AWS SENSE Welding Level 1	Certified Irrigation Designer	Small Engine Mechanics and Repair Technology/ Technician		
AWS D1.1 or D9.1 Certification	Fluid Power Mobile Hydraulic Mechanic	Welding Technology/ Welder		

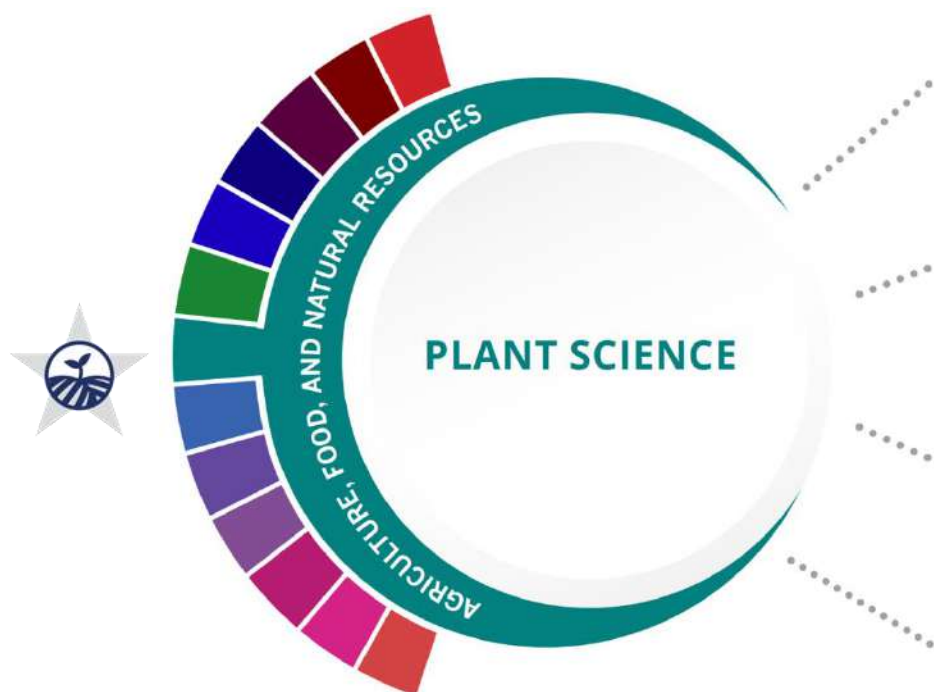
Occupations	Median Wage	Annual Openings	% Growth
Outdoor Power Equipment and Other Small Engine Mechanics	\$32,406	366	16%
Welders	\$41,350	6,171	9%
Farm Equipment Mechanics and Service Technicians	\$39,915	304	17%
Mobile Heavy Equipment Mechanics	\$47,299	1,627	16%
Agricultural Engineers	\$64,792	9	13%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Tour a farm products or machinery plant Texas FFA	Earn a welding certification Intern at a farm products or machinery plant FFA Supervised Agriculture Experience (SAE)

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.

Plant Science; Agriculture, Food, and Natural Resources Career Cluster



Level 1	Principles of Agriculture, Food, and Natural Resources
Level 2	Landscape Design and Management Turf Grass Management Greenhouse Operation and Production/Lab Floral Design/Lab
Level 3	Horticultural Science/Lab
Level 4	Practicum in Agriculture, Food, and Natural Resources Advanced Plant and Soil Science Advanced Floral Design

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Landscape Irrigation Technician License	Pesticide Applicator	Applied Horticulture/Horticulture Operations, General	Applied Horticulture/Horticulture Operations, General	Applied Horticulture/Horticulture Operations, General
Commercial/Noncommercial Pesticide Applicator	Certified Floral Designer	Ornamental Horticulture	Agronomy and Crop Science	Agronomy and Crop Science
Texas State Floral Association Level One Floral Certification	Accredited Member of AIFD	Agricultural Business and Management, General	Agricultural Business and Management, General	Agricultural Business and Management, General
Texas State Floral Association Level Two Floral Certification	Landscape Industry Certified Technician	Turf and Turfgrass Management	Turf and Turfgrass Management	Farm/Farm and Ranch Management

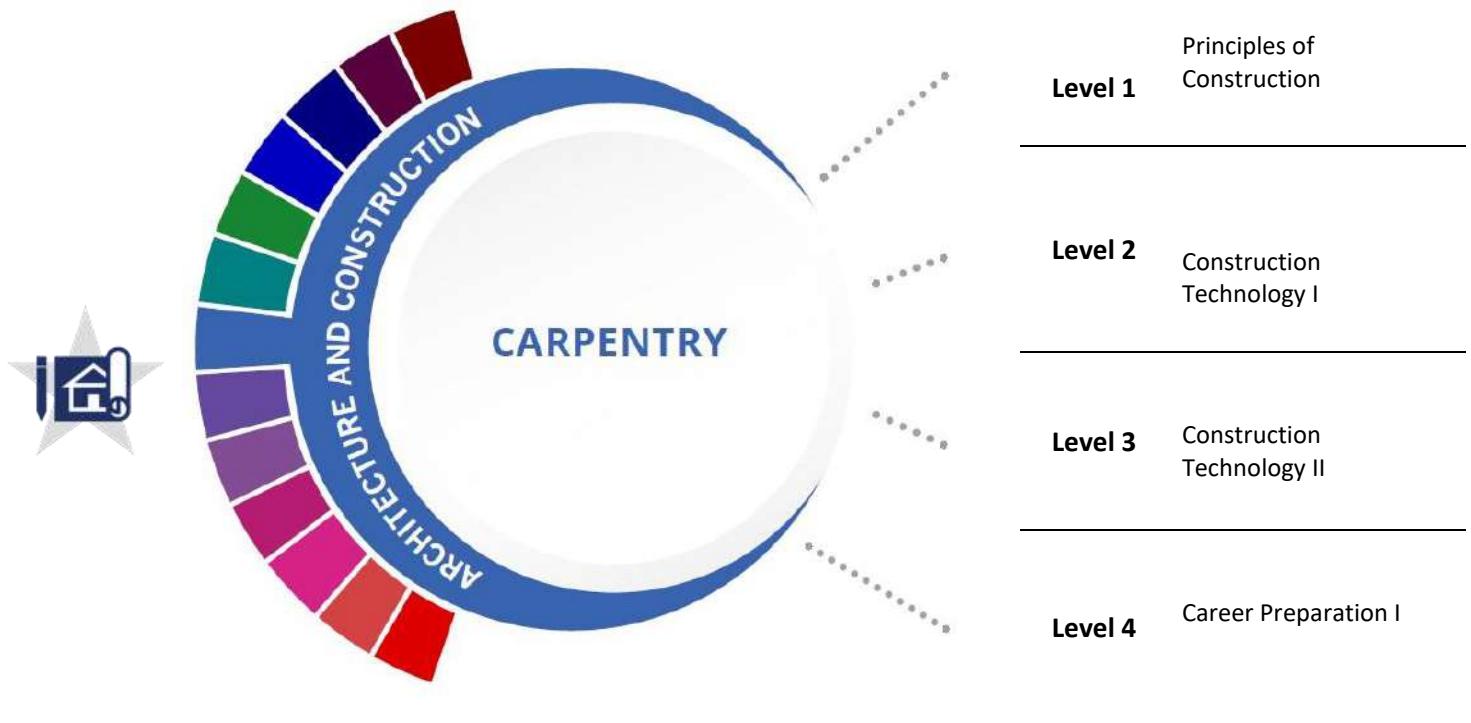
Occupations	Median Wage	Annual Openings	% Growth
Soil and Plant Scientists	\$54,662	116	21%
Tree Trimmers and Pruners	\$32,240	589	14%
Pesticide Handlers, Sprayers, and Applicators	\$36,733	196	22%
Landscaping Supervisors	\$44,408	807	19%
Biological Technicians	\$42,931	452	17%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Texas FFA	Work part-time at a florist; start or work for a local landscaping business FFA Supervised Agriculture Experience (SAE)

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. The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life—food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production. This cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy.

Carpentry; Architecture and Construction Career Cluster



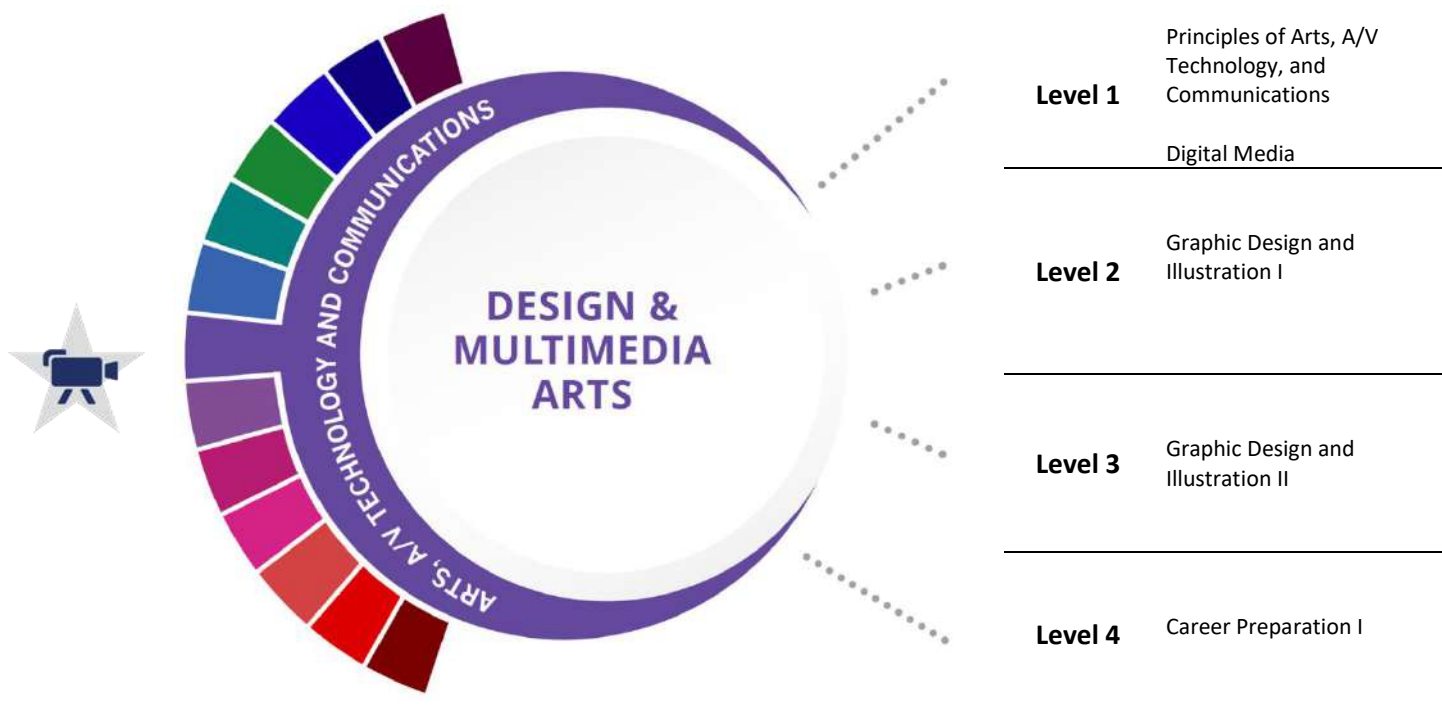
HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
NCCER Carpentry, Level 1 & 2	Certified Lead Carpenter	Carpentry/ Carpenter	Construction Science	Construction Management
NCCER Commercial Carpenter	Certified Installer	Industrial Mechanics and Maintenance Technology		
NCCER Core Curriculum	Certified Door Consultant			
NCCER Construction Technology	Fluid Power Connector and Conductor			

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Shadow a carpenter or millwright. SkillsUSA	Obtain an NCCER certification in Millwright Level 1 or Carpentry Level 1

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.

Design Multimedia Arts; Arts, A/V Technology and Communications career cluster



HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Adobe Certified Associate Certifications	Certified Digital Designer	Animation, Interactive Technology, Video Graphics and Special Effects	Animation, Interactive Technology, Video Graphics and Special Effects	Animation, Interactive Technology, Video Graphics and Special Effects
Adobe Certified Expert Certifications	WOW Certified Web Designer Apprentice	Graphic Design	Graphic Design	Graphic Design
Apple Logic Pro X	Adobe Suite Certifications	Game and Interactive Media Design	Game and Interactive Media Design	Intermedia/Multimedia

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

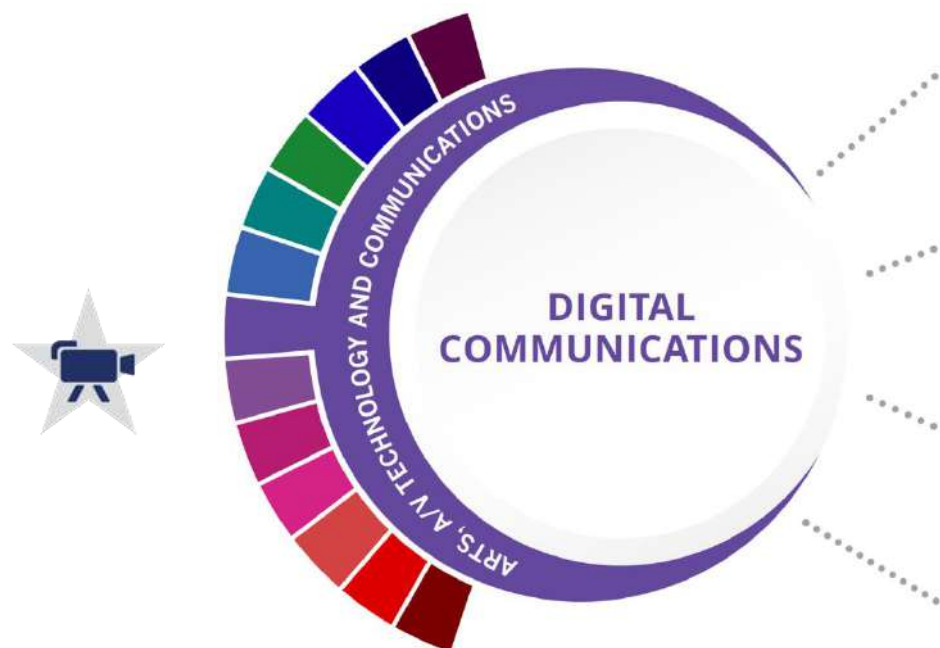
WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Join a website development or coding club. Participate in SkillsUSA or TSA	Intern with a multimedia or animation studio. Obtain a certificate or certification in graphic design.

The Design and Multimedia 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.

The Arts, A/V Technology and Communications (AAVTC) Career Cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. Careers in the AAVTC career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Design Multimedia Arts; Arts, A/V Technology and Communications career cluster



Level 1
Principles of Arts, A/V Technology, and Communications
Professional Communications

Level 2
Audio/Video Production I
Audio/Video Production I Lab

Level 3
Audio/Video Production II
Audio/Video Production II Lab

Level 4
Practicum of Audio/Video Production

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Apple Final Cut Pro X	Certified Video Engineer	Recording Arts Technology/Technician	Recording Arts Technology/Technician	Communications Technology/Technician
Apple Logic Pro X	Commercial Audio Technician	Cinematography and Film/Video Production	Cinematography and Film/Video Production	Cinematography and Film/Video Production
Adobe Certified Associate Premiere Pro	Certified AM Directional Specialist	Radio and Television Broadcasting Technology/Technician	Radio and Television	Radio and Television
Adobe Certified Associate Certifications	Certified Broadcast Radio Engineer	Music Technology	Agricultural Communication/Journalism	Agricultural Communication/Journalism

Occupations	Median Wage	Annual Openings	% Growth
Sound Engineering Technicians	\$39,562	79	27%
Camera Operators, Television, Video and Motion Picture	\$50,024	129	9%
Audio and Video Equipment Technicians	\$40,581	757	29%
Film and Video Editors	\$47,382	118	23%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Shadow a production team Participate in SkillsUSA or TSA	Intern at a local television station or video production company Work with a local company on a project

The Digital Communications program of study explores the occupations and educational opportunities associated with the production of audio and visual media formats for various purposes, such as TV broadcasts, advertising, video production, or motion pictures. This program of study may also include exploration into operating machines and equipment to record sound and images, such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment.

The Arts, A/V Technology and Communications (AAVTC) Career Cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. Careers in the AAVTC career cluster require a creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication.

Business Management; Business, Marketing and Finance Career Cluster



Level 1	Principles of Business, Marketing, and Finance
Level 2	Business Information Management I/Lab
Level 3	n/a
Level 4	Career Preparation I

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE / LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Microsoft Office Specialist or Expert- Excel	Certified Records Manager	Business Administration	Business Administration	Business Administration
Microsoft Office Specialist or Expert - Word	Certified Facility Manager	Business/Commerce	Business/Commerce	Business Management
Google Cloud Certified Professional – G-Suite	Certified Commercial Contracts Manager	Public Administration	Public Administration	Public Administration
Certified Associate in Project Management	Teradata 14 Basics/ Certified Technical Specialist	Business Management	Management Science	Management Science

Occupations	Median Wage	Annual Openings	% Growth
Administrative Service Managers	\$96,138	2,277	21%
Management Analysts	\$87,651	4,706	32%
General and Operations Managers	\$107,640	18,679	20%
Operations Research Analysts	\$78,083	1,128	38%
Supervisors of Administrative Support Workers	\$57,616	14,982	20%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Business Professional of America (BPA), Future Business Leaders of America (FBLA), and DECA	Internship with local business or chamber of commerce

The Business Management program of study teaches CTE learners how to plan, direct, and coordinate the administrative services and operations of an organization. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, and allocate the use of materials and human resources. This program of study will also introduce students to mathematical modeling tools and organizational evaluation methods. The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Accounting & Financial Services; Business, Marketing, and Finance Career Cluster



Level 1 Principles of Business, Marketing, and Finance

Business Information Management I

Level 2 Accounting I

Banking and Financial Services

Level 3 Accounting II

Level 4 Career Preparation I

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
QuickBooks Certified User	Certified Management Accountant	Real Estate	Accounting	Financial Accounting
Microsoft Office Specialist or Expert - Excel	Certified Internal Auditor	Financial, General	Financial, General	Business Administration
Certified Insurance Service Representative	Certified Income Specialist	Financial Planning and Services]	Financial Planning and Services]	Financial Planning
	Certified Public Accountant	Certified Income Specialist	Certified Income Specialist	

Occupations	Median Wage	Annual Openings	% Growth
Accountants and Auditors	\$71,469	14,436	22%
Loan Officers	\$68,598	2,419	19%
Personal Financial Advisors	\$86,965	1,861	52%
Administrative Service Managers	\$96,138	2,277	21%
Insurance Underwriters	\$66,206	594	14%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Business Professionals of America (BPA) Future Business Leaders of America (FBLA) DECA	Internship with local accounting firm Microsoft Office Specialist (MOS) certifications

The Accounting and Financial Services program of study teaches CTE learners how to examine, analyze, and interpret financial records. Through this program of study, students will learn the skills necessary to perform financial services, prepare financial statements, interpret accounting records, give advice, or audit and evaluate statements prepared by others. This program of study will also introduce students to mathematical modeling tools. The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Marketing and Sales; Business, Marketing, and Finance Career Cluster



Level 1 Principles of Business, Marketing, and Finance

Level 2 Sports and Entertainment Marketing

Level 3 n/a

Level 4 Career Preparation I

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE / LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Microsoft Office Specialist or Expert - Excel	Certified Product Manager	Marketing/ Marketing Management, General	Marketing/ Marketing Management, General	Marketing
Microsoft Office Specialist or Expert - Word	DMA Certified Marketing Professional	Consumer Merchandising/ Retailing Management	Business Administration	Business Administration
Google Analytics Individual Qualification	Certified Salesperson	International Marketing	Applied Economics	Applied Economics
Entrepreneurship and Small Business	Real Estate Appraiser	Business	Marketing Research	Advertising

Occupations	Median Wage	Annual Openings	% Growth
Marketing Research Analysts and Marketing Specialists	\$70,346	4,664	40%
Insurance Sales Agents	\$43,181	5,886	30%
First-Line Supervisors of Retail Sales Workers	\$72,550	2,826	15%
Wholesale and Retail Buyers	\$51,106	1,229	19%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Business Professionals of America (BPA), Future Business Leaders of America (FBLA), and DECA	Internship with local marketing firm; shadow a real estate agent; operate a school store on campus

The Marketing and Sales program of study teaches CTE learners how to collect information to determine potential sales of a product or service and/or create a marketing campaign to market or distribute goods and services. Through this program of study, students will learn the skills necessary to understand and apply data on customer demographics, preferences, needs, and buying habits. The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Culinary Arts; Hospitality and Tourism Career Cluster



Level 1 Introduction to Culinary Arts

Level 2 Culinary Arts

Level 3 Advanced Culinary Arts

Level 4 Career Preparation I

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Certified Fundamentals Cook	Certified Chef	Hotel and Restaurant Management	Hotel and Restaurant Management	Hotel and Restaurant Management
Certified Fundamentals Pastry Cook	Foodservice Management Professional	Restaurant Culinary and Catering Management	Food Service Systems Administration/Management	Food Service Systems Administration/Management
ServSafe Manager	Comprehensive Food Safety	Hospitality Administration/Management, General	Hospitality Administration/Management, General	Hospitality Administration/Management, General
ManageFirst Professional	Certified Food and Beverage Executive	Culinary Arts/ Chef Training	Culinary Science and Food Service Management	Business Administration Management, General

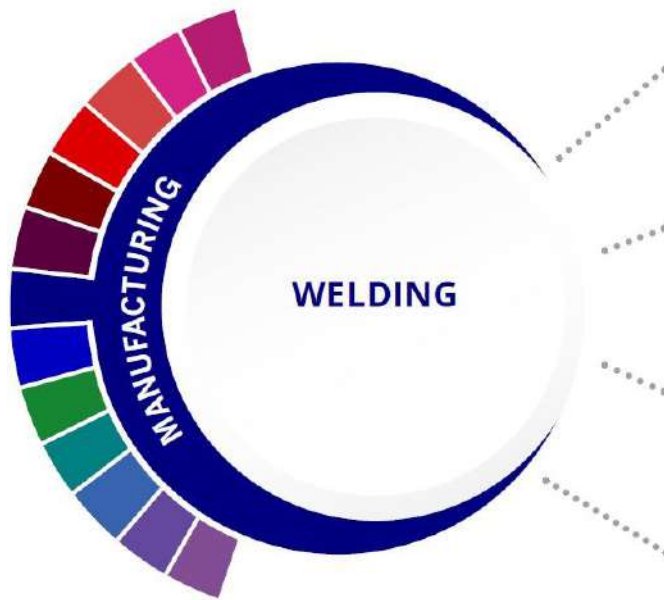
Occupations	Median Wage	Annual Openings	% Growth
Food and Beverage Managers	\$55,619	1,561	28%
Chef and Head Cooks	\$43,285	1,366	25%
Food Science Technicians	\$34,382	236	11%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Family, Career, and Community Leaders of America (FCCLA), SkillsUSA, American Culinary Federation, Texas Restaurant Association	Plan a catering event or work for a catering company; participate in a cooking course; work in a restaurant; cook at home

The Culinary Arts program of study introduces CTE learners to occupations and educational opportunities related to the planning, directing, or coordinating activities of a food and beverage organization or department. This program of study also explores opportunities involved in directing and participating in the preparation and cooking of food. The Hospitality and Tourism Career Cluster focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students acquire knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success.

Welding; Manufacturing Career Cluster



Level 1 Introduction to Welding

Level 2 Welding I
(2 class periods)

Level 3 Welding II/Lab
(2 class periods)

Level 4 Career Preparation I

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
AWS Certified Welder, D1.1, D9.1	Certified Welder or Welder Inspector	Certified Welder or Welder Inspector	Welding Engineering Technology/ Technician	Welding Engineering Technology/ Technician
ASW SENSE Level 1	Machining Level 1 - CNC Milling: Programming Setup & Operations	Machine Shop Technology/ Assistant	Biomedical Technology/ Technician	Occupational Health and Industrial Hygiene
API 1104 Welding Certificate	Certified Welding Engineering	Operations Management and Supervision	Operations Management and Supervision	Operations Management and Supervision
NCCER Welding, Level 1	Certified Environmental, Safety, and Health Trainer	Occupational Safety and Health Technology/ Technician	Environmental Health	Environmental Health

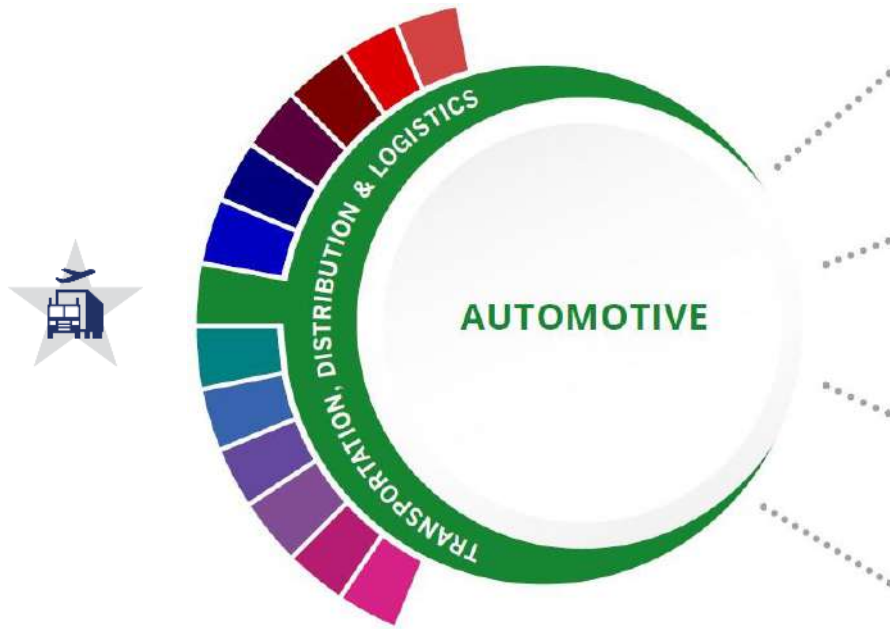
Occupations	Median Wage	Annual Openings	% Growth
Welders, Cutters, Solderers, and Brazers	\$41,350	6,171	9%
Welding Soldering and Brazing Machine Setters, Operators and Tenders	\$40,040	280	9%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Participate and compete in SkillsUSA Job shadow a machinist	Apprenticeship at a local business or industry American Welding Society

The Welding program of study focuses on the development and use of automatic and computer-controlled machines, tools, and robots that perform work on metal or plastic. CTE learners will learn how to modify parts to make or repair machine tools or maintain individual machines, and how to use hand-welding or flame-cutting equipment. **The Manufacturing Career Cluster focuses on planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.**

Automotive Transportation, Distribution, and Logistics Career Cluster



Level 1	n/a
Level 2	Automotive Basics
Level 3	Automotive Technology I
Level 4	Automotive Technology II with Lab

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Automotive Service Excellence (ASE) Entry Level	Master Collision Repair and Refinishing Technician	Autobody/Collision and Repair Technology/Technician		Mechanical Engineering
Automotive Service Excellence (ASE) Professional Level	Automobile Technician: various systems and parts	Medium/Heavy Vehicle and Truck Technology/Technician		
	Engine Machinist Technician	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Engineering/Mechanical Technology/Technician	
	Collision Repair and Refinish			

Occupations	Median Wage	Annual Openings	% Growth
Automotive Body and Related Repairers	\$40,144	1,456	25%
Automotive Service Technician and Mechanics	\$38,459	5,557	18%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
SkillsUSA competition Automotive Service Association	Work at a local automotive repair or body shop.

The Automotive program of study teaches CTE learners how to repair and refinish automobiles and service various types of vehicles. CTE learners may learn to collect payment for services or supplies and perform typical vehicle maintenance procedures such as lubrication, oil changes, installation of antifreeze, or replacement of accessories like wiper blades or tires. The Transportation, Distribution, and Logistics Career Cluster focuses on careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also includes related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Teaching and Training; Education and Training Career Cluster



Level 1	Child Development
Level 2	Principles of Education and Training
Level 3	Instructional Practices
Level 4	Practicum in Education and Training Career Preparation I

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Educational Aide I	Texas Educator Certification Program	Teacher Education	Bilingual and Multilingual Education	Instruction and Learning
	Educational Instructional Technology	Education, General (or specific subject area)	Education, General (or specific subject area)	Educational Leadership and Administration, General
	Counselor, Professional	Special Education	Special Education	Special Education
	Athletic Trainer	Health and Physical Education/Fitness	Health and Physical Education/Fitness	Social and Philosophical Foundations of Education

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%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Texas Association of Future Educators, or Family, Career and Community Leaders of America	Teach a community education class; intern as a teaching assistant or tutor; serve as a camp counselor.

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. The Education and Training Career Cluster focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster.

Law Enforcement; Public Service Career Cluster



Level 1 Principles of Law, Public Safety, Corrections, and Security

Level 2 Law Enforcement I

Level 3 Law Enforcement II

Level 4 Forensic Science

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Non-Commissioned Security Officer Level II	Law Enforcement Officer	Criminal Justice/Safety Studies/Law Enforcement Administration	Criminal Justice/Safety Studies/Law Enforcement Administration	Criminal Justice/Safety Studies/Law Enforcement Administration
Emergency Telecommunicator	Private Investigator/ Security Guard	Criminal Justice/ Police Science	Criminal Justice/ Police Science	Natural Resources Law Enforcement and Protective Services
	Code Enforcement Officer	Corrections	Juvenile Corrections	
	Certified Law Enforcement Planner	Criminalistics and Criminal Science	Cyber/ Computer Forensics and Counterterrorism	

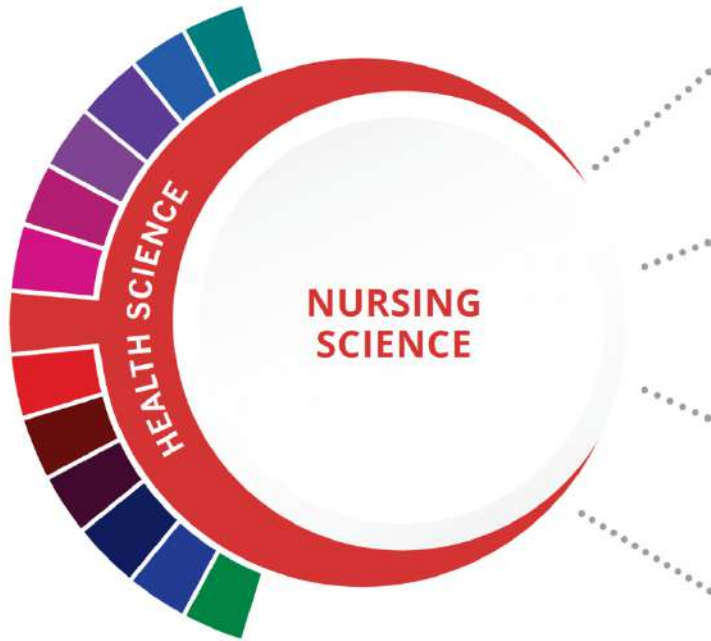
Occupations	Median Wage	Annual Openings	% Growth
Police and Sheriff's Patrol Officers	\$60,112	5,241	13%
Probation Officers and Correctional Treatment Officers	\$44,054	793	9%
Correctional Officers and Jailers	\$40,186	4,683	9%
Immigration and Customs Inspectors	\$78,104	1,236	9%
First-Line Supervisors of Police and Detectives	\$91,312	253	25%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Texas Public Service Association; criminal justice clubs	Attend court hearings and other legal procedures

The Law Enforcement program of study teaches CTE learners about the development of, adherence to, and protection of various branches of law. Students will learn how to appropriately and legally respond to breaches in the law according to statutory rules and regulations as well as investigate how and why the breaches occurred.

Nursing Science; Health Science Career Cluster



Level 1 Principles of Health Science

Level 2 Medical Terminology

Level 3 Anatomy and Physiology
Practicum in Nursing I
(Rotations)

Level 4 Pharmacology
Practicum in Nursing II
(Clinicals)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Certified Medical Assistant	Licensed Vocational Nurse	Registered Nursing/ Registered Nurse	Informatics Nurse Specialists	Nurse Practitioner
Certified Nurse Aide/Assistant				Nursing Administration
Certified Patient Care Technician				Nurse Anesthetist

Occupations	Median Wage	Annual Openings	% Growth
Licensed Vocational Nurses	\$45,178	7,186	21%
Registered Nurses	\$68,682	17,493	26%
Nurse Practitioners	\$107,827	977	50%
Nurse Anesthetists	\$154,856	357	23%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Health Occupation Students of America (HOSA)	Volunteer at a community wellness center, hospital, assisted living center, or nursing home.

The Nursing Science program of study introduces students to the knowledge and skills related to patient care. CTE learners may learn about or practice caring for patients, routine procedures such as monitoring vital signs, development and implementation of care plans, maintenance of medical records, and disease or pain management. Students may focus on the healthcare system and research system designs and make recommended modifications. The Health Science Career Cluster 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. learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others. security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services.



Level 1	Principles of Cosmetology Design and Color Theory
Level 2	Introduction to Cosmetology
Level 3	Cosmetology I/ Lab
Level 4	Cosmetology II/ Lab

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Cosmetology Operator License	Certified Aesthetic Laser Operator	Cosmetology/Cosmetologist, General		
Cosmetology Esthetician Specialty License	Cosmetologist	Aesthetician/Esthetician and Skin Care Specialist		
Cosmetology Manicurist Specialty License	Certified Spa Supervisor	Salon/Beauty Salon Management/Manager		
Barber Operating License	Nail Technician/Specialist and Manicurist	Cosmetology, Barber/Styling and Nail Instructor		

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
First-Line Supervisors of Personal Service Workers	\$36,941	1,634	24%
Barbers	\$28,267	348	14%
Hairdressers, Hairstylists, and Cosmetologists	\$21,507	3,489	22%
Manicurists and Pedicurists	\$21,715	418	45%
Shampooers	\$18,720	139	24%
Skincare Specialists	\$26,437	637	22%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

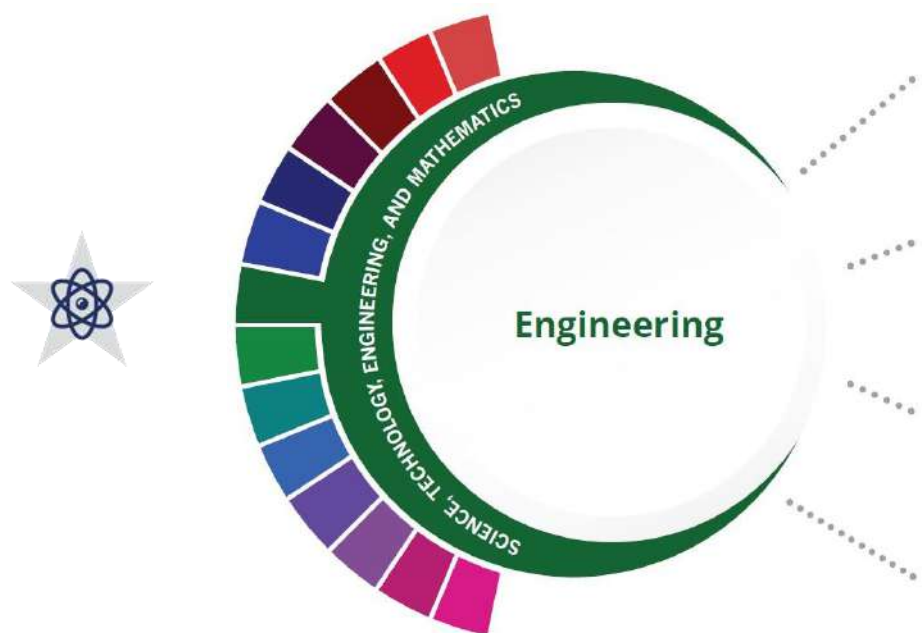
Exploration Activities:	Work Based Learning Activities:
Participation in a Career and Technical Student Organization such as TIVA, or SKILLS USA	Job shadow a cosmetologist Work part-time at a beauty salon, spa, or barbershop

The Cosmetology and Personal Care Services program of study introduces CTE learners to knowledge and skills related to providing beauty and personal care services. CTE concentrators may learn about or practice managing personal care facilities and coordinating or supervising personal service workers.



The Human Services Career Cluster focuses on preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services.

Engineering; Science, Technology, Engineering, and Mathematics Career Cluster



	Principles of Applied Engineering
Level 1	Introduction to Engineering Design (PLTW)
Level 2	n/a
	Engineering and Design and Development (PLTW)
	Engineering Design and Presentation I
Level 3	Aerospace Engineering (PLTW)
	Digital Electronics
	Engineering Design and Problem Solving
Level 4	Engineering Design and Presentation II

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Autodesk Certified Professional or User (ACU)-Inventor	Engineer, Professional	Electrical and Electronics Engineering	Electrical and Electronics Engineering	Electrical and Electronics Engineering
Certified SolidWorks Associate (CSWA)	Fluid Power Systems Designer	Drafting and Design Technology/Technician, General	CAD/CADD Drafting and/or Design Technology/Technician	Mechanical Engineering
Certified Engineering Technician-Audio Systems	Certified Biomedical Auditor	Engineering Technology	Bioengineering and Biomedical Engineering	Bioengineering and Biomedical Engineering
	Certified Cost Estimator/Analyst		Construction Engineering Technology/Technician	

Occupations	Median Wage	Annual Openings	% Growth
Aerospace Engineers	\$110,843	481	9%
Industrial Engineers	\$97,074	1,263	10%
Mechanical Engineers	\$91,107	1,535	11%
Chemical Engineers	\$112,819	474	9%
Electrical Engineers	\$98,405	1,137	10%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Participate in competitions like Skills USA	Engineering internship Job shadow a machinist

The Engineering program of study focuses on the design, development, and use of engines, machines, and structures. CTE learners will learn how to apply science, mathematical methods, and empirical evidence to the innovation, design, construction, operation, and maintenance of different manufacturing systems. **The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing, scientific research and professional and technical services, including laboratory and testing services, and research and development service.**

Endorsement: Business & Industry



Cluster: Agriculture Food, and Natural Resources

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life—food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

Agribusiness			
EHS Course #	Level	Course Name	Credits
8601	1	Principles of Ag, Food, and Natural Resources	1
1502	2	Professional Communication (Speech)	0.5
	3	TBD	
8915	4	Practicum in Ag, Food, and Natural Resources OR	2
9000		Career Preparation I	2-3

[What is Agribusiness?](#)

[A Look Into the College Major of Agribusiness](#)



Animal Science			
EHS Course #	Level	Course Name	Credits
8601	1	Principles of Ag, Food, and Natural Resources	1
8603	2	Small Animal Management AND	0.5
8606		Equine Science	0.5
8611	3	Livestock Production	1
8614	4	Advanced Animal Science AND/OR	1
8607		Veterinary Medical Applications	1

[A Day in the Life of a Veterinarian](#)



Applied Agricultural Engineering

EHS Course #	Level	Course Name	Credits
8601	1	Principles of Ag, Food, and Natural Resources	1
8616	2	Ag Mechanics and Metal Technologies / Lab	1 or 2
8659	3	Ag Structure Design and Fabrication / Lab	1 or 2
8915	4	Practicum in Ag, Food, and Natural Resources OR	2

What is Agricultural Structure Design and Fabrication?



Plant Science

EHS Course #	Level	Course Name	Credits
8601	1	Principles of Ag, Food, and Natural Resources	1
8609	2	Landscape Design and Management	0.5
8912		Turf Grass Management	0.5
8622		Greenhouse Operations and Production / Lab	1-2
8608	3	Floral Design	1
8615		Horticultural Science	1
8617	4	Advanced Plant and Soil Science	1
8815		Advanced Floral Design	1

What is Landscape Architecture?

Greenhouse Operations

What is Floral Design?



Endorsement: Business & Industry



Cluster: Construction

The Construction Career Cluster focuses on designing, planning, managing, building, and maintaining the built environment. Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management.

Carpentry			
EHS Course #	Level	Course Name	Credits
8627	1	Principles of Construction	1
8903	2	Construction Technology I	2
8628	3	Construction Technology II	2
9000	4	Career Preparation I	2

[Types of Construction Careers](#)

[Woodworking \(5 types of Joints\)](#)

[Building a Adirondack Wood Chair](#)



Endorsement: Business & Industry



Cluster: Arts, Audio Visual Technology, and Communications

Digital Communications			
EHS Course #	Level	Course Name	Credits
9040	1	Principles of Arts, A/V Tech, and Communications	1
9162	2	Audio/Video Production I OR	1
8630		Audio/Video Production I (Lab)	2
9041	3	Audio/Video Production II OR	1
8631		Audio/Video Production II (Lab)	2
8664	4	Practicum in Audio/Video Production	2

[A Look Into an A/V Production Class](#)



Design and Multimedia Arts			
EHS Course #	Level	Course Name	Credits
9040	1	Principles of Arts, A/V Tech, and Communications	1
8632	2	Graphic Design I or	1
8636		Fashion Design I with Lab	2
8634	3	Graphic Design II or	1
8637		Fashion Design II with Lab	2
9000	4	Career Preparation I	2

[What is Graphic Design?](#)

[Are You Ready to be a Fashion Designer?](#)



Endorsement: Business & Industry



Cluster: Business, Marketing and Finance

The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Business Management			
EHS Course #	Level	Course Name	Credits
8201	1	Principles of Business, Marketing, and Finance	1
8101	1	Business Info Management I	1
8205	2	Business Info Management II	1
9000	4	Career Preparation I	2

What Careers Can Business Management Lead Me?



Accounting and Financial Services			
EHS Course #	Level	Course Name	Credits
8201	1	Principles of Business, Marketing, and Finance AND/OR	1
8101		Business Info Management I	1
8205	2	Accounting I	1
8204		Banking and Financial Services	0.5
8206	3	Accounting II	1
9000	4	Career Preparation I	2

What is Accounting?

Marketing and Sales			
EHS Course #	Level	Course Name	Credits
8201	1	Principles of Business, Marketing, and Finance	1
8205	2	Sports and Entertainment Marketing	0.5
	3	TBD	
9000	4	Career Preparation I	2

What Does a Marketing Student Learn About?



Endorsement: Business & Industry



Cluster: Hospitality and Tourism

The Hospitality and Tourism Career Cluster® focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students acquire knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success.

Culinary Arts			
EHS Course #	Level	Course Name	Credits
8644	1	Intro to Culinary Arts	1
8645	2	Culinary Arts	1
8646	3	Advanced Culinary Arts	1
9000	4	Career Preparation I	2

[What is Culinary Arts?](#)



Endorsement: Business & Industry



Cluster: Manufacturing

The Manufacturing Career Cluster focuses on planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.

Welding			
EHS Course #	Level	Course Name	Credits
8616	n/a	Ag Mechanics and Metal Technologies	1
8650	1	Intro to Welding	1
8701	2	Welding I	2
8702	3	Welding II	2

[Welding Career Video #1](#)

[Welding Career Video #2](#)



Endorsement: Business & Industry



Cluster: Transportation

The Transportation, Distribution, and Logistics (TDL) Career Cluster focuses on careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance

Transportation			
EHS Course #	Level	Course Name	Credits
8616	n/a	Ag Mechanics and Metal Technologies	1
8150	2	Automotive Basics	1
8002	3	Automotive Technology I	2
8003	4	Automotive Technology II with Lab OR	3
9000		Career Preparation I	2

[A Day in the Life of an Automotive Technician](#)



National Institute for
**AUTOMOTIVE
SERVICE
EXCELLENCE**

Endorsement: Public Service



Cluster: Education and Training

The Education and Training Career Cluster focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster.

Teaching and Learning			
EHS Course #	Level	Course Name	Credits
8303	1	Child Development	1
8638	2	Principles of Education and Training	1
8308	3	Instructional Practice (Ready, Set, Teach I)	1
8641	4	Practicum in Education and Training (Ready, Set, Teach II) OR	2
9000		Career Preparation I	3

[A Day in the Life of a Teacher](#)



TAFE
Texas Association of Future Educators

Endorsement: Public Service



Cluster: Law, Public Safety, Corrections, and Security

The Law and Public Safety Career Cluster focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services.

Law Enforcement			
EHS Course #	Level	Course Name	Credits
8400	1	Principles of Law, Public Safety, Corrections, and Security	1
8401	2	Law Enforcement I	1
8403	3	Law Enforcement II	1
9683	4	Forensic Science	1

Optional

Court Systems - (1 Credit) Course number - 8402

[What Jobs Are There in Law Enforcement?](#)



Endorsement: Human Service



Cluster: Health Science

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostic 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.

Nursing Science			
EHS Course #	Level	Course Name	Credits
5004	1	Principles of Health Science	1
5007	2	Medical Terminology	1
3403	3	Anatomy and Physiology	1
5005		Practicum of Health Science I (<i>Rotations</i>)	2
8642	4	Pharmacology	1
5006		Practicum of Health Science (<i>Work Program</i>)	3

What Do Nurses Do at Work?



Endorsement: Public Service



Cluster: Human Services

The Human Services Career Cluster focuses on preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services.

Cosmetology			
EHS Course #	Level	Course Name	Credits
8500	1	Introduction to Cosmetology	1
8648	2	Principles of Cosmetology Design and Color Theory	1
8501	3	Cosmetology I with Lab	3
8502	4	Cosmetology II with Lab	3

[Check Out What Cosmetology Has to Offer](#)



**Endorsement: Science, Technology, Engineering,
and Math (STEM)**



Cluster: STEM

The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing scientific research and professional and technical services, including laboratory and testing services, and research and development services.

Engineering (Project Lead The Way)			
EHS Course #	Level	Course Name	Credits
8810	1	Intro to Engineering Design	1
8811	2	Principles of Applied Engineering	1
8812	3	Digital Electronics	1
8670	3	Aerospace Engineering	1

Engineering (Concentration in Design and Drafting)			
EHS Course #	Level	Course Name	Credits
8801	1	Principles of Applied Engineering	1
8802	2	Architecture Design I	1
8803	3	Engineering Design and Presentation I	1
8804	3	Engineering Design and Presentation II	2

Optional Elective

8145 Robotics (local credit)

What is Engineering? What Careers Are There In Engineering?

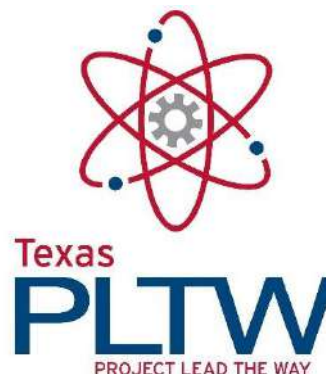
Project Lead The Way (PLTW)

Design and Drafting Software

[AutoCAD](#)

[Revit](#)

[Inventor](#)



CTE Courses Listed by Course Number

1000-1999

Professional Communications

Course number – 1502

Grade Placement: 9-12 PROFCOMM

GPA Level: 2

Credit: 0.5 TEA code: 13009900

Prerequisite: None

Professional Communications blends written, oral, and graphic communication in a career-based environment. 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.

5000-5999

Principles of Health Science

Course number – 5006

Grade Placement: 9-12 PRINHLSC

GPA Level: 2

Credit: 1 TEA code: 13020200

Prerequisite: None

Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry.

Medical Terminology

Course number - 5007

Grade Placement: 10-12 MEDTERM

GPA Level: 2

Credit: 1 TEA code: 13020300

Prerequisite: Principles of Health Science

This course is designed to introduce students to the structure of medical terms and word-building skills. Students identify proper use of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Practicum in Health Science I (Rotations)

Course number – 5006

Grade Placement: 11-12 PRACHLS1

GPA Level: 2

Credit: 2 TEA code: 13020500

Prerequisite: Principles of Health Science; and Biology and Medical Terminology

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

Practicum in Health Science II (Work Program)

Course number – 5005

Grade Placement: 12 EXPRHLS1

GPA Level: 2

Credit: 3 TEA code: 13020505

Prerequisite: Health Science Rotations (Practicum I)

The Practicum in Health Science course is designed to give students practical on-site application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations off-campus and appropriate to the nature and level of experience for each student.

8000-8999

Automotive Technology I

Course number – 8002

Grade Placement: 11-12 AUTOTEC1

GPA Level: 2

Credit: 2 TEA code: 13039600

Prerequisite: Automotive Basic

Automotive Technology I: Maintenance and Light Repair includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. This course includes applicable safety and environmental rules and regulations. In Automotive Technology I: Maintenance and Light Repair, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

Automotive Technology II

Course number – 8003

Grade Placement: 12 AUTOTEC2

GPA Level: 2

Credit: 2 TEA code: 13039700

Prerequisite: Automotive Technology I

Automotive Technology II: Automotive Service includes knowledge of the major automotive systems and the principles of diagnosing and servicing these systems. [Advanced] Automotive Technology II: Automotive Service includes applicable safety and environmental rules and regulations. In this course, students will gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study will allow students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tools identification, proper tool use, and employability.

Business Information Management I

Course number – 8101

Grade Placement: 9-11 BUSIM1

GPA Level: 2

Credit: 1 TEA code: 13011400

Prerequisite: None

BIM1 develops technology skills with applications to personal or business situations focusing on word processing, spreadsheets, databases, telecommunications, desktop publishing, presentation management, networking, operating systems, and emerging technologies. It develops intermediate-level skills and can count for one credit of Technology Applications. Students in this class may qualify for articulated credit at Navarro College.

Business Information Management II

Course number – 8102

Grade Placement: 9-12 BUSIM2

GPA Level: 2

Credit: 1 TEA code: 13011500

Prerequisite: Business Information Management I

BUSIM2 provides advanced technology skills required in the business environment. It includes workplace

technology standards in applications of word processing, spreadsheets, databases, telecommunications, desktop publishing, presentation management, networking, operating systems, and emerging technologies. It develops advanced level skills. Students will have the opportunity to become a Microsoft Office Specialist in Word, Excel, Access, and/or PowerPoint. Students will be required to purchase one or two Microsoft Office Specialist Exam.

Digital Media

Course number – 8103

Grade Placement: 10-12 DIMEDIA

GPA Level: 2

Credit: 1 TEA code: 13027800

Recommended Prerequisite: BIM

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

Web Technologies

Course number – 8105

Grade Placement: 10-12 WEBTECH

GPA Level: 2

Credit: 1 TEA code: 13027900

Recommended Prerequisite: BIM

Through the study of web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

Intro to Computing - COSC 1301 (dual credit)

Course number – 8117

Grade Placement: 10-12 PRINTECH

GPA Level: 4

Credit: 0.5 TEA code: 13037100

College Credit Hours: 3

Prerequisite: Meet TSI eligibility in Reading and Writing

This course is an overview of computer systems-hardware, operating systems, and microcomputer application software, including the internet, word processing, spreadsheets, presentation graphics, and databases as well as current issues (i.e. the effects of computers on society) and history of computers in business, educational, and other modern settings are also studied.

Fundamentals of Programming - COSC 1315 (dual credit)

Course number – 8117A

Grade Placement: 10-12 TAFCS

GPA Level: 4

Credit: 0.5 TEA code: 03580140

College Credit Hours: 3

Prerequisite: Meet TSI eligibility in Reading and Writing

Introduction to computer programming. Emphasis on the fundamentals of structured design, development, testing, implementation, and documentation. Includes coverage of language, syntax data and file structures, input/output devices, and disks/files.

Beginning Keyboarding - POFT 1329 (dual credit)

Course number – 8121

Grade Placement: 10-12 BUSIM1

GPA Level: 4

Credit: 0.5

TEA code: 13011400

College Credit Hours: 3

Prerequisite: Meet TSI eligibility in Reading and Writing

In this course, students will focus on skills development in keyboarding techniques. Emphasis on development of acceptable speed and accuracy levels and formatting basic documents. *This course does not fulfil the Texas common core requirements for technology/computer science at Texas public colleges/universities, but may be used as a college level elective. Consultation with a college level advisor recommended to check compatibility in your college degree plan.*

Robotics and Computer Science (UIL)

Course number – 8145

Grade Placement: 9-12

GPA Level: 1

Credit: 1 (Local*)

TEA code: 847000UIL

Prerequisite: Introduction to Engineering Design

Students explore a broad range of engineering topics including mechanisms, strength of structure and materials, and automation, and then they apply what they know to take on challenges like designing a self-powered car.

**Local credits do not count towards the state graduation requirements.*

Automotive Basics

Course number – 8150

Grade Placement: 10-12

AUTOBASC

GPA Level: 2

Credit: 1.0

TEA Code: 13039550

Prerequisite: None

Automotive Basics includes knowledge of the basic automotive systems and the theory and principles of the components that make up each system and how to service these systems. Automotive Basics includes applicable safety and environmental rules and regulations. In Automotive Basics students will gain knowledge and skills in the repair, maintenance, and servicing of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach safety, tool identification, proper tool use, and employability.

Principles of Business, Marketing, and Finance

Course number – 8201

Grade Placement: 9-12

PRINBMF

GPA Level: 2

Credit: 1.0

TEA code: 13011200

Prerequisite: None

This course introduces practical business procedures; develops foundation for self-sufficiency in today's world; develops skills necessary for success in the workforce; and develops effective communications and information

Banking and Financial Services

Course number – 8204

Grade Placement: 9-12

BANKFIN

GPA Level: 2

Credit: 0.5 (one semester)

TEA code: 13016300

Prerequisite: None

Banking and Financial Services, students will develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent employees and

entrepreneurs. Students will incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.

Accounting I

Course number – 8205

Grade Placement: 10-12 ACCOUNT1

GPA Level: 2

Credit: 1 TEA code: 13016600

Recommended Prerequisite: Principles of Business, Marketing, and Finance

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

Accounting II

Course number – 8206

Grade Placement: 11-12 ACCOUNT2

GPA Level: 2

Credit: 1 TEA code: 13016700

Prerequisite: Accounting I

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making. Students in this class may qualify for articulated credit at Navarro College.

Sports and Entertainment Marketing

Course number – 8210

Grade Placement: 9-12 SPORTSEM

GPA Level: 2

Credit: 0.5 (one semester) TEA code: 13034600

Prerequisite: None

Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

Instructional Practices (Ready, Set, Teach I)

Course number - 8308

Grade Placement: 11-12 INPREDTR

GPA Level: 2

Credit: 2 TEA code: 13014400

Prerequisite: Human Growth and Development

Instructional Practices is a campus-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.

Fashion Design I

Course number – 8305

Grade Placement: 10 FASDSN1

GPA Level: 2

Credit: 2 TEA code: 13009300

Prerequisite: Principles of Human Services

Careers in fashion span all aspects of the textile and apparel industries. 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 an understanding of the fashion industry with an emphasis on design and construction.

Fashion Design II

Course number – 8312

Grade Placement: 11 FASDSN2

GPA Level: 2

Credit: 2 TEA code: 13009400

Prerequisite: Fashion Design I

Careers in fashion span all aspects of the textile and apparel industries. 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 an understanding of the fashion industry with an emphasis on design and construction.

Principles of Law, Public Safety, Corrections, and Security

Course number – 8400

Grade Placement: 9-12 PRINLPCS

GPA Level: 2

Credit: 1 TEA code: 13029200

Prerequisite: None

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

Law Enforcement I

Course number – 8401

Grade Placement: 10-12 LAWENFI

GPA Level: 2

Credit: 1 TEA code: 13029300

Prerequisite: Principles of Law, Public Safety, Corrections, and Security

Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime. Students in this class may qualify for articulated credit at Navarro College.

Court Systems and Practices

Course number – 8402

Grade Placement: 11-12 COURTSP

GPA Level: 2

Credit: 1 TEA code: 13029600

Recommended Prerequisite: Principles of Law, Public Safety, Corrections, and Security

This course includes an overview of the federal and state court systems. Emphasis is placed on constitutional laws for criminal procedures, the roles of judicial officers, pretrial and trial processes and sentencing, and the types and rules of evidence. Students in this class may qualify for articulated credit at Navarro College.

Law Enforcement II

Course number – 8403

Grade Placement: 11-12 LAWENF2

GPA Level: 2

Credit: 1 TEA code: 13029400

Prerequisite: Law Enforcement I

This course provides the knowledge and skills necessary to prepare for a career in law enforcement. It includes ethical and legal responsibilities, operation of police and emergency telecommunications equipment, and courtroom testimony. Students in this class may qualify for articulated credit at Navarro College.

Introduction to Cosmetology

Course number – 8500

Grade Placement: 9 INTRCOSMO

GPA Level: 2

Credit: 1 TEA code: 13025100

Prerequisite: None

Students explore areas such as bacteriology, sterilization, and sanitation, hair styling, manicuring, shampooing, and the principles of hair cutting, hair styling, hair coloring, skin care and facial makeup. The student researches careers in the personal care service industry. To prepare for success, students must have skills relative to this industry, as well as academic knowledge and skills. Students may begin to earn clock hours toward state licensing requirements. Fees for permit apply; see instructor for current rates.

Cosmetology I

Course number – 8501

Grade Placement: 11-12 CSMTI

GPA Level: 2

Credit: 3 TEA code: 13025200

Prerequisite: Introduction to Cosmetology

Students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job- specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills are included. Students in this class may qualify for articulated credit at Navarro College. Fees for materials kits apply; see instructor for rates.

Cosmetology II

Course number – 8502

Grade Placement: 12 CSMT2

GPA Level: 2

Credit: 3 TEA code: 13025300

Prerequisite: Cosmetology I

Students review academic knowledge and skills related to cosmetology. This course is designed to provide advanced training for employment in cosmetology careers. Instruction includes advanced training in sterilization and sanitation processes, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Students apply, combine, and justify knowledge and skills to a variety of settings and problems. This course utilizes three class periods as well as before- and after-school attendance. Students in this class may qualify for articulated credit at Navarro College. Fees for materials apply; see instructor for rates.

Principles of Agriculture, Food & Natural Resources

Course Number - 8601

Grade Placement: 9-12 PRINAFNR

GPA Level: 2

Credit: 1 TEA code: 13000200

Prerequisite: None

To be prepared for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

Small Animal Management

Course Number - 8603

Grade Placement: 10-12 SMANIMGT

GPA Level: 2

Credit: 0.5 TEA code: 13000400

Prerequisite: Principles of Ag/Food & Natural Resources

To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills related to animal systems. This is an introductory course for students interested in learning about animal science.

Equine Science

Course Number - 8606

Grade Placement: 10-12 EQUINESC

GPA Level: 2

Credit: 0.5 TEA code: 13000500

Prerequisite: Principles of Ag/Food & Natural Resources

To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. In this technical course, students will develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses.

Veterinary Medical Applications

Course Number - 8607

Grade Placement: 11-12 VETMEDAP

GPA Level: 2

Credit: 1 TEA code: 13000600

Prerequisite: Small Animal Management

This course provides training in proper animal handling and the application of medical, diagnostic, and therapeutic principles to small and large animals. Students begin preparation for the veterinary assistant field and prepare for the vet tech certification exam.

Floral Design

Course Number - 8608

Grade Placement: 9-12 FLORAL

GPA Level: 2

Credit: 1 TEA code: 13001800

Prerequisite: Principles of Ag/Food & Natural Resources

To be prepared for careers in floral design, students need to attain academic skills and knowledge as well as technical knowledge and skills related to horticultural systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply and transfer their knowledge and skills and technologies in a variety of settings. This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises.

Landscape Design and Management

Course Number - 8609

Grade Placement: 10-12 LNDTGMGT

GPA Level: 2

Credit: 1 TEA code: 13001900

Recommended: Principles of Ag/Food & Natural Resources

To be prepared for careers in horticultural systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of landscape and turf grass management techniques and practices.

Livestock Production

Course Number - 8611

Grade Placement: 10-12 LIVEPROD

GPA Level: 2

Credit: 1 TEA code: 13000300

Prerequisite: Principles of Ag/Food & Natural Resources

To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

Advanced Animal Science

Course Number - 8614

Grade Placement: 11-12 ADVANSCI

GPA Level: 2

Credit: 1 TEA code: 13000700

Prerequisite: Recommended: Animal Science Track

Advanced Animal Science. To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. The course will also cover the nature of science, scientific inquiry, science and social ethics; and Science, systems, and models.

Horticulture Science

Course Number - 8615

Grade Placement: 11-12 HORTISCI

GPA Level: 2

Credit: 1 TEA code: 13002000

Recommended: Principles of Ag/Food & Natural Resources

To be prepared for careers in horticultural systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to horticulture and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production

Agricultural Mechanics / Metal Technologies

Course number – 8616

Grade Placement: 9-12 AGMECHMT

GPA Level: 2

Credit: 1 TEA code: 13002200

Recommended Prerequisite: Principles of Ag/Food & Natural Resources

To be prepared for careers in agricultural power, structural, and technical systems, students need to 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. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

Advanced Plant and Soil Science

Course Number - 8617

Grade Placement: 12 ADVPSSCI

GPA Level: 2

Credit: 1 TEA code: 13002100

Prerequisite: none

Recommended prerequisite: Level 3 Horticulture Science Pathway course

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. (2) Investigations, laboratory practices, and field exercises will be used to develop an understanding of current plant and soil science. (3) This course is designed to prepare students for careers in the food and fiber industry. Students will learn, reinforce, apply, and transfer their knowledge in a scientific setting.

Greenhouse Operations and Production

Course Number - 8622

Grade Placement: 12 GREOP

GPA Level: 2

Credit: 1 TEA code: 13002050

Prerequisite: Horticulture

Greenhouse Operation and Production is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Principles of Construction

Course number – 8627

Grade Placement: 9-12 PRINCON

GPA Level: 2

Credit: 1 TEA code: 13004220

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 is recommended. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment.

Construction Technology II

Course number – 8628

Grade Placement: 11 CONSTTECH2

GPA Level: 2 TEA code: 13005200

Credit: 2

Prerequisite: Construction Technology I

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

Audio Video Production I with Lab

Course number – 8630

Grade Placement: 10-12 AVPLAB1

GPA Level: 2

Credit: 2 TEA code: 13008510

Prerequisite: Principles of Arts, A/V Technology, and Communications and departmental selection process.

This course is designed **with a lab** to provide job-specific training for entry-level employment in movie, video, and television careers. Students study video technologies, basic equipment operation, video composition, basic lighting and audio production planning, and visual storytelling. Students work individually and in groups to create video projects utilizing professional editing equipment and software. Ultimately, students will create a demo DVD of their work. Students will also be responsible for the production of EISD programs covering many of the activities and events throughout the district.

Advanced Audio Video II Production with Lab

Course number – 8631

Grade Placement: 11-12 AVPLAB2

GPA Level: 2

Credit: 2 TEA code: 13008610

Prerequisite: Audio Video Production and departmental selection process

This course **with a lab** refines video and multimedia production skills to prepare the student for post-secondary education or entry-level employment in the media technology industry. Students will be responsible for the production of several programs such as “Shattered Dreams” and the senior class video. Seniors will work on producing their personal demo reel, which they will be able to utilize for acceptance to various colleges, trade schools, and internships. Additionally, students will have the opportunity to test for their Television Operator’s License and become Apple Final Cut Pro certified as a video editor. This course utilizes two class periods. Students in this class may qualify for articulated credit at Navarro College.

Graphic Design and Illustration I

Course number – 8632

Grade Placement: 11-12 GRAPHDI1

GPA Level: 2

Credit: 1 TEA code: 13008800

Prerequisite: Principles of Arts, A/V Tech, and Communications

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 and Illustration II

Course number – 8634

Grade Placement: 12 GRAPHDI2

GPA Level: 2

Credit: 1 TEA code: 13008900

Prerequisite: Graphic Design and Illustration I

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.

Fashion Design I with Lab

Course number – 8636

Grade Placement: 10 FASLAB1

GPA Level: 2

Credit: 2 TEA code: 13009310

Prerequisite: Principles of Human Services

This course, **with a lab**, explores careers in fashion that span all aspects of the textile and apparel industries. 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 an understanding of the fashion industry with an emphasis on design and construction.

Fashion Design II with Lab

Course number – 8637

Grade Placement: 11 FASLAB2

GPA Level: 2

Credit: 2 TEA code: 13009410

Prerequisite: Fashion Design I

This course, **with a lab**, explores careers in fashion span all aspects of the textile and apparel industries. 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 an understanding of the fashion industry with an emphasis on design and construction.

Principles of Education and Training

Course number - 8638

Grade Placement: 10-12 PRINEDTR

GPA Level: 2

Credit: 1 TEA code: 13014200

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.

Practicum in Education and Training (Ready, Set, Teach II)

Course number – 8641

Grade Placement: 12 PRACEDTR

GPA Level: 2

Credit: 2 TEA code: 13014500

Prerequisite: Instructional Practices

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.

Pharmacology

Course number – 8642

Grade Placement: 12 PHARMC

GPA Level: 2

Credit: 1

TEA code: 13020950

Prerequisite: Health Science Rotations

The Pharmacology course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever-changing, growing body of information that continually demands greater amounts of time and education from health care workers.

Principles of Cosmetology Design and Color Theory

Course number – 8648

Grade Placement: 10-12 PCDCT

GPA Level: 2

Credit: 1

TEA code: N1302539

Prerequisite: Introduction to Cosmetology

In Principles of Cosmetology Design and Color Theory, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Students will attain academic skills and knowledge as well as technical knowledge and skills related to cosmetology design and color theory. Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

Introduction to Culinary Arts

Course number – 8644

Grade Placement: 10-12 INCULART

GPA Level: 2

Credit: 1

TEA code: 13022550

Prerequisite: Principles of Human Services

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the foodservice industry. This course is offered as a classroom and laboratory-based course.

Culinary Arts

Course number – 8645

Grade Placement: 11-12 CULARTS

GPA Level: 2.

Credit: 2

TEA code: 13022600

Prerequisite: Introduction to Culinary Arts

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course.

Advanced Culinary Arts

Course number – 8646

Grade Placement: 12 ADCULART

GPA Level: 2

Credit: 2

TEA code: 13022650

Prerequisite: Culinary Arts

Advanced Culinary Arts will extend content and enhance skills introduced in Culinary Arts by in-depth instruction of industry-driven standards in order to prepare students for success in higher education, certifications, and/or immediate employment.

Introduction to Welding

Course number – 8650

Grade Placement: 10-12 INTWELD

GPA Level: 2

Credit: 1

TEA code: 13032300

Prerequisite: Principles of Manufacturing

Introduction to Welding will provide an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. Students will develop knowledge and skills related to welding and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success.

Agricultural Structures Design and Fabrication

Course Number - 8659

Grade Placement: 11 AGSDF

GPA Level: 2

Credit: 1

TEA Code:13002300

Prerequisite: Agricultural Mechanics and Metal Technologies

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

Practicum in Audio Video Production

Course number - 8664

Grade Placement: 12 PRACAVT

GPA Level: 2

Credit: 2

TEA code: 13008700

Prerequisites: Principles Arts, A/V Technology and Communications, Audio Video Production I, Advanced Audio Video Production II, and departmental selection process In this project based production course, students gain advice from leaders in the film/video industry. Students will be responsible for the production of several programs and the senior class video. Seniors will work on producing their personal demo reel, which they will be able to utilize for acceptance to various colleges, trade schools, and internships. This course utilizes two class periods.

Aerospace Engineering

Course number - 8670

Grade Placement: 11 AERO

GPA Level: 2

Credit: 1

TEA code: N1303745

Prerequisite: Principles of Engineering

This Project Lead The Way (PLTW) course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

Welding I

Course number – 8701

Grade Placement: 11-12 WELD

GPA Level: 2

Credit: 2 TEA code: 13032300

Prerequisite: Introduction to Welding

Rapid advances in technology have created new career opportunities and demands in many industries. Welding provides the knowledge, skills, and technologies required for employment in metal technology systems. Students develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

Welding II

Course number – 8702

Grade Placement: 11-12 ADVWELD

GPA Level: 2

Credit: 2 (with Lab 3) TEA code: 13032400

Prerequisite: Welding I

Advanced Welding builds on knowledge and skills developed in Welding. Students will develop advanced welding concepts and skills as they relate to personal and career development. This course integrates academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

Principles of Applied Engineering

Course number – 8801

Grade Placement: 9-12 PRINAPPENG

GPA Level: 2

Credit: 1 TEA code: 13036200

Prerequisite: None

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will use a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields and will be able to make informed decisions regarding a coherent sequence of subsequent courses. Further, students will have worked on a design team to develop a 3-D model. Students will use a modern software applications to prepare and present course assignments.

Architectural Design I

Course number – 8802

Grade Placement: 10-12 ARCHDSN1

GPA Level: 2

Credit: 1 TEA code: 13004600

Prerequisite: Principles of Construction or Principles of Architecture

In Architectural Design I, students will gain knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design I includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for nonresidential or residential architectural purposes

Engineering Design Presentation

Course number – 8803

Grade Placement: 11-12 ENGDSR1

GPA Level: 2

Credit: 1 TEA code: 13036500

Prerequisite: Architecture Design; and Principles of Construction or Principles of Applied Engineering

Engineering Design and Presentation I is a continuation of knowledge and skills learned in Principles of Applied Engineering. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Additionally, students explore career opportunities in engineering, technology, and drafting and what is required to gain and maintain employment in these areas.

Advanced Engineering Design Presentation

Course number - 8804

Grade Placement: 12 ENGDSR2

GPA Level: 2

Credit: 2 TEA code: 13036600

Prerequisite: Engineering Design Presentation

Engineering Design and Presentation II is a continuation of knowledge and skills learned in Engineering Design and Presentation I. Students enrolled in this course will demonstrate knowledge and skills of the design process as it applies to engineering fields using multiple software applications and tools necessary to produce and present working drawings, solid model renderings, and prototypes. Students will use a variety of computer hardware and software applications to complete assignments and projects. Through implementation of the design process, students will transfer advanced academic skills to component designs. Emphasis will be placed on using skills from ideation through prototyping.

Introduction to Engineering Design

Course Number - 8810

Grade Placement: 9-10 IED

GPA Level: 2.

Credit: 1 TEA code: N1303742

Prerequisite: Final Level II (Satisfactory) on most recent STAAR Math and Science exams

This Project Lead The Way (PLTW) course takes students into the engineering process by applying math, science, and engineering standards to hands-on projects. Students will work individually and in teams to design solutions to a variety of problems and document their work. This is the foundational course for the Project Lead the Way engineering pathway.

Principles of Applied Engineering

Course Number - 8811

Grade Placement: 11 PRINENG

GPA Level: 2

Credit: 1 TEA code: 13037500

Prerequisite: Introduction to Engineering Design

Students explore a broad range of engineering topics including mechanisms, strength of structure and materials, and automation, and then they apply what they know to take on challenges like designing a self-powered car.

Digital Electronics

Course number – 8812

Grade Placement: 11 DIGELC

GPA Level: 2

Credit: 1 TEA code: 13037600

Prerequisite: Principles of Engineering

Students explore the foundations of computing by engaging in circuit design processes to create combinational logic and sequential logic (memory) as electrical engineers do in industry.

Advanced Floral Design

Course Number - 8815

Grade Placement: 11-12 ADVFLDSN

GPA Level: 2

Credit: 1 TEA code: N1300265

Prerequisite: Principles and Elements of Floral Design

To continue preparation for careers in floral design, students in this course will obtain academic skills and knowledge as well as technical knowledge and skills related to horticultural systems and develop knowledge of the floral industry. To prepare for success, students need opportunities to learn, reinforce, apply and transfer their knowledge and skills and technologies in a variety of settings. This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to advanced floral design as well as develop an understanding of the management of floral enterprises.

Construction Technology I

Course number – 8903

Grade Placement: 10 CONSTTECH1

GPA Level: 2

Credit: 2 TEA code: 13005100

Prerequisite: Principles of Construction or Principles of Architecture

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.

Practicum in Agriculture, Food, and Natural Resources

Course Number - 8915

Grade Placement: 11-12 PRACAFNR

GPA Level: 2

Credit: 2 TEA code: 13002500

Prerequisite: Level 3 course in one of these programs of study: Agribusiness, Animal Science, Applied Ag Engineering, or Plant Science.

This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a capstone experience for students participating in a coherent sequence of career and technical education courses. This course includes technical instruction, on-the-job training, and work experience for high school students preparing to enter employment in the agriculture, food, natural resources/vet tech fields. This course requires 2-3 class periods scheduled consecutively.

Agricultural Structures Design and Fabrication with Lab

Course Number - 8659

Grade Placement: 11 AGSDFLAB

GPA Level: 2

Credit: 2 TEA Code: 13002310

Prerequisite: Agricultural Mechanics and Metal Technologies

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 Mechanics and Metal Technologies

Course number – 8700

Grade Placement: 9-12 AGMECHMT

GPA Level: 2

Credit: 1 TEA code: 13002200

Recommended Prerequisite: Principles of Ag/Food & Natural Resources

To be prepared for careers in agricultural power, structural, and technical systems, students need to 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. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

Child Development

Course number - TBD

Grade Placement: 9-12 CHILDDEV

GPA Level: 2

Credit: 1 TEA code: 13024700

Prerequisite: Principles of Education and Training

Child Development is an examination of human development from birth to the age of 21, with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental. In the education pathway, this course will focus heavily on the child and adolescent stages of human development.

UIL Computer Science/Robotics

Course number – 9152

Grade Level: 9-12 UILCOMPSCI

GPA Level: 1

Credit: 0.5-1 (Local) TEA code: Local Code

Recommended Prerequisite: UIL Sponsor Recommendation

This course is designed to provide enrichment in the field of computer science and robotics in order to prepare students for UIL competitions. The UIL computer Science contest challenges students to study a broad range of areas in computer science and has both an individual and a team component. Competition consists of a 45-minute written exam for both components, along with a two-hour programming contest for teams. *Local credits do not fulfill state graduation requirements.*

Career Preparation 1

Course number – 9000

Grade Placement: 11-12 MKTGDYN

GPA Level: 2

Credit: 2-3 TEA code: 12701300

Recommended Prerequisite: Principles of Business, Marketing, and Finance / Age 16, good attendance, responsible behavior, good work habits

Students gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions. This course may include paid or unpaid career preparation experience. This course utilizes three class periods.
Requirements for Career Preparation I: min. age 16, good attendance, responsible behavior, & good work habits.

Career Preparation II

Course number – 9001

Grade Placement: 12 PRACMKTG

GPA Level: 2

Credit: 2-3 TEA code: 12701400

Prerequisite: Career Prep I, departmental selection process

Through course required employment, students gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to create the marketing mix. This course covers technology, communication, and customer-service skills. The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. The practicum course is a paid or unpaid experience for students participating in a coherent sequence of career and technical education courses. This course utilizes three class periods.

Requirements for Career Preparation II: min. age 16, good attendance, responsible behavior, & good work habits.

Principles of Arts, A/V Technology, & Communications

Course number – 9040

Grade Placement: 9-12 PRINAAVTC

GPA Level: 2

Credit: 1 TEA code: 13008200

Prerequisite: None

This course will introduce students to careers in the Arts, Audio/Video Technology and Communications career cluster. Students will develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those careers. It covers information related to animation, commercial photography, graphic design, audio/video production, and fashion design. Primarily, the students will ultimately create a video but will also incorporate all of the other areas by creating promotional/advertising materials for their video. This course is designed for freshmen as an overview of the Art/AV/Comm. cluster but sophomores are also welcome.

Audio Video II Production

Course number – 9041

Grade Placement: 11-12 AVPROD2

GPA Level: 2

Credit: 2 TEA code: 13008600

Prerequisite: Audio Video Production and departmental selection process

This one period course refines video and multimedia production skills to prepare the student for post-secondary

education or entry-level employment in the media technology industry. Students will be responsible for the production of several programs such as “Shattered Dreams” and the senior class video. Seniors will work on producing their personal demo reel, which they will be able to utilize for acceptance to various colleges, trade schools, and internships. Additionally, students will have the opportunity to test for their Television Operator's License and become Apple Final Cut Pro certified as a video editor. This course utilizes two class periods. Students in this class may qualify for articulated credit at Navarro College.

Audio Video Production I

Course number – 9162

Grade Placement: 10-12 AVPROD1

GPA Level: 2

Credit: 2

TEA code: 13008500

Prerequisite: Principles of Arts, A/V Technology, and Communications and departmental selection process. This one period course is designed to provide job-specific training for entry-level employment in movie, video, and television careers. Students study video technologies, basic equipment operation, video composition, basic lighting and audio production planning, and visual storytelling. Students work individually and in groups to create video projects utilizing professional editing equipment and software. Ultimately, students will create a demo DVD of their work. Students will also be responsible for the production of EISD programs covering

Forensic Science

Course number – 9683

Grade Placement: 11-12 FORENSCI

GPA Level: 2

Credit: 1

TEA code: 13029500

Recommended Prerequisite: Biology, Chemistry, Principles of Law, Public Safety, Corrections, & Security; and Law I

Students in this course learn a structured and scientific approach to the investigation of crimes. This CTE course may also count as a student's 4th science credit for completion of selected endorsements requiring the fourth-year science.