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# COURSE CATALOG

## GROESBECK HIGH SCHOOL



## 2023 - 2024

Groesbeck Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing educational services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Section 504 of the Rehabilitation Act of 1972, as amended.

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Superintendent: Anthony Figueroa  
Principal: Dr. Bonnie Bomar  
Assistant Principal: Holly Black  
Athletic Director: Jerry Bomar

## INTRODUCTION

The Groesbeck High School Course Catalog is intended for the use of both parents/guardians and students and represents the school administration's continuing efforts to provide pertinent information about high school, specifically, a description of courses offered. In addition to the High School staff, It is also the responsibility of students and parents/guardians to ensure that all graduation requirements are met. This catalog will assist in course selections that will meet goals for the future as well as satisfy graduation requirements for the state of Texas. This catalog also reflects a program that will help students to build the skills and knowledge necessary to meet the challenges and increasing demands of the work force and of college and university programs of study. Students and parents/guardians are encouraged to review this catalog, and visit with their school counselors, as they build their high school graduation plan and beyond.

This selection catalog lists the high school course offerings with grade placement, credit(s), prerequisites, and brief course descriptions for each course. It should be noted that not all of the courses listed are scheduled every year. For a class to be offered, a minimum number of 12 students must request that course and course offerings are based upon instructor availability and certification. For this reason, it may be necessary to schedule classes on an alternate-year basis or to eliminate them. When a sufficient number of student requests warrant it, every effort will be made to offer a desired course. **Requests for changes in courses must be made within the first 5 days of each semester through the Counselors' office and will require parent notification. Requests will be honored based on need, feasibility and availability within the existing schedule.**

One can find valuable information as well as programs of study and graduation requirements in this catalog. This course selection catalog, along with the Counselor Page on the Groesbeck ISD webpage, is a tool for students and parents/guardians to explore and to help organize your student's learning around programs of study that will prepare her/him to pursue higher education and/or seek meaningful employment. Considering graduation requirements and preliminary post-secondary plans, a personalized graduation plan (PGP) is developed as a team effort by the student, parents/guardians, and the school counselor. This PGP must be signed by the end of a student's 9th grade year.

The student's transcript is the official record of all grades earned and all credits awarded and is stamped with a seal to indicate which of the state-mandated programs the student achieved. An official transcript can be requested through the counselor page on the Groesbeck ISD webpage.

Groesbeck ISD reserves the right to reduce or eliminate courses and/or programs due to lack of enrollment, changes in district facilities, or financial constraint. All information contained herein is subject to alteration due to Board or administrative action or unforeseen changes to the school calendar or operations.

# GROESBECK ISD MISSION STATEMENT

The mission of Groesbeck ISD is to ensure that every student achieves maximum potential.

## Non-Discrimination Statement

It is the policy of GISD 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.

## Confidentiality Statement

GISD, in accordance with the Family Educational Rights and Privacy Act (20 U.S.C. §1232g; 34 CFR Part 99) restricts access to protected student records as required by law. Directory information on students will be released upon request without a parent's consent, unless the parent elects in writing to restrict directory information. The form on which parents can indicate their election is sent home each year.

The following District staff members have been designated to coordinate compliance with these requirements:

**Title IX Coordinator** : Deana Rand, Administrative Services Director  
Groesbeck ISD  
1202 N. Ellis  
Groesbeck, TX 76642  
254-729-4100

**Section 504 Coordinator** : Melody Sadler, Special Programs Director  
504 Coordinator  
Groesbeck ISD  
1202 N. Ellis  
Groesbeck, Texas 76642  
254-729-4139

# IMPORTANT FACTS THAT YOU SHOULD KNOW!

## **NINTH GRADE:**

Once you leave middle school and enter ninth grade, it will be important for you to make a tentative decision about your graduation plan. You will complete the Foundation Plan with Endorsements/Performance Acknowledgements. The STAAR End of Course test will be administered. Students interested in taking dual credit courses will need to take and pass the TSI test. PGPs must be signed by student and parent/guardian and on file at this time.

## **TENTH GRADE:**

During your tenth grade year, you will begin to determine the best options for planning your future. You must take the STAAR End of Course tests. Students interested in taking dual credit courses will need to take and pass the TSI test.

## **ELEVENTH GRADE:**

This year will be filled with testing opportunities, which will help determine the direction of your future. This is the year to take the PSAT (Preliminary Scholastic Aptitude Test). Other tests to be taken this year include the SAT and/or ACT and the ASVAB (Armed Services Vocational Aptitude Battery) test. Juniors may be able to participate in CTE Career Prep. or Practicum classes. They may leave campus to meet these course requirements. Juniors will not be allowed an "off" period.

## **TWELFTH GRADE:**

The big year has finally arrived! Make your last year in high school worry free by checking with your counselor early to be sure you have met all requirements for graduation. Discuss post-secondary plans to be sure that you have all the necessary requirements for your school of choice.

Seniors who have enough credits will be given the option to attend seven periods instead of eight. They have the option of having only 1<sup>st</sup> or 8<sup>th</sup> period off. They must be in school for consecutive periods. Seniors may be able to participate in CTE Career Prep or Practicum classes. They may leave campus to meet these course requirements.

The following conditions must be met in order for a senior to be able to leave early:

- Students must have passed all sections of the STAAR End of Course tests the previous year.
- Students must have had fewer than 8 unexcused absences the previous year.
- Students must be able to earn all their required credits necessary for graduation.

Please remember that there is no guarantee that all of a student's needed courses will fall into these periods on the schedule. Students may request to leave early or come late, but there is no guarantee that the Master Schedule will accommodate this.

## **STAAR TESTING:**

STAAR tests will be administered for the following courses:

Algebra

English 1

US History

Biology

English 2

Students will take the STAAR tests for courses they are enrolled in each school year. If the passing standard is not met, the students must continue to retest until a passing standard has been met. This would be in addition to any current year

tests. In order for GHS to meet state mandated remediation, students who do not pass their EOC's will be placed in Success classes in addition to their core classes until the subject EOC (s) have been passed.

## **STAAR EOC Remediation:**

Students who do not pass a section of their STAAR End of Course tests from the previous school year, will be required to take certain courses to prepare them to master the exams. In addition to that, HB4545 requires that 30 hours of on grade level remediation are required in the subject area failed. See your counselor for specific information.

## **GRADUATION REQUIREMENTS:**

All students must complete the required number of credits to receive a high school diploma. In addition to the successful completion of the number of credits, students graduating from a Texas high school must receive a passing score on five End of Course (EOC) exams including Algebra 1, Biology, US History, English 1 and English 2. Students must also fulfill the state requirements of taking a speech class, completing the financial aid requirement (FAFSA), and completing both CPR and Peace Officer Interaction Training.

### **Financial Aid Requirement**

Students who meet the GISD curriculum requirements for graduation are eligible to apply for financial aid for post secondary education. To apply for federal and state financial aid, complete the FAFSA available online or via phone app at <https://fafsa.ed.gov>. Beginning in the 2021-2022 school year, ALL seniors must complete the financial aid requirement. It is important to apply for financial aid early in senior year once the FAFSA is open in October. Students that are not eligible to fill out the FAFSA may still apply for state aid through the Texas Application for State Financial Aid (TASFA) application. For additional information about Texas Federal aid, visit: <http://www.collegeforalltexans.com>. Texas also offers aid through the Hazlewood Act, which provides tuition benefits for qualified veterans and dependent children. You may learn more about this at <https://www.tvc.texas.gov/education/hazlewood-act/>.

### **CPR Requirement**

All students must complete a certified CPR class in order to graduate. The cost of the course is covered by the district.

### **Peace Officer Interaction Training Requirement**

All students must complete the Peace Officer Interaction Training in order to graduate. The cost of the course is covered by the district.

### **Speech Requirement**

Students will take a semester long speech class and they will demonstrate proficiency in delivering clear, verbal messages; choosing effective nonverbal behaviors; listening for desired results; applying valid critical- thinking and problem-solving processes; and identifying, analyzing, developing, and evaluating communication skills needed for professional and social success in interpersonal situations, group interaction, and personal and professional presentations.

All graduates will be awarded the same type of diploma. The Academic Achievement Record (transcript) will be utilized to record individual achievement and courses completed. Depending upon the courses completed, students will have one of the following programs posted to their transcript: Foundation High School Plan, Foundation with Endorsements Plan, Foundation with Endorsements Distinguished Level, or Foundation with Distinguished Level with Endorsements and Performance Acknowledgements. All students will enter high school under the Foundation High School Plan with Endorsements.

## GRADE LEVEL CLASSIFICATION:

Freshman:	0-6 ½ credits
Sophomore:	7-13 ½ credits
Junior:	14-20 ½ credits
Senior:	21 or more credits

Classification is determined at the **beginning** of each school year based on credits earned.

## GROESBECK HIGH SCHOOL GRADUATION REQUIREMENTS

SUBJECT AREA	FOUNDATION HIGH SCHOOL PLAN (FHSP) WITH ENDORSEMENTS
ENGLISH	4
MATHEMATICS (Must take Algebra 1 and Geometry)	4
SCIENCE (One credit must be Biology)	4
SOCIAL STUDIES & ECONOMICS	4
PHYSICAL EDUCATION	1
SPEECH/HEALTH	1
TECHNOLOGY	1
FOREIGN LANGUAGE (all of same language)	2
FINE ARTS (all of same subject)	1
ADDITIONAL ELECTIVES	6
<b>TOTAL</b>	<b>28</b>

All students will enter high school under the Foundation High School Plan with Endorsements.

## FOR DISTINGUISHED LEVEL:

The Distinguished Level is needed for top 10% automatic admission. It must include the following:

- Foundation requirements
- 4 credits of Science
- 4 credits of Math
- **Algebra II must be one of the 4 Math credits**
- Requirements for one Endorsement

## Algebra II Notification

The Foundation High School Program with endorsements allows students to pursue their interests. It is the default graduation program for students who entered high school in the 2014-15 school year or thereafter. The graduation program provides flexibility for high school students to pursue post-secondary higher education in an area of interest for them. Additionally, a student can enhance their graduation program and earn the Distinguished Level of Achievement for outstanding performance.

A recent update by state law (*Texas Education Code, Section 28.025*) does not require students to successfully complete Algebra II as a requirement for high school graduation. However, there are potential consequences to a student who does not successfully complete an Algebra II course.

A Student is eligible for automatic admission to most Texas public colleges or universities as an undergraduate student if the student earns a grade point average in the top 10 percent of the student's high school graduating class and successfully completes the requirements for the Distinguished Level of Achievement under the Foundation High School Program. To earn the Distinguished Level of Achievement or be eligible for automatic admission to a Texas public college or university as an undergraduate student, the student must successfully complete high school Algebra II. Furthermore, successfully completing Algebra II is necessary to be eligible for certain financial aid including: the TEXAS grant program under Subchapter M, Chapter 56; and the Texas Educational Opportunity Grant Program under Subchapter P, Chapter 56.

Course selection is an integral component of each student's high school and post secondary educational journey. Students who desire to opt out of Algebra II should carefully consider the implications of the action with their parent/guardian and school counselor before doing so. It is vital that your student research the core academic requirements for admission to the college or university of his or her choice before opting out of Algebra II.

It is the responsibility of the GHS staff, partnered with the student and parent/guardian, to see that the requirements for graduation from high school are met. If you have any questions about courses, registration, state-required exit level exams or other graduation requirements, contact the high school counseling office or administration.

## Texas First Diploma Notification

The Texas First Diploma is a prestigious opportunity that enables you to graduate early with the Distinguished Level of Achievement and receive a scholarship for college. This could make a student eligible to accelerate his/her path to college and receive a scholarship for one or two semesters at one of these Texas Universities:

Texas A&M University	The University of Texas Austin	University of Houston
Texas State University	The University of Texas at Dallas	University of North Texas
Texas Tech University	The University of Texas at El Paso	The University of Texas as San Antonio
The University of Texas at Arlington		

Here are the eligibility requirements:

- Texas residency
- FAFSA completion
- At least 22 high school credits and a final GPA equivalent to 3.0 or higher

- Additional academic requirements, including college readiness test scores, STAAR exam participation, and demonstration of mastery in various subjects.

If a student graduates two or more semesters early, he/she will receive a two-semester scholarship worth several thousand dollars, to a participating university. If a student graduates one semester early, he/she will receive a one-semester scholarship to a participating university.

The Texas First Diploma does not guarantee automatic admission for students. The scholarship will only apply to the colleges listed above. Consult with your counselor for guidance on whether your grade point average at graduation qualifies you for automatic admission under the state's top 10 percent law. The scholarship offer does expire at the end of the first academic year following graduation, so it is important to attend college directly after high school.

## **Programs of Study**

In the 8<sup>th</sup> grade, students should begin the process of developing a personal graduation plan (PGP) with a coherent sequence of courses for the next 4 years. Your parents, counselors, and teachers can help you to develop a personal graduation plan (PGP) which identifies and implements a Program of Study that is right for you. Once your plan is developed, a parent or guardian must sign your PGP which will be reviewed from year to year with your counselor.

### **What is a Coherent Sequence?**

Career and technical education programs offer a sequence of courses that provides students with coherent and rigorous content. CTE content is aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in current or emerging professions.

A coherent sequence includes two (2) or more courses for three (3) or more credits in a Career and Technical Education Program of Study. The Programs of Study available at GHS are:

- Agricultural, Food & Natural Resources
  - ❖ Animal Science
  - ❖ Applied Agricultural Engineering
  - ❖ Plant Science
- Hospitality & Tourism
  - ❖ Culinary Arts
- Architecture & Construction
  - ❖ Carpentry
- Arts, A/V Technology & Communications
  - ❖ Graphic Design & Multimedia Arts
- Health Science
  - ❖ Exercise Science & Wellness
  - ❖ Healthcare Therapeutic

Suggested sequences are provided in this catalog as examples within various pathways. Students are encouraged to take advantage of free career assessments and to discuss their individual academic and career goals with their counselor to create a personal graduation plan (PGP) unique to the student. For additional information on Programs of Study, please visit TEA's website at [www.tea.state.tx.us](http://www.tea.state.tx.us).

### **Industry Based Certifications Through Programs of Study**

Students have the opportunity for earning an industry based certification (IBC) or license with satisfactory performance on an IBC certification exam. Industry based certifications increase opportunities within that industry which gives students

a valuable advantage when graduating with a certification. Industry Based Certification opportunities are available through the GHS programs of study and may vary from year to year based on state and federal monies and guidelines.

# Agriculture, Food, and Natural Resources Career Cluster

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 Statewide Program of Study



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.

### Secondary Courses for High School Credit

#### Level 1

- Principles of Agriculture, Food, and Natural Resources

#### Level 2

- Small Animal Management
- Equine Science

#### Level 3

- Livestock Production/Lab

#### Level 4

- Advanced Animal Science
- Practicum in Agriculture, Food, and Natural Resources

### Postsecondary Opportunities

#### Associates Degrees

- Food Science and Technology
- Veterinary Studies
- Biotechnology Laboratory Technician
- Biology Technician

#### Bachelor's Degrees

- Animal Sciences
- Agriculture
- Biology
- Zoology/ Animal Biology

#### Master's, Doctoral, and Professional Degrees

- Genetics
- Veterinary Medicine
- Biological and Physical Sciences
- Biological and Biomedical Sciences

### Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> <li>Participate in Texas FFA</li> </ul>	<ul style="list-style-type: none"> <li>Compete in an Agri-Science Fair 4H</li> <li>Volunteer at a local farm or with a veterinarian</li> <li>Participate in an FFA supervised agriculture experience</li> </ul>

### Industry-Based Certifications

- Agricultural Biotechnology
- Certified Veterinary Assistant, Level 1
- Elanco Fundamentals of Animal Science Certification
- Elanco Veterinary Medical Applications Certification
- Equine Management & Evaluation Certification
- Feedyard Technician in Cattle Care and Handling
- Licensed Veterinary Technician
- Production Agriculture - Job Ready
- Small Animal Science and Technology



### Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Animal Breeders	\$39,139	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%

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



# Agriculture, Food, and Natural Resources Career Cluster

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## Applied Agricultural Engineering Statewide Program of Study



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

### Secondary Courses for High School Credit

#### Level 1

- Principles of Agriculture, Food, and Natural Resources

#### Level 2

- Agricultural Mechanics and Metal Technologies/Lab

#### Level 3

- Agricultural Structures Design and Fabrications/Lab

#### Level 4

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

### Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> <li>Tour a farm products or machinery plant</li> <li>Participate in Texas FFA</li> </ul>	<ul style="list-style-type: none"> <li>Earn a welding certification</li> <li>Intern at a farm products or machinery plant</li> <li>Participate in an FFA supervised agriculture experience</li> </ul>

### Industry-Based Certifications

- Agriculture Mechanics
- API 1104 Welding Pipelines and Related Facilities AWS Certified Welder
- AWS D1.1 Structural Steel
- AWS D9.1 Sheet Metal Welding
- AWS SENSE Level 1: Entry Welder
- Feedyard Technician in Machinery Operation, Repair and Maintenance
- Industrial Technology Maintenance (ITM) - Maintenance Welding
- Machining Measurement, Material, and Safety Level I
- NCCER Welding Level I
- NCCER Core
- General Welding - Job Ready

- OSHA General 30\*

\*IBC sunsetting 8/31/24

### Postsecondary Opportunities

#### Associates Degrees

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

#### Bachelor's Degrees

- Agricultural Engineering
- Agricultural Mechanization, General

#### Master's, Doctoral, and Professional Degrees

- Agricultural Engineering
- Agricultural Mechanization, General

### Aligned Occupations

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

Successful completion of the Applied Agricultural Engineering program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised – October 2022



# Agriculture, Food, and Natural Resources Career Cluster

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## Animal Science Statewide Program of Study



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### Secondary Courses for High School Credit

#### Level 1

- Principles of Agriculture, Food, and Natural Resources

#### Level 2

- Small Animal Management
- Equine Science

#### Level 3

- Livestock Production/Lab

#### Level 4

- Advanced Animal Science
- Practicum in Agriculture, Food, and Natural Resources

### Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> <li>Participate in Texas FFA</li> </ul>	<ul style="list-style-type: none"> <li>Compete in an Agri-Science Fair 4H</li> <li>Volunteer at a local farm or with a veterinarian</li> <li>Participate in an FFA supervised agriculture experience</li> </ul>

### Industry-Based Certifications

- Agricultural Biotechnology
- Certified Veterinary Assistant, Level 1
- Elanco Fundamentals of Animal Science Certification
- Elanco Veterinary Medical Applications Certification
- Equine Management & Evaluation Certification
- Feedyard Technician in Cattle Care and Handling
- Licensed Veterinary Technician
- Production Agriculture - Job Ready
- Small Animal Science and Technology



### Postsecondary Opportunities

#### Associates Degrees

- Food Science and Technology
- Veterinary Studies
- Biotechnology Laboratory Technician
- Biology Technician

#### Bachelor's Degrees

- Animal Sciences
- Agriculture
- Biology
- Zoology/ Animal Biology

#### Master's, Doctoral, and Professional Degrees

- Genetics
- Veterinary Medicine
- Biological and Physical Sciences
- Biological and Biomedical Sciences

### Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Animal Breeders	\$39,139	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%

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



# Hospitality and Tourism Career Cluster

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 Statewide Program of Study



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.

### Secondary Courses for High School Credit

#### Level 1

- Introduction to Culinary Arts

#### Level 2

- Culinary Arts

#### Level 3

- Advanced Culinary Arts

#### Level 4

- Practicum in Culinary Arts
- Career Preparation I

### Postsecondary Opportunities

#### Associates Degrees

- Hotel and Restaurant Management
- Restaurant Culinary and Catering Management
- Hospitality Administration/ Management, General
- Culinary Arts/ Chef Training

#### Bachelor's Degrees

- Hotel and Restaurant Management
- Food Service Systems Administration/ Management
- Hospitality Administration/ Management, General
- Culinary Science and Food Service Management

#### Master's, Doctoral, and Professional Degrees

- Hotel and Restaurant Management
- Food Service Systems Administration/ Management
- Hospitality Administration/ Management, General
- Business Administration Management, General

### Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> <li>• Participate in Family, Career, and Community Leaders of America, SkillsUSA, American Culinary Federation, or the Texas Restaurant Association</li> </ul>	<ul style="list-style-type: none"> <li>• Plan a catering event or work for a catering company</li> <li>• Participate in a cooking course</li> <li>• Work in a restaurant</li> </ul>

### Industry-Based Certifications

- Certified Fundamentals Cook
- Certified Fundamentals Pastry Cook
- Certified Hospitality & Tourism Management Professional
- Commercial Foods
- Culinary Meat Selection & Cookery Certification
- Food Protection Manager Certification
- Food Safety & Science Certification
- ManageFirst Professional
- Pre-Professional Certification in Culinary Arts
- Pre-Professional Certification in Food Science Fundamentals
- ServSafe Manager



### Aligned Occupations

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%

Successful completion of the Culinary Arts program of study will fulfill requirements of the Business and Industry endorsement. Revised – October 2022



# Architecture and Construction Career Cluster

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.

## Carpentry Statewide Program of Study



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

### Secondary Courses for High School Credit

#### Level 1

- Principles of Construction

#### Level 2

- Construction Technology I

#### Level 3

- Construction Technology II

#### Level 4

- Practicum in Construction Technology
- Career Preparation I

### Postsecondary Opportunities

#### Associates Degrees

- Carpentry/Carpenter
- Industrial Mechanics and Maintenance Technology

#### Bachelor's Degrees

- Construction Science

#### Master's, Doctoral, and Professional Degrees

- Construction Management

### Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> <li>Shadow a carpenter or millwright</li> <li>Participate in SkillsUSA</li> </ul>	<ul style="list-style-type: none"> <li>Obtain an NCCER certification in Millwright Level 1 or Carpentry Level 1</li> </ul>

### Industry-Based Certifications

- HBI Pre-Apprenticeship Certificate Training (PACT), Basic Carpentry
- HBI Pre-Apprenticeship Certificate Training (PACT), Core
- HBI Pre-Apprenticeship Certificate Training (PACT), Green Core
- NCCER Carpentry Level I
- NCCER Carpentry Level II
- NCCER Commercial Carpenter
- NCCER Construction Technology Certification Level I
- NCCER Core
- NCCER Painting: Commercial and Residential Level I

- OSHA 30 Hour Construction\*
- OSHA 30 Hour General\*

\*IBC sunseting 8/31/24



### Aligned Occupations

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

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



# Arts, Audio/Video Technology, and Communications Career Cluster

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.

## Graphic Design & Multimedia Arts Statewide Program of Study



The Graphic 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.

### Secondary Courses for High School Credit

#### Level 1

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

#### Level 2

- Graphic Design and Illustration I/Lab

#### Level 3

- Graphic Design and Illustration II/Lab

#### Level 4

- Practicum in Graphic Design and Illustration
- Practicum in Animation
- Practicum in Commercial Photography
- Practicum in Entrepreneurship
- Career Preparation I

### Postsecondary Opportunities

#### Associates Degrees

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

#### Bachelor's Degrees

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

#### Master's, Doctoral, and Professional Degrees

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

### Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> <li>• Join a website development or coding club</li> <li>• Participate in SkillsUSA or TSA</li> </ul>	<ul style="list-style-type: none"> <li>• Intern with a multimedia or animation studio</li> <li>• Obtain a certificate or certification in graphic design</li> </ul>

### Industry-Based Certifications

- Adobe Certified Professional in Digital Video Using Adobe Premiere Pro
- Adobe Certified Professional in Graphic Design and Illustration Using Adobe Illustrator
- Adobe Certified Professional in Print and Digital Media Publication Using Adobe InDesign
- Adobe Certified Professional in Visual Design
- Adobe Certified Professional in Visual Design Using Adobe Photoshop
- Adobe Certified Professional in Visual Effects and Motion Graphics Using Adobe After Effects
- Audio-Visual Communications - Job Ready
- Autodesk Associate (Certified User) 3ds MAX
- Certified Professional Photographer
- Certified Professional Programmer
- Graphic Production Technology - Job Ready
- C++ Certified Associate Programmer
- Oracle Certified Associate Java SE 9 Programmer
- Certified Entry-Level Python Programmer (PCEP)
- Adobe Certified Professional Animate\*

\*IBC Sunsetting 8/31/24

### Aligned Occupations

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

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



# Health Science Career Cluster

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.

## Exercise Science and Wellness Statewide Program of Study



The Exercise Science and Wellness program of study introduces CTE learners to the fields that assist patients with maintaining physical, mental, and emotional health. Students will research diet and exercise needed to maintain a healthy, balanced lifestyle and learn about and practice techniques to help patients recover from injury, illness, or disease.

### Secondary Courses for High School Credit

#### Level 1

- Lifetime Nutrition and Wellness
- Principles of Exercise Science and Wellness

#### Level 2

- Kinesiology I

#### Level 3

- Anatomy and Physiology

#### Level 4

- Practicum in Entrepreneurship
- Career Preparation I

### Postsecondary Opportunities

#### Associates Degrees

- Physical Therapist Assistant
- Physical Therapy Aides
- Dietetic Technician

#### Bachelor's Degrees

- Kinesiology and Exercise Science
- Therapeutic Recreation/Recreational Therapy
- Athletic Training/Trainer

#### Master's, Doctoral, and Professional Degrees

- Exercise Physiology
- Therapeutic Recreation/Recreation Therapy
- Athletic Training/Trainer
- Physical Therapist

### Work-Based Learning and Expanded-Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> <li>• Participate in Health Occupations Students of America</li> </ul>	<ul style="list-style-type: none"> <li>• Volunteer at a hospital or rehabilitation center</li> <li>• Manage a school sports team</li> </ul>

### Industry-Based Certifications

- Certified Personal Trainer
- Pre-Professional Certification in Nutrition, Food, and Wellness



### Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Athletic Trainers	\$53,450	215	22%
Exercise Physiologists	\$41,662	33	33%
Coaches and Scouts	\$40,010	2,133	23%
Dieticians and Nutritionists	\$57,762	428	24%
Recreational Therapists	\$45,906	74	24%

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



# Health Science Career Cluster

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.

## Healthcare Therapeutic Statewide Program of Study



The Healthcare Therapeutic program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.

### Secondary Courses for High School Credit

#### Level 1

- Principles of Health Science

#### Level 2

- Medical Terminology

#### Level 3

- Anatomy and Physiology
- Health Science Theory/Health Science Clinical

#### Level 4

- Practicum in Health Science

### Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> <li>Participate in SkillsUSA or Health Occupation Students of America</li> </ul>	<ul style="list-style-type: none"> <li>Volunteer at a community wellness center, hospital, assisted living, or nursing home</li> </ul>

### Industry-Based Certifications

- Certified Clinical Medical Assistant
- Certified Dental Assistant
- Certified EKG Technician
- Certified Nurse Aide (CNA)
- Certified Occupational Therapy Assistant
- Certified Patient Care Technician (CPCT)
- ECG Technician
- Medical Assistant
- Medical Laboratory Assistant
- Nationally Registered Certified EKG Technician
- Patient Care Technician
- Pharmacy Technician
- Phlebotomy Technician
- Registered Dental Assistant X-Ray Certification
- Certified Ophthalmic Technician\*
- Certified Surgical Technologist\*
- Licensed Dental Hygienist\*
- Orthopedic Technologist\*

\*IBC sunsetting 8/31/24



### Postsecondary Opportunities

#### Associates Degrees

- Dental Hygienist
- Medical/Clinical Assistant

#### Bachelor's Degrees

- Dental Hygienist

#### Master's, Doctoral, and Professional Degrees

- Dentist
- Physician Assistant
- Family and General Practitioners
- Pharmacist

### Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Medical Assistants	\$29,598	8,862	30%
Surgical Technologists	\$45,032	1,150	20%
Dental Hygienists	\$73,507	1,353	38%
Physicians and Surgeons	\$213,071	1,151	30%

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



## PERFORMANCE ACKNOWLEDGEMENTS

A student may earn a Performance Acknowledgement on the diploma and transcript for outstanding performance in the following ways:

### **College Credit:**

In a dual credit course by successfully completing at least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0; or by earning an associate degree while in high school.

### **Bilingualism/Bi-literacy:**

By demonstrating proficiency in two or more languages by completing all English language arts requirements and maintaining a minimum GPA of the equivalent of 80 on a scale of 100; and satisfying one of the following:

- completion of a minimum of three credits of the same language in a language other than English with a minimum GPA of the equivalent of 80 on scale of 100; or
- demonstrated proficiency in the TEKS for level IV or higher in a language other than English with a minimum GPA of 80 on a scale of or 100; or
- completion of at least 3 credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
- demonstrated proficiency in one or more languages other than English by scoring 3 or higher on an Advanced Placement exam for a language other than English.

Note: In addition to meeting the requirements above, to earn a performance acknowledgement in bilingualism and bi-literacy, an English language learner must also have participated in and met the exit criteria for a bilingual or ESL program and scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS)

### **PSAT TEST:**

By receiving a score on the test that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation.

### **SAT TEST:**

Student must receive a combined critical reading and mathematics score of at least 1250 on the SAT.

### **ACT ASPIRE™**

Student must achieve the college readiness benchmark score on at least two of the four subject tests.

### **ACT TEST:**

Student must receive a composite score on the ACT exam (without writing) of 28.

### **CERTIFICATION/LICENSE:**

For earning a national or internationally recognized business or industry certification or license with performance on an examination sufficient to obtain a nationally or internationally recognized business or industry certification or performance on an examination sufficient to obtain a government-required credential to practice a profession.

## COURSE DESCRIPTIONS

Course offerings may vary based upon enrollment and instructor availability. Some courses may be subject to being taught on an alternate yearly basis.

### **ENGLISH LANGUAGE ARTS**

#### **READING 1 03270700**

Prerequisite: None  
Grade Levels: 9-10                      1 year                      1 credit

Reading offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas.

#### **ENGLISH 1 03220100**

Prerequisite: None  
Grade Level: 9                              1 year                              1 credit

English 1 combines grammar, literature, composition, vocabulary development, and spelling. Students will concentrate on reading skills, paragraph writing, and language concepts, as well as focus on various types of literature including plays, novels, and poetry. They will also develop writing skills through multiple-paragraph compositions.

#### **ENGLISH 1 HONORS 03220100**

Prerequisite: Completed Application & Required Summer Readings  
Grade Level: 9                              1 year                              1 credit

This course is for students who have demonstrated superior abilities in language concepts (including advanced vocabulary skills) and critical thinking skills. Reading assignments emphasize analysis of plays, novels, poetry, and short stories. Writing assignments include paragraphs and essays as well as research projects. Students will be involved in enrichment activities and in-depth study, which may include field trips, simulations and/or independent study. This course is preparing the student for college. Students must maintain an 80 average (see contract). Summer readings will be required.

#### **ENGLISH 2 03220200**

Prerequisite: English 1  
Grade Level: 10                              1 year                              1 credit

English 2 introduces a variety of literary forms and continues skill development in language, reading, and composition as well as technology and oral presentations. Students will study the short story, novel, and drama, as well as grammar, composition, and vocabulary skills.

#### **ENGLISH 2 HONORS 03220200**

Prerequisite: Pre-AP Eng. 1, Completed Application and Required Summer Readings  
Grade Level: 10                              1 year                              1 credit

This course broadens the skills introduced in English 1 Honors. Students enhance their appreciation of the classics through exploration of various forms of world literature. Concepts in writing, language (vocabulary/grammar/syntax), literature, and reading are stressed. Students will be involved in enrichment activities and in-depth study, which may include field trips, simulations, and/or independent study. This course is preparing the student for college. Honors students must maintain 80 average (see contract). Summer readings will be required.

### **ENGLISH 3 03220300**

Prerequisite: English 2  
Grade level: 11 1 year 1 credit

English 3 develops advanced composition and reading skills, promotes mastery of language and usage concept, and fosters understanding of the major literary periods and forms characterizing American literature. Students engage in research and a number of essay types will be emphasized.

### **ENGLISH 3 HONORS**

Prerequisite: English 1 & English 2  
Grade Levels: 11 1 year 1 credit

This course broadens the skills introduced in English 2 Honors and develops advanced composition and reading skills, promotes mastery of language and usage concept, and fosters understanding of the major literary periods and forms characterizing American literature. Students engage in research and a number of essay types will be emphasized.

### **ENGLISH 4 03220400**

Prerequisite: English 3  
Grade Level: 12 1 year 1 credit

English 4 focuses on language, composition and British literature. Students will prepare essays in a variety of forms, including informative, descriptive, and narrative writing. An exploratory research paper is required. General literary concepts will be incorporated into the study of the customs, traditions, periods and forms, characteristic of British literature. Students will be required to analyze, classify, and evaluate literature.

### **COLLEGE PREP ENGLISH CP110100**

Prerequisite: English 3  
Grade level: 12 1 year 1 credit

Students will learn to investigate academic texts, construct supported interpretations and arguments for an authentic audience, and acquire academic habits of thought. Reading instruction will focus on developing critical reading skills for comprehension, interpretation, and analysis. In writing, students will develop skills through composing with specific purpose, situation, genre, and audience in mind. Students will write a variety of effective formal and informal texts.

### **DUAL CREDIT ENGLISH 03220400 (1301/1302)**

Prerequisite: Dual English  
Grade Levels: 12 1 semester each 1 credit and 6 College Hours

This course 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.

## **MATHEMATICS**

### **ALGEBRA 1 03100500**

Prerequisite: None  
Grade Levels: 9 1 year 1 credit

This course is designed to provide a firm foundation for advanced mathematics. Among the topics studied are real number operations, rational and polynomial concepts, linear equations and inequalities in one or two variables, graphs in a plane, square roots, and quadratic functions. This course **cannot** be taken with another math class.

**GEOMETRY HONORS 03100700**

Prerequisite: Algebra 1

Grade Levels: 10-12 1 year 1 credit

Geometry Honors provides a more in-depth study of plane and solid geometry. The ability to evaluate, outline, organize, and formalize proofs will be an integral part of the course. Topics include basic geometric properties, postulates and theorems, triangles, polygons, circles, geometric formulas, constructions, coordinate geometry, transformations, non-Euclidean Geometry and topology.

**MATH MODELS 03102400**

Prerequisite: None

Grade Levels: 10 1 year 1 credit

This course is designed for students to apply mathematics to problems arising in everyday life, society and the workplace. Students will learn to apply mathematics through experiences with real world problems. They will use everyday situations and personal finance to analyze problems, understand problems better, generate solutions and improve decision making. This course is a bridge between geometry and Algebra II and must be taken prior to Algebra II.

**GEOMETRY 03100700**

Prerequisite: Algebra 1

Grade Levels: 10-12 1 year 1 credit

This course provides a general study of plane and solid geometry and their applications in problem solving. Techniques used in deductive reasoning will be introduced. Topics include basic geometric properties, postulates and theorems, triangles, polygons, circles, geometric formulas, constructions, coordinate geometry, and transformations.

**GEOMETRY HONORS 03100700**

Prerequisite: Algebra 1

Grade Levels: 10-12 1 year 1 credit

Geometry Honors provides a more in-depth study of plane and solid geometry. The ability to evaluate, outline, organize, and formalize proofs will be an integral part of the course. Topics include basic geometric properties, postulates and theorems, triangles, polygons, circles, geometric formulas, constructions, coordinate geometry, transformations, non-Euclidean Geometry and topology.

**ALGEBRA 2 03100600**

Prerequisite: Algebra 1

Grade Levels: 10-12 1 year 1 credit

This course is designed to expand and use algebraic concepts and their applications in solving problems. Algebra 2 addresses the complex number system, higher-degree polynomials, exponential and logarithmic functions, second-degree equations, systems of linear equations, sequence and series, and application of algebraic skills through stated problems.

**ALGEBRA 2 HONORS 03100600**

Prerequisite: Algebra 1

Grade Levels: 10-12 1 year 1 credit

Algebra 2 Honors is designed for students showing an advanced aptitude toward mathematics. This course covers the content of Algebra 2 and goes beyond the regular course in both content and depth. Content of this course, which is not found in the regular course, includes topics related to 3-space matrices, determinants, conic sections, quadratic systems, and polynomial functions.

### **FINANCIAL MATHEMATICS 13018000**

Prerequisite: Algebra 1  
Grade Levels: 10-11 1 year 1 credit

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

### **PRE- CALCULUS HONORS 03101100**

Prerequisite: Geometry and Algebra 2  
Grade Levels: 11-12 1 year 1 credit

This course studies the concepts of trigonometry, analytic geometry, and elementary analysis. Topics include functions and their graphs, trigonometric identities and equations, vectors and complex number systems, conic sections and their equations, and sequence and series.

### **DUAL CREDIT MATH IHE11100 (1314/1342)**

Prerequisite: Geometry and Algebra 2  
Grade Levels: 11-12 1 semester each 1 credit total and 6 College Hours

This course presents some of the mathematical tools that are useful in the analysis of business and social science problems. Topics include functions and graphs, linear and higher order equations, systems of equations, matrices, linear programming math of finance, logarithms, sets, and probability. **This course will count as a 4<sup>th</sup> math credit for graduation requirements.**

### **COLLEGE PREP MATH CP111200**

Prerequisite: Algebra 1  
Grade Levels: 12 1 year 1 credit

This course will cover the topics found on the TSI test including integers, decimals, fractions, percent, functions and variation. Successful completion of this course will mean the student is TSI compliant. **This course will count as a 4<sup>th</sup> math credit for graduation requirements.**

## **SCIENCE**

### **BIOLOGY 03010200**

Prerequisite: None  
Grade Levels: 9 1 year 1 credit

This course introduces the students to general biological information. The general topics to be studied are scientific method skills, basic chemistry, biochemistry, cells, energy, genetics, evolution, ecology and an overview of the kingdoms (bacteria, protist, fungi, plants, and animals). The biological information is given to the student in a lecture/discussion format and then reinforced by laboratory activities.

### **BIOLOGY HONORS 03010200**

Prerequisite: None  
Grade Levels: 9 1 year 1 credit

This course prepares students for college level coursework. All the topics covered in Biology will be discussed in greater detail. More emphasis will be placed on laboratory activities, research and projects.

### **INTEGRATED PHYSICS AND CHEMISTRY 03060201**

Prerequisite: None  
Grade Levels: 9-10 1 year 1 credit

This course provides a general survey of chemistry and physics. Topics to be covered will include motion, energy, flight, electricity, magnetism, machines, heat, and the structure and reactions of matter. Scientific skills of observation, classification, measurement, prediction, comparison, investigation, and daily application will be emphasized.

## CHEMISTRY 03040000

Prerequisite: Biology

Grade Levels: 10-12 1 year 1 credit

Chemistry is the study of the composition of matter. The nature of atoms, molecules, compounds and the reactions of these are covered in this course. Lecture is reinforced by laboratory activities. Math skills are needed.

## CHEMISTRY HONORS 03040000

Prerequisite: Biology Honors

Grade Levels: 10-12 1 year 1 credit

Chemistry is the study of the composition of matter. The nature of atoms, molecules, compounds and the reactions of these are covered in this course. More emphasis will be placed on laboratory skills. Math skills are crucial.

## PRINCIPLES OF TECHNOLOGY 13037100

Prerequisite: Biology & Algebra I

Grade Levels: 10-11 1 year 1 credit

In Principles of Technology, students will conduct laboratory and field investigations, use scientific practices during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves.

## HONORS PHYSICS 03050000

Prerequisite: Biology, Chemistry

Grade Levels: 11-12 1 year 1 credit

This course provides an overview of the relationship between matter and energy. Areas of study will include matter, energy, electricity, motion, force, heat, light, and sound. This course prepares students for college level coursework. All the topics covered in Physics will be discussed in greater detail. More emphasis will be placed on laboratory activities, research and projects.

## ADVANCED ANIMAL SCIENCE 13000700

Prerequisite: Bio & Chem; Alg 1 & Geom; Small Animal or Livestock Production

Grade Levels: 11-12 1 year 1 credit

This course is designed for students preparing for careers in the field of animal science. Emphasis will be placed on 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. **This course will count as a 4<sup>th</sup> science credit for graduation.**

## ANATOMY & PHYSIOLOGY 13020600

Prerequisite: Biology & Chemistry

Grade Levels: 12 1 year 1 credit

This course provides a detailed study of the human body. The course consists of a review of biological and chemical topics, an in-depth study of the body systems, anatomical coloring book, cat dissection, and an animal research project. **This course will count as a 4<sup>th</sup> science credit for graduation requirements.**

## FORENSIC SCIENCE 13029500

Prerequisite: Biology & Chemistry

Grade Levels: 12 1 year 1 credit

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

cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science. **This course will count as a 4<sup>th</sup> science credit for graduation.**

## **SOCIAL STUDIES**

### **WORLD GEOGRAPHY 03320100**

Prerequisite: None  
Grades: 9 1 year 1 credit

This course is designed to acquaint the student with the geographical make-up of the earth and the physical forces that can alter it. Geographical terminology will be defined and physical and cultural geography will be compared. Students will explore the physical setting of the earth, the interaction of physical environments such as sources of energy and will analyze patterns of urban growth in relationship to the geography of the area.

### **WORLD GEOGRAPHY HONORS 03320100**

Prerequisite: None  
Grade Levels: 9 1 year 1 credit

This course is designed to acquaint the student with the geographical make-up of the earth and the physical forces that can alter it. Geographical terminology will be defined and physical and cultural geography will be compared. Students will explore the physical setting of the earth, the interaction of physical environments such as sources of energy and will analyze patterns of urban growth in relationship to the geography of the area. Summer work may be required.

### **WORLD HISTORY 03340400**

Prerequisite: W Geography  
Grade Levels: 10 1 year 1 credit

This course gives students the opportunity to trace the historical development of human cultures. Topics include early civilizations, historical development of western civilization and other regions of the world, geographical influences on world history, developments of twentieth century, Middle Ages, Renaissance, and Revolutionary Times.

### **WORLD HISTORY HONORS 03340400**

Prerequisite: W Geo Honors  
Grade Levels: 10 1 year 1 credit

World History Honors is designed for the college bound student. The historical development of human cultures is examined in depth to allow students the opportunity to utilize critical thinking skills and problem solving techniques. Topics in the study include early civilizations, historical development of western civilization and other regions of the world, geographical influences on world history developments of the twentieth century and the effect of the Renaissance and Revolutionary periods on Western civilization.

### **UNITED STATES HISTORY SINCE 1877 03340100**

Prerequisite: W Geography, W History  
Grade Levels: 11 1 year 1 credit

During this course, the history of the United States from 1876 to the present time is surveyed. Topics included in this study are the emergence of the United States as a world power, the geographical influences on historical events, the economic development and growth of the United States, social and cultural developments of the United States and the evolution of the political processes since the Civil War.

### **DUAL CREDIT US HISTORY 03340100 (1301/1302)**

Prerequisite: W Geography, W History  
Grade Levels: 11 1 semester each 1 credit total and 6 College Hours

A more advanced look at the history of the United States from 1876 to the present time is surveyed. Topics included in this study are the emergence of the United States as a world power, the geographical influences on historical events, the economic

development and growth of the United States, social and cultural developments of the United States and the evolution of the political processes since the Civil War.

### **US GOVERNMENT 03330100**

Prerequisite: W Geo, W His, US His  
Grade Levels: 12 1 semester .5 credit

Topics include the foundations and development of the United States governmental system; the purposes, political and economic philosophies of the United States Constitution, Bill of Rights, and Declaration of Independence; the structures and functions of governments at the federal, state, and local levels; and responsibilities of American citizenship.

### **US GOVERNMENT HONORS 03330100**

Prerequisite: W Geo, W His, US His  
Grade Levels: 12 1 semester .5 credit

Students utilize critical thinking and problem solving techniques to understand the functions of the United States. Topics studied in detail include the foundations and development of the United States governmental system; the purposes, political and economic philosophies of the United States Constitution, Declaration of Independence, and Bill of Rights; the structures and functions of government at the federal level; and the responsibilities of American citizenship

### **ECONOMICS 03310300**

Prerequisite: Government  
Grade Levels: 1211 1 semester .5 credit

This course is designed to provide the student with an understanding of the basic economic system and its benefits with emphasis on the theory of supply and demand, price factors of production, income distribution, the organization and functions of the Federal Reserve System, government regulation of the market system, and personal financial literacy. Comparative economic systems are also studied.

### **ECONOMICS HONORS 033010300**

Prerequisite: Government  
Grade Levels: 12 1 semester .5 credit

Advanced Economics will give the student a thorough understanding of the principles of Micro and Macro economics in preparation of specific college coursework. Studies include the functions of consumers, producers and markets in the Free Enterprise system. It will emphasize the global economy and crucial role of governments in the market system. Additional research will focus on the role of trade, financial, energy, and consumer sectors in impacting economic growth and living standards.

## **OTHER LANGUAGES**

### **SPANISH 1 03440100**

Prerequisite: None  
Grade Levels: 9-12 1 year 1 credit

This course introduces students to Spanish vocabulary, grammar and pronunciation, basic dialogues, and basic sentence patterns. Audio-lingual materials will aid in the development of communication skills. Through various classroom activities, students observe and experience Hispanic culture. Skills and concepts in listening, speaking, reading, and writing are stressed.

### **SPANISH 2 03440200**

Prerequisite: Spanish 1  
Grade Levels: 10-12 1 year 1 credit

Emphasizing oral comprehension and reading skills, students expand their fluency in Spanish. Grammar, vocabulary, and cultural studies are included. Skills in listening, speaking, and writing are emphasized.

### **Spanish 3 03440300**

Prerequisite: Spanish 1 & 2  
Grade levels: 10-12 1 year 1 credit

This course is designed for the use of Spanish for active communication in both formal and informal settings. Students will also explore the world of Spanish History and Literature through short stories, films, and class projects. Frequent compositions and class discussions in the Target language will be stressed.

### **Spanish 4 03440400**

Prerequisite: Spanish 1 & 2  
Grade levels: 11-12 1 year 1 credit

This course stresses the development of fluency in oral skills, comprehension of Spanish literature and history, expository composition and expanded use of grammar. This course utilizes higher level/critical thinking skills and focuses on the development of accuracy and fluency.

### **FRENCH 1 02411000**

Prerequisite: None  
Grade Levels: 9-11 1 year 1 credit

This course introduces students to French vocabulary, grammar and pronunciation, basic dialogues, and basic sentence patterns. Audio-lingual materials will aid in the development of communication skills. Through various classroom activities, students observe and experience French culture. Skills and concepts in listening, speaking, reading, and writing are stressed.

### **FRENCH 2 02412000**

Prerequisite: French 1  
Grade Levels: 10-12 1 year 1 credit

Emphasizing oral comprehension and reading skills, students expand their fluency in French. Grammar, vocabulary, and cultural studies are included. Skills in listening, speaking, and writing are emphasized.

### **French 3 03410300**

Prerequisite: French 1 & 2  
Grade levels: 10-12

This course is designed for the use of French for active communication in both formal and informal settings. Students will also explore the world of French History and Literature through short stories, films, and class projects. Frequent compositions and class discussions in the target language will be stressed.

## **PHYSICAL EDUCATION**

### **BOYS/GIRLS TENNIS, ATHLETICS 1 PES00000, ATHLETICS 2 PES00001, ATHLETICS 3 PES00002, ATHLETICS 4 PES00003**

Prerequisite: Approval of Coach  
Grade Levels: 9-12 1 year 1 credit

Competitive sports for girls include volleyball, basketball, track, cross-country, tennis, softball, powerlifting, and golf. Competitive sports for boys include football, basketball, track, cross-country, baseball, powerlifting, tennis, and golf. Two successfully completed semesters of competitive sports will fulfill state and local physical education requirements.

### **PHYSICAL EDUCATION 1 PES00052, PHYSICAL EDUCATION 2 PES00053, PHYSICAL EDUCATION 3 PES00054 PHYSICAL EDUCATION 4 PES00055**

Prerequisite: None  
Grade Levels: 9-12 1 year 1 credit

Physical Education 1, 2, 3, & 4 are designed for high school students to fulfill state and local requirements. The purpose of these courses is to enhance the students' physical fitness.

## **FINE ARTS**

### **ART 1 03500100**

Prerequisite: None  
Grade Levels: 9-12 1 year 1 credit

This course is an introduction to the basic fundamentals. Students will focus on drawing landscapes, animals, and the human face/figure. Students will also be introduced to color theory using acrylic paints, in addition to chalk pastels for the purpose of realistic and expressive art.

### **FLORAL DESIGN 13001800**

Prerequisite: Principles of Agriculture  
Grade Levels: 10-12 1 year 1 credit

Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. **This course will satisfy the requirements for a fine arts credit.**

### **ART 2 03500200, ART 3 03500300, ART 4 03500400**

Prerequisite: Art 1  
Grade Levels: 10-12 1 year 1 credit

Content will include in-depth study of the human face/body, still life arrangements, landscape, wildlife and drafting. Techniques will be more advanced than ART 1 in regards to shading, surface texture, and the illusion of distance. Students will create and maintain a portfolio to catalog and organize their works.

### **THEATRE ARTS 1 03250100, THEATRE ARTS 2 03250200, THEATRE ARTS 3 03250300, THEATRE ARTS 4 03250400**

Prerequisite: None  
Grade Levels: 9-12 1 year 1 credit

This course will be project driven with students completing assignments that will cover such topics as play research and design, program design and publication, publicity, makeup, costumes, and house management. Students will be assigned technical positions for the school year's play productions and will be expected to carry out those responsibilities. Students will be called upon to attend particular rehearsals and performances after school.

### **BAND 1 03150100, BAND 2 03150200, BAND 3 03150300, BAND 4 03150400**

Prerequisite: Director's Approval  
Grade Levels: 9-12 1 year 1 credit

Band is a full year course that promotes mental and physical discipline, teamwork, social and cultural growth, enhanced ability to make musical value judgments through critical listening, understanding of music theory, proper instrumental technique, and creative self-expression. The fall semester is focused on marching band and the beginning of concert season, including the annual Christmas concert. Marching band requires performances at all football games, pep rallies, parades and marching contests. Summer band attendance is required of all band members (schedules available from the directors). Marching band rehearsals will begin prior to the school day each morning as well as an extensive Monday evening rehearsal each week. Additional sectional and individual practice times may be required by the directors. The fall semester of marching band may be used by students as an alternative to PE or athletics for graduation requirements.

Concert band chair-seating auditions will be conducted following the final marching contest of the season. Students will be placed into one of two bands, based on individual musical proficiency and work ethic exhibited during football season. The spring semester then focuses on solo and ensemble participation while working on concert band literature for UIL Concert

and Sight-reading Contest and the spring concert. Additional sectional and individual practices may be scheduled by the band directors, before or after school, during concert season. Attendance at all performances and additional rehearsals are mandatory and constitute part of the student's grade.

### **Applied Music 1 03152500**

Prerequisite: Band 1 & Director's Approval  
Grade Levels: 10-12 1 year 1 credit

Applied Music provides an opportunity for band members to further their musical skills on a more individualized basis. In addition to practicing on current music addressed in band class, the student will be expected to prepare the audition music for ATSSB All Region auditions in the fall semester. Though directors will be available for extra help, a large majority of the class is focused on independent study/practice. Therefore, daily practice records will be kept for each student.

## **AGRICULTURAL SCIENCE & TECHNOLOGY**

### **PRINCIPLES OF AGRICULTURE 130002000**

Prerequisite: None  
Grade Levels: 9-12 1 year 1 credit

This is a basic introductory course that will provide students with the skills and knowledge in agriculture, leadership, communication skills, soil science, animal science, plant science, food and fiber, and natural resources as well as identify industry standards, details, practices, and expectations.

### **EQUINE SCIENCE 13000500**

Prerequisite: Principles of Agriculture  
Grade Levels: 9-12 1 semester .5 credit

In Equine Science, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science may address topics related to horses, donkeys, and mules. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

### **SMALL ANIMAL MANAGEMENT 13000400**

Prerequisite: Principles of Agriculture  
Grade Levels: 9-12 1 semester .5 credit

In Small Animal Management, students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds.

### **AGRICULTURAL MECH & METAL TECH 13002200**

Prerequisite: Principles of Agriculture  
Grade Levels: 9-12 1 year 1 credit

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

### **LIVESTOCK PRODUCTION 13000300**

Prerequisite: Principles of Agriculture  
Grade Levels: 9-12 1 year 1 credit

In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry.

### **WILDLIFE, FISHERIES & ECOLOGY MANAGEMENT 13001500**

Prerequisite: Principles of Agriculture  
Grade Levels: 9-12 1 year 1 credit

Wildlife, Fisheries, and Ecology Management examines the management of game and nongame wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

### **AGRICULTURAL STRUCTURE DESIGN & FABRICATION 13002300**

Prerequisite: Ag Mech  
Grade Levels: 10-12 1 year 1 credit

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.

### **HORTICULTURE SCIENCE 13002000**

Prerequisite: Principles of Ag  
Grade Levels: 10-11 1 year 1 credit

Horticultural Science is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. To prepare for careers in horticultural systems, students must 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.

### **AGRICULTURE EQUIPMENT DESIGN AND FABRICATION 13002350**

Prerequisite: Ag Structure Design  
Grade Levels: 10-12 1 year 1 credit

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

### **GREENHOUSE OPERATIONS 13002050**

Prerequisite: Principles of Ag  
Grade Levels: 11-12 1 year 1 credit

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.

### **ADVANCED PLANT & SOIL SCIENCE 13002100**

Prerequisite: Principles of Ag  
Grade Levels: 11-12 1 year 1 credit

Advanced Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered, and that plant and soil science is the basis for many other fields of science.

## **CONSTRUCTION**

### **PRINCIPLES OF CONSTRUCTION 13004220**

Prerequisite: None  
Grade Levels: 9-12 1 year 1 credit

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.

### **CONSTRUCTION TECHNOLOGY 1 13004900**

Prerequisite: Principles of Construction  
Grade Levels: 10-12 1 year 2 credits

In Construction Management I, students will gain knowledge and skills needed to enter the workforce as apprentice carpenters or building maintenance supervisors' assistants or to build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Management I include the knowledge of design techniques and tools related to the management of architectural and engineering projects.

### **CONSTRUCTION TECHNOLOGY 2 13005000**

Prerequisite: Construction Management 1  
Grade Levels: 11-12 1 year 2 credits

In Construction Management II, students will gain knowledge and skills needed to enter the workforce as apprentice carpenters or building maintenance supervisors' assistants or to build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Management II includes knowledge of the design, techniques, and tools related to the management of architectural and engineering projects.

### **PRACTICUM IN CONSTRUCTION 13006205**

Prerequisite: Construction Management 2  
Grade Levels: 12 1 year 2-3 credits

Practicum in Construction Management is an occupationally specific course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom.

## **CULINARY ARTS**

### **INTRODUCTION TO CULINARY ARTS 13022550**

Prerequisite: None  
Grades Levels: 9-12 1 year 1 credit

The Introduction to Culinary Arts curriculum provides students with opportunities to explore career options and entrepreneurial opportunities within the food service industry. Students investigate food safety and sanitation, explore culinary preparation foundations, practice basic culinary skills, explore diverse cuisines and service styles, investigate nutrition and menu development, and examine the economics of food.

### **CULINARY ARTS 13022600**

Prerequisites: Intro to Culinary Arts  
Grade Levels: 10-12 1 year 2 credits

The Culinary Arts I curriculum provides students with the foundations for a comprehensive knowledge of the food service industry and with opportunities to build technical skills. Students examine and practice basic rules and procedures related to kitchen and food safety, kitchen sanitation procedures, and emergency measures. Students explore the purchasing and receiving of goods and study fundamental nutritional principles and guidelines. As they explore food-preparation techniques, students practice applying these techniques to the preparation and serving of basic food products.

### **ADVANCED CULINARY ARTS 13022650**

Prerequisites: Culinary Arts 1  
Grade Levels: 11-12 1 year 2 credits

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

## **PRACTICUM IN CULINARY ARTS 13022705**

Prerequisite: Advanced Culinary Arts  
Grade Levels: 12 1 year 2-3 credits

Practicum in Culinary Arts is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. The course integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among school, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing culinary art based workplace.

## **GRAPHIC DESIGN AND MULTIMEDIA ARTS**

### **PRINCIPLES OF ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS 13008200**

Prerequisite: None  
GRADE: 9 1 Year 1 Credit

The goal of this course is for the student to understand arts, audio/video technology, and communications systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

### **GRAPHIC DESIGN AND ILLUSTRATION I 13008800**

Prerequisite: Principles of arts, audio/video technology, and communications  
GRADES: 10-12 1 Year 1 Credit

Students will learn about graphic design and illustration with a focus on fundamental elements and principles of visual art and design. In this course students will be designing, producing, exhibiting, performing, writing, and publishing multimedia content, including visual and performing arts and design, journalism, and entertainment services.

### **GRAPHIC DESIGN AND ILLUSTRATION II 13008900**

Prerequisite: Principles of Arts, Audio/video technology, and Communications & Graphic Design Illustration I  
GRADES: 10-12 1 Year 2 Credits

In this course, students develop an advanced understanding of the industry with a focus on mastery of the knowledge and skills used in graphic design and illustration. This course will go more in depth in designing, producing, exhibiting, performing, writing, and publishing multimedia content, including visual and performing arts and design, journalism, and entertainment services.

### **PRACTICUM IN GRAPHIC DESIGN AND ILLUSTRATION**

Prerequisite: Principles of Arts, Audio/video technology, and Communications & Graphic Design and Illustration I & II  
GRADES: 11-12 1 Year 2 Credits

In this course, students develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

## **HEALTH SCIENCE**

### **KINESIOLOGY I N1302104**

Prerequisite: None  
Grade Levels: 11-12 1 Year 1 Credit

This course will introduce students to the basic concepts of kinesiology. Students will gain an understanding of body mechanics, physiological functions of muscles and movements, the history of kinesiology, and the psychological impact of sports and athletic performance. Students will also explore careers within the kinesiology field and be able to explain the societal demand for kinesiology-related jobs. Students will develop a foundation in *Kinesiology I* that will prepare them for upper-level courses that will dive deeper into the anatomical and physiological functions of the body and provide opportunities for an industry-certified exam such as a certified personal trainer.

### **MEDICAL TERMINOLOGY 13020300**

Prerequisite: None  
Grade Levels: 9-12 1 year 1 credit

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

### **PRINCIPLES OF HEALTH SCIENCE 13020200**

Prerequisite: Medical Terminology  
Grade Levels: 10-12 1 year 1 credit

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

### **HEALTH SCIENCE THEORY/CLINICAL 13020410**

Prerequisite: Principles of Health Science & Biology  
Grade Levels: 11-12 1 year 2 credits

The Health Science Theory course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. Students will employ hands-on experiences for continued knowledge and skill development.

### **PRACTICUM IN HEALTH SCIENCE 13020505**

Prerequisite: Health Science Theory/Clinical  
Grade Levels: 12 1 year 2-3 credits

The healthcare industry comprises diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. Students recognize the employment opportunities, technology, and safety requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science certification or licensure through further education and employment.

## **ADDITIONAL ELECTIVES**

### **SUCCESS 85000XXXX**

Prerequisite: None  
Grade Levels: 9-12 1 semester/year .5/1 credit

This course is designed as a remediation for students who did not pass any portion of the STAAR End of Course tests. It will involve hands-on activities as well as computer-based activities.

### **ADVANCED JOURNALISM, YEARBOOK 1 03230110, YEARBOOK 2 03230120, YEARBOOK 3 03230130**

Prerequisite: English 1  
Grade Levels: 10-12 1 year 1 credit

Students will work to produce the school yearbook and will thereby explore the elements and processes of magazine-type journalistic products. Proficiency in typing, copywriting, and photography would be helpful. Students must be willing to attend evening events and to spend additional time to ensure that assignments are completed in time to meet deadlines. The students will continue to work on the yearbook during the summer until the yearbook is completed.

### **PROFESSIONAL COMMUNICATIONS 13009900**

Prerequisite: None  
Grade Levels: 10-12 1 semester .5 credit

Students will be expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, personal and professional presentations, and group interactions. It teaches leadership

skills and develops effective public speaking through the teen leadership curriculum. This course will satisfy the required speech credit.

### **LIFETIME NUTRITION AND WELLNESS 13024500**

Prerequisite: None  
Grade Levels: 10-12 1 semester .5 credit

Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness. The Human Services Career Cluster focuses on preparing individuals for employment in career pathways that relate to families and human needs.

### **CAREER PREPARATION 1 12701305**

Prerequisite: None  
Grade Levels: 11-12 1 year 2-3 credits

Career Preparation 1 provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

### **CAREER PREPARATION 2 12701405**

Prerequisite: Career Prep I  
Grade Levels: 12 1 year 2-3 credits

Career Preparation 2 provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. Career Preparation 2 maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success.

### **HEALTH**

Prerequisite: None  
Grade Levels: 9-12 1 year 1 credit

In health education, students acquire the health information and skills necessary to become healthy adults and learn about behaviors in which they should and should not participate. To achieve that goal, students will understand the following: students should first seek guidance in the area of health from their parents; personal behaviors can increase or reduce health risks throughout the lifespan; health is influenced by a variety of factors; students can recognize and utilize health information and products; and personal/interpersonal skills are needed to promote individual, family, and community health.

### **PSYCHOLOGY 03350100**

Prerequisite: None  
Grade Levels: 9-12 1 semester .5 credit

In Psychology, an elective course, students study the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion, sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology.

### **SOCIOLOGY 03370100**

Prerequisite: None  
Grade Levels: 9-12 1 year .5 credit

Sociology, an elective course, is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

### **DEBATE I 03240600**

Prerequisite: None  
Grade Levels: 9-12 1 year 1 credit

Controversial issues arise in aspects of personal, social, public, and professional life in modern society. Debate and argumentation are widely used to make decisions and reduce conflict. Students who develop skills in argumentation and debate become interested in current issues, develop sound critical thinking, and sharpen communication skills. They acquire life-long skills for intelligently approaching controversial issues.

#### **METHODOLOGY OF ACADEMIC & PERSONAL SUCCESS N1130021**

Prerequisite: None  
Grade Levels: 9-12 1 year 1 credit

The course focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. Students explore the options available in high school, higher education, and the professional world in order to establish both immediate and long-range personal goals.

#### **MAKING CONNECTIONS 1 N1290332, MAKING CONNECTIONS 2 N1290333, MAKING CONNECTIONS 3 N1290334 MAKING CONNECTIONS 4 N1290335**

Prerequisite: None  
Grade Levels: 9-12 1 semester .5 credit

The Making Connections course sequence serves students who have difficulty with social skills. The courses also assist the students with developing and generalizing appropriate and beneficial social skills and in turn increases that student's postsecondary outcome.

#### **GENERAL EMPLOYABILITY SKILLS N1270153**

Prerequisite: None  
Grade Levels: 9-12 1 year 1 credit

Employability skills are the skills and attitudes that allow employees to get along with their co-workers, make important work-related decisions and become strong members of the work team. Discovering job possibilities that link skills, abilities, interests, values, needs, and work environment preferences is an experiential learning process that takes place over time.

#### **STUDENT OFFICE AIDE**

Grade: 12 1 Year

Student aide is an elective class that selects only those students who demonstrate excellent citizenship and work ethic. Student aides provide valuable services such as running errands, helping students, and generally assisting in the operation of the office or library. Serving as a student aide under proper guidance and conditions provides students with valuable training for future employment. Student aides provide valuable services such as running errands in a professional manner, answering the phone and directing calls to the appropriate secretary, answering student questions, directing students to proper office areas, answering visitor questions, and assisting faculty and staff.

#### **STUDENT TEACHER AIDE**

Grade: 12 1 Year

Student teacher aide is an elective class that selects only those students who demonstrate excellent citizenship and work ethic. Student teacher aides provide valuable services such as running errands, helping students, and generally assisting the teacher in the classroom. Serving as a student aide under proper guidance and conditions provides students with valuable training for future employment.

#### **STUDENT LIFE SKILLS AIDE**

Grade: 12 1 Year

Student Life Skills aide is an elective class that selects only those students who demonstrate excellent citizenship and work ethic. Student life skills aides provide valuable services such as running errands, helping students, and generally assisting the teacher in the life skills classroom. Serving as a student aide under proper guidance and conditions provides students with valuable training for future employment.

## **GIFTED AND TALENTED PROGRAM**

GISD's Gifted and Talented program provides those students identified as such with the following opportunities:

1. To explore their own unique abilities
2. To develop high creative and cognitive abilities
3. To make a positive contribution to their own education and society

Identified students will be served in the four core subject areas of English, math, science, and social studies. If accepted, students will be served in the most appropriate class taught by a trained GT teacher. In addition, the curriculum will continue to foster abilities in leadership, creativity, and artistry.

## **DUAL CREDIT COURSES**

### **What is the Dual Credit Program?**

The Dual Credit Program provides high school students the opportunity to enroll in college-level courses and to earn high school, as well as college credit, for the completed coursework. The program provides a continuum of learning from high school to college for those students who choose to pursue a post-secondary degree or certificate after high school graduation. This continuum will increase opportunities for students to progress through their programs of study at an accelerated pace. A high school student may earn dual credit toward high school graduation and college credit through successful completion of approved college courses. A student will be awarded credit toward graduation only if he/she obtains prior approval from the appropriate district and/or campus personnel. The "GISD Dual Credit Agreement" form must be on file in the GHS Counselor's office prior to any student registering for dual credit courses.

### **What are the advantages of taking a dual credit course?**

The Dual Credit Program allows students to shorten the time required to complete an undergraduate degree. It also eliminates the duplication of courses taken in high school and in college. The advanced curriculum provides a background for students that will sharpen their academic preparedness for college. At the same time, the program expands the options available for college-bound students.

### **What are the differences between dual credit courses and regular courses?**

Dual credit courses are more challenging and stimulating, and they take more time and require more work. Dual Credit classes require energetic, involved and self-motivated students. They are self paced and require strong time management and organizational skills.

### **How is credit awarded?**

Credit may be given in a content area to fulfill graduation requirements and to gain college credit. Credit for successfully completed college courses (a minimum of "C" or 70) will be earned in one-half or one-unit increments. Students taking dual credit courses will receive the actual numerical score as weighted high school credit. No high school credit will be awarded for any grade below a 70.

### **How are dual credit courses transferred for college credit?**

When choosing which courses to take as dual credit, the best option for students is to choose courses that fit into the core curriculum of the college or university offering the dual credit program. Courses that fulfill the core curriculum of a public college or university are guaranteed to transfer to any other public college or university in Texas by state law. For additional

dual credit courses, students should contact the college or university that they plan to attend to determine how that institution will grant credit for the course.

**What are the Dual Credit Eligibility Requirements?**

A student who meets the following criteria is eligible to apply for the opportunity to earn high school credit through college courses:

- The student must have an overall average for all courses of at least 80, or the student must have an average of at least 80 in the last course taken in the general subject-area of the college-level course.
- The student must have successfully completed prerequisite courses as identified by district guidelines.
- The student must have acceptable scores on college placement exams or alternative assessments.
- The student must have completed a Navarro College admissions application and, in addition, the GISD Dual Credit Permission Form. Students must receive prior approval from the GISD counselor or campus administrator prior to enrollment.

**Dual Credit Testing Requirements**

TEST	ELAR	WRITING	MATH
TSIA	945	5	950
STAAR EXEMPTION	ENG 2 STAAR 4000+		ALG 1 STAAR 4000+ with a 70 or higher in HS ALG 1

Students may enroll in college courses taught at GHS. Courses that are offered are:

College Courses

- (1) Dual Credit US History 1301/1302
- (2) Dual Credit English 1301/1302
- (3) Dual Credit Math 1324 & 1325

High School Courses

- US History
- English 4
- IHE Mathematics

**HONORS/ DUAL CREDIT OR DUAL ENROLLMENT COURSES**

The following classes are considered honors or advanced classes at Groesbeck High School and are weighted classes for computing GPA beginning with the class of 2024:

Honors English 1	Honors Biology	&
Honors English 2	Honors Chemistry	S
Dual Credit English 1301/1302	Honors Physics	oil
Honors W Geography	Forensic Science	Sc
Honors W History		ie
Dual Credit US History 1301/1302		nc
Honors Government		e
Honors Economics		ce
Honors Algebra 2	Anatomy & Physiology	d
Honors Geometry	Advanced Animal Science	PI
Honors Pre-Calculus		an
Dual Credit Math 1324/1325		t

## **Groesbeck Independent School District Honors Contract**

Honors courses are academically advanced courses designed to challenge motivated students to understand rigorous content. The curricula for the courses are built on the core academic curriculum following the Texas Knowledge and Skills (TEKS) expectations for each course. Honors math, science, language arts and social studies are offered at the 9<sup>th</sup> through 12<sup>th</sup> grade levels. All students taking these courses will be given this contract to sign per class to keep on file with each teacher.

### **Entrance Guidelines:**

Honors courses are open to any student wishing to enroll. In order to assist with placement decisions, entrance guidelines have been developed to provide a profile of students who typically experience success in Honors courses.

### **Academic Guidelines:**

- Successful performance in related content area courses (Example: math and science related; English and social studies related) and on the STAAR End of Course exams.
- Written teacher recommendations if required by individual Honors teachers.

### **Personal Profile of Successful Students:**

- Reading on or above grade level
- Strong study skills and sufficient self-motivation to persevere when faced with challenging material or a more rapid pace of instruction
- Proficient oral and written communications skills
- Self-discipline to plan, organize and carry through tasks to completion
- Interest and self-directedness in the Honors course

**Honors courses will require a substantial amount of work outside of class for successful completion of the courses. Students should carefully evaluate the time commitments and priorities of extracurricular and community activities as they consider the number of Honors courses for their schedules.**

### **General Course Expectations:**

Students in the Honors classes are held to a higher level of rigor than in a regular academic class. Each student in an Honors class is required to:

- Attend tutorials as needed
- Complete and submit all assignments (homework, projects, reports) on the due dates. Late work is **NOT** accepted in Honors courses
- Turn in make-up work promptly following any absence
- Do his/her own work on all assignments, projects, or exams
- Sign a course/Honors contract

## **Probation and Exit Guidelines:**

- A student with a grade average less than 80 *may* be placed on probation, upon documented communication among the student, teacher, parent, administrator and counselor. A probation period can begin at the end of the first grading period or at any subsequent progress report period.
- If the grade average for the class remains less than 80 at the end of the grading period, the student will be exited from the Honors course and scheduled into a regular academic class in that subject, unless otherwise recommended by the teacher and principal.
- Groesbeck ISD offers a solid curriculum in all courses. If a schedule change to a corresponding academic course occurs, the student will continue to experience quality learning opportunities designed to effectively prepare him/her for the high school curriculum.

**The instructor of the honors course will provide each student with the honors contract the first week of school. It must be signed by both the student and parent, and returned to the teacher to be kept on file.**

## **Groesbeck High School Grading Guidelines 2023-2024**

The purpose of grades is to communicate to parents/guardians and students the academic achievement of a student toward the mastery of standards in all coursework, including courses with Texas Essential Knowledge and Skills (TEKS), and those with the following standards: student expectations found in program descriptions for Dual Credit (DC), and Advanced Technical Credit (ATC) courses. Report cards and progress reports serve as written notice to a parent/guardian of a student's current level of achievement in each class, subject, or course during a specified period. Grades are not indicators of disciplinary action or nonacademic performance or behaviors. "Reporting Period" and "9 weeks" are used synonymously and interchangeably throughout this document. This document was developed in accordance with EIA (LEGAL), EIA (LOCAL), EIE (LEGAL) and EIE (LOCAL) Policy.

GHS requires a combined use of the following grading practices:

- Classroom use of defined performance criteria, including rubrics for which student responses, products, or performances are evaluated to ensure consistent scoring practices and clarity of student performance expectations.
- Multiple measures (more than one type of assessment to examine the same kind of knowledge as well as more than one assessment to evaluate learning of the same body of knowledge).
- Timely and continuous feedback on assignments and assessments.
- Grades are reported as numerical scores:
  - 90-100%
  - A 80-89%
  - B 70-79%
  - C Below 70%
  - F

## **Progress Reports (PR)**

Progress reports shall be sent home to parents/guardians after the third week and sixth week of each reporting period. Dates of distribution have been established. A minimum of six (6) grades must be recorded and published prior to each progress report being issued.

## **Report Cards (RC)**

Courses must use the same approved formula for student evaluation each reporting period. All grades on report cards and academic records (transcripts) are numerical, ranging from 0-100. To receive credit for a course, a student must achieve a minimum grade of 70% for the final grade of the course and must have attended the class at least 90% of the time. Students who receive a grade below 70% at the end of the grading period will be suspended from extra-curricular activities for at least the following three-week period (SB1, Chapter 33). State law requires students to make a passing grade in their classes in each reporting period in order to be eligible to participate in any extracurricular performance or competition for the next three weeks unless the failing grade was earned in an honors, dual credit/enrollment course in ELA, math, science, social studies or language other than English. Guidelines for grading student work in all courses include:

- Grades entered in the teacher's gradebook, progress reports and report card grades will reflect progress toward and achievement of knowledge and skills as outlined in the TEKS, and the standards for Dual Credit or Dual Enrollment as applicable. 70% is considered a passing grade. Teachers will enter grades into the District electronic gradebook (ASCENDER), on a weekly basis for Progress Reports (PRs) and ultimately Report Cards (RCs).

- For grades 9-12, for each reporting period, teachers must record and publish a *minimum* of eighteen (18) grades, with a minimum of two (2) grades being recorded each week in the electronic gradebook (ASCENDER) that is made available to parents through the parent portal, ASCENDER. A minimum of six (6) grades must be recorded and published prior to each progress report being issued.

- For grades 9-12, all grades will be categorized as major (tests, projects, presentations) or minor (quizzes, homework, daily work) and no single grade from either category will count for more than 25% of the overall average for the reporting period. For Honors and Dual Enrollment course grades categorized as major will count 60% of the overall average and grades categorized as minor will count as 40%. For all other non-weighted standard courses grades categorized as major will count for 50% of the overall average (minimum of two given per reporting period) and grades categorized as minor will count for 50% of the overall average for the reporting period.

- Semester Exams (mid-term and final) shall be administered for all courses in grades 9-12. The semester exam will be consistent across common classrooms but may vary due to course level (i.e. an Honors English 1 versus standard English 1). Semester courses will only give a final exam (no mid-term). All exams are subject to Principal approval. All semester exams must be taken during the assigned exam time. Students will not be permitted to redo or retake a semester or final exam.

Students may not take semester exams early. If a semester exam is missed, a “1” will go in the gradebook (which Page 3 of 6 indicates it can be made up; once the make-up time has been passed a “ZERO” will be entered. Do not use an INCOMPLETE). Remember for eligibility purposes an incomplete is considered a failing grade and will render the UIL participant ineligible. Missed semester exams will be recorded in the gradebook as a “1” and grade change forms will be required after the exam is made up and graded. The exam must be made up after the assigned time. First semester make-up exams must be made up within the first two weeks of the second semester by scheduling with the course teacher. Second semester exams must be made up during the first two weeks after school is out by scheduling with Dr. Bomar (call 254-729-4101 to set this up). Extenuating circumstances must be documented and exceptions approved by GHS administration. The weight value of the semester exams (first and second semester) will be 15% of the final semester grade. Mid-term and final examination exemptions are only permitted for eligible 12th grade students (see exemption qualifications below). Dual Credit/Enrollment courses may follow a different semester exam schedule therefore students will need to check with their DC Instructor.

- Seniors may be exempt from their fall and spring semester exams according to the guidelines below. Seniors may always opt to take their exam to improve their average even if they qualify. Exemptions are determined on a period by period basis; therefore, students will be notified by their teachers of their exemption status. **Seniors that qualify for exemptions will report to class\* and remain on campus for the duration of the exam period.**

- To be exempt from a semester exam in a class, the student must meet one of the following qualifications.
  - An average of 90% or better for the semester and no more than 3 absences in the class for the semester, OR
  - An average of 80% or better for the semester and no more than 2 absences in the class for the semester.

Absences that **DO NOT** impact exemption status (all require proper documentation):

- Funeral for immediate family members up to 3 days
- School functions
- Religious holidays
- Military deployment of an immediate family member
- College visits up to two days
- Required court dates

Seniors will be notified of their exemption status for each semester on:

- December 14, 2023
- May 16, 2024

Students who do not report on exam day (whether testing or exempt) during their exam period will receive a ZERO for the Semester Exam grade on the report card. Exam exemptions do not excuse students from attending school during the period exams are being administered. An unexcused absence will result in a ZERO for the semester exam grade on the report card.

Performance Based Classes and Finals: in classes that have a final exam that is a performance or project which will be presented during the scheduled final exam period and requires class preparation time in the weeks leading up to finals, the teacher reserves the right to grant the exemption. ALL exemptions must be applied consistently to students and parents/guardians in advance.

1. A student found to have engaged in academic dishonesty will be subject to grade penalties on assignments or tests as well as disciplinary penalties in accordance with the Student Code of Conduct. [See EIA (Local)]. Grade penalties will be consistent across the entire high school campus.
2. The teacher of record will determine the final yearly grade. For purposes of dual credit, the final grade must be submitted according to the college grade reporting deadline and will determine the final grade for the student.
3. Grade changes are the responsibility of the teacher of record and must occur within the reporting period unless there is an extenuating circumstance. Principal approval is required for such changes. For purposes of dual credit/enrollment no grade changes may be made after submission to the college without approval of the college department chair.
4. Grade changes must only occur when an error in calculation is determined. When grades are determined to be mathematically incorrect or in direct violation of Board Policy or campus grading guidelines, the principal will direct the teacher to adjust the grade accordingly.
5. A student may be permitted a reasonable opportunity to redo an assignment or retake a test within the grading period for which the student received a failing grade for a maximum of a 70%. Campus developed grading procedures (communicated via the class syllabus) will define the opportunity and time frame for any retakes/retests/redos. These guidelines will be reviewed at the beginning of each school year, be consistent across each content area and will be published for all parents/students within the first week of the school year.
6. A student will be permitted to make-up assignments or take tests administered in any class that were missed because of an absence regardless of the absence reason. Teachers will put a ONE ("1") in the gradebook to indicate to the student, parent/guardian that the assignment/test is eligible to be made up. Teachers will not leave the grade blank. A student will receive a grade of zero ("0") for any assignment or test not made up within the allotted time. The allotted time to make up work or tests that have been missed consists of one day for each day absent.
7. A student may receive a grade penalty not to exceed 20% for makeup work after an unexcused absence (this work must be turned in within the correct time frame based on the absence or face late work penalties if applicable). It is the responsibility of the teacher to follow up with whether or not the absence was unexcused in the system.
8. A teacher will not impose a grade penalty for make-up work after an absence because of suspension.

9. A student transitioning from the Disciplinary Alternative Education Placement (DAEP) program will earn grades through Edmentum and possibly Google Classroom. The DAEP instructor will email grades to the Registrar.

10. The teacher will notify the parent/guardian when a student is not achieving progress toward or achievement of the TEKS/Standards. Documentation of parent/guardian communication must be maintained when a student's average falls below 75% in any class or if the student is in danger of failing. If a student receives a grade of less than 70% in any class or subject, parent/guardians will be contacted by phone and a conference may be scheduled. The progress report being sent home is not considered sufficient documentation.

11. A student or parent who feels that the grade received by the student has not been determined according to the grading guidelines and/or campus grading procedures is encouraged to discuss the concern with the teacher first. If the concern is not resolved based on these grading guidelines and Board policy, the student or parent/guardian may present the concern to the Principal. The Principal will investigate the facts to ensure that the grade is accurate and was determined in accordance with the established District grading guidelines, campus grading procedures and Board policies.

12. **Fast Track/Credit Recovery:** Students taking Edmentum courses in Fast Track or for credit recovery will receive grades upon completion of the course. These courses do not count in determining eligibility; however, a full-time Fast Track student is not eligible for UIL participation.

- The campus Principal will:

- communicate, discuss, and review the grading guidelines and campus developed grading procedures for retests/retakes/redos to ensure that they are understood by all stakeholders (teachers, students, and parents) at the beginning of the school year and at the start of the new semester.

- ensure that each department develops consistent grading and procedures will address late work policies and opportunities for redoing assignments/tests. The department/content grading and late work procedures are to be approved with a signature by the campus Principal.

- the campus grading guidelines shall be available on the District's website. A signed copy of the campus grading guidelines should be filed in the Principal's office not later than five work days after the beginning of a course.

## CRITERIA FOR PROMOTION

Students will be **promoted or awarded credit** based on the following:

- **Grades 9, 10, 11, and 12** -- High school credit is earned based on an average of 70% or above for the final grade (average of all four 9 weeks grades) or in semester long classes a 70% or above for the semester (average of two 9 weeks grades) and maintaining a 90% or better rate of attendance.

High school credit is also earned when the final average of semester one and two is 70% or above for a course within the same school year.

- **The STAAR End of Course (EOC) exams** required for graduation are Algebra I, Biology, English I, English II, and US History. Although the focus of the high school instructional program is not solely about these state mandated required exams, student success matters and our staff will work diligently to provide the instruction needed for student achievement. Students that do not experience success on their first attempt will have remediation options that will fit in place of their elective courses.