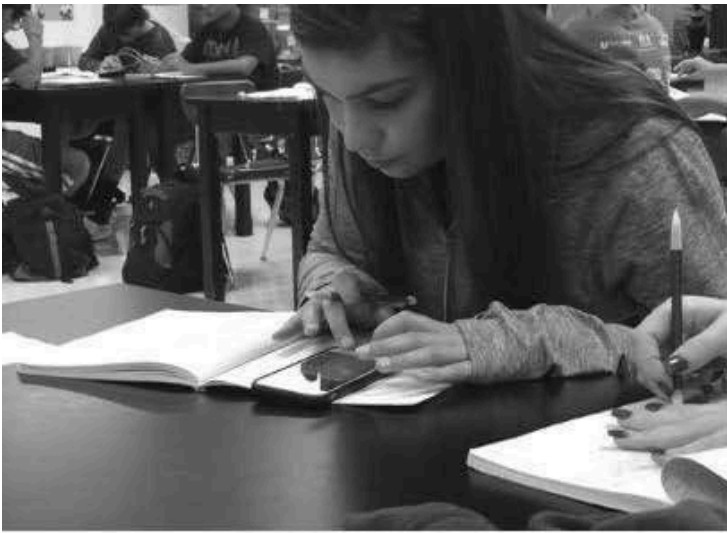


ACADEMIC PLANNING GUIDE



2026-2027



KRUM ISD MISSION

Krum ISD's mission is to create a collaborative atmosphere with parents, students and members of the community in order to ensure students will reach their full potential by providing every child with an exceptional education. We will strive to prepare our students academically and socially to embrace their future challenges, as well as ignite the desire to be lifelong learners, by providing a safe, respectful and positive learning environment.



KRUM HIGH SCHOOL



Home of Champions

SCHOLARSHIP · LEADERSHIP · SERVICE

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Dear KHS Students and Parents,

Krum ISD's mission is to create a collaborative atmosphere with parents, students, and members of the community in order to ensure students will reach their full potential by providing every child with an exceptional education. We will strive to prepare our students academically and socially to embrace their future challenges, as well as ignite the desire to be lifelong learners, by providing a safe, respectful and positive learning environment. The KHS Academic Planning Guide is designed to help students and parents understand their specific graduation plan requirements and choose appropriate courses that will help the student achieve their future goals.

KRUM HIGH SCHOOL



Each year, course selection can be an exciting time for students. However, it can also be very frustrating when a course is not available due to scheduling conflicts, class size limitations, and/or teacher availability. Please make your course selections carefully. Classes are subject to minimum class sizes and may not be scheduled due to lack of interest. It is important that students consider alternate course choices just in case his/her first choice is not available. Please note that all courses will not be offered every semester of every year. Please remember that upperclassmen will be given priority in courses with limited enrollment.

Teacher assignments are based on student course requests. Students may change their 2026-2027 schedule request for any reason until the last day of the 2025-2026 school year, as long as the student is still requesting courses that meet graduation requirements.

After the last day of school consideration for schedule change requests should meet the following criteria:

- A change is needed to balance a class size.
- Seniors not enrolled in a course **REQUIRED** for graduation.
- Students scheduled in a course for which they already have credit (Ex: Summer School Credit)
- Student is enrolled in a course for which the student does not have the prerequisite.
- Students with incomplete schedules.
- Student has failed a course and needs to repeat the course.
- Student is removed from athletic program.

The courses you select will prepare you for your future so please choose carefully and enjoy your high school experience!

Sincerely,
KHS Counseling Department

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700-A Bobcat Blvd

Krum, TX 76249

940-482-2601

Graduation Requirements

The graduation requirements listed satisfy graduation requirements established by the State of Texas and Krum ISD. Krum ISD encourages every parent to the greatest extent practicable, to have the student choose a high school personal graduation plan that promotes college and workforce readiness, career placement and advancement, and facilitates the student's transition from secondary to postsecondary education.

Graduation Plans

A Krum ISD student must earn at least 23 credits to complete the *Foundation High School Program* and must demonstrate proficiency in the following areas:

- English Language Arts- 4 Credits
- Mathematics- 3 credits
- Science- 3 Credits
- Social Studies- 4 Credits
- Languages other than English- 2 Credits
- Physical Education 1 Credit
- Fine Arts- 1 Credit
- Elective Courses- 5 Credits

A Krum ISD student must earn 27 credits to complete the Distinguished Level of Achievement by successfully completing:

- The requirements for the Foundation High School Program, plus;
- A fourth credit in mathematics; which must include Algebra II
- An additional credit in science, which includes one credit in biology, and one credit Chemistry or IPC
- A total of 4 credits in social studies, which includes United States History
- Two additional elective credits
- The curriculum requirements for at least one endorsement

A student may graduate under the foundation high school program without earning an endorsement if, after the student's sophomore year:

- The student and the student's parent or guardian are advised by a school counselor of the specific benefits of graduating from high school with one or more endorsements; AND
- The student's parent or guardian files with a school counselor written permission, on a form adopted by the agency, allowing the student to graduate under the foundation high school program without earning an endorsement.

Graduation Requirements

Krum ISD Graduation Plan: 27 Credits

English (4 Credits)	English I or English 1 Advanced English II or English II Advanced English III or AP English Language** English IV or AP English Literature**
Mathematics (4 Credits)	Algebra I Geometry or Geometry Advanced Algebra II or Algebra II Advanced** One additional advanced math credit**
Social Studies (4 Credits)	World Geography or AP Human Geography World History or AP World History U.S. History** Government (.5)** Economics (.5)**
Science (4 Credits)	Biology or Biology Advanced Chemistry or Chemistry Advanced Two additional advanced science credits**
Foreign Language (2 Credits)	Spanish I Spanish II or Spanish II Advanced (must be two levels of the same foreign language)
Physical Education (1 Credit)	Classes that meet PE requirement: PE, Football, Basketball (B/G), Baseball, Track, Tennis, Volleyball, Softball, Cheer, Band (fall only), Color Guard (fall only), Dance (fall only)
Fine Arts (1 Credit)	Art, Band, Choir, Theater Arts, Tech Theater, Dance, or Floral Design
Electives (7 Credits)	These courses come from our CTE pathways
Total: 27 Credits	**Indicates a dual credit or Dual Enrollment course can be taken

Endorsements

Krum ISD requires each student, upon entering ninth grade, indicate in writing an endorsement that the student intends to earn.

Students are able to earn one or more endorsement as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area. Students must select an endorsement in the ninth grade.

Students may choose from five endorsement areas:

Multidisciplinary

- Four advanced CTE courses; or
- Four credits in AP or dual credit; or
- Four credits in each of the four foundation subjects areas to include English IV, Chemistry, and/or physics

Arts & Humanities

- Five credits in social studies; or
- Four levels of the same foreign language; or
- A coherent sequence of four credits from one or two categories: Art, Music, Theater, Dance

STEM

Must complete Algebra II, Chemistry, and Physics; AND

- A coherent sequence of courses for four or more credits in Engineering; or
- Two additional math credits which Algebra II is a prerequisite; or
- Two additional science credits (does not include IPC)

The following endorsements are a coherent sequence of courses for four or more credits that include:

- At least two courses in the same cluster; and
- At least one advanced CTE Course; and

Business and Industry

- Final course from: *Animal Science, Plant Science, Digital Communications, Plumbing, HVAC, Electrical, Marketing & Sales, Culinary Arts, Manufacturing*

Public Service

- Final course from: *Education & Training, Exercise Science, Diagnostic & Therapeutic, Cosmetology, Law Enforcement*

Multidisciplinary

The Multidisciplinary Endorsement allows students to select a variety of courses from many different areas.

- Advanced CTE Courses: *Livestock Production, Adv. Animal Science, Floral Design, Adv. Floral Design, Horticulture Science, Practicum in AFNR, A/V Production II, Plumbing Technology II, HVAC & Refrigeration Tech II, Practicum in Construction Tech, Electrical Tech II, Sports and Entertainment Marketing II, Advertising, Social Media Production, Practicum in Marketing, Kinesiology II, Project Based Capstone, Instructional Practices, Practicum of Education, Health Science Theory, Anatomy & Physiology, Practicum in Health Science, Counseling & Mental Health, Law Enforcement II, Forensic Science, Forensic Psychology, Practicum in Law, Ag. Equipment Lab, Ag. Power Systems Lab, Culinary Arts II, Cosmo I & II*
- AP/Dual Credit: *AP English Literature, AP English Language, DC ENGL 1301/1302, DC ENGL 2322/2323, DC ENGL 2311, AP Calculus AB/BC, OnRamps College Algebra, DC MATH 1324/1342, DC HIST 1301/1302, DC GOVT 2305, DC ECON 2301, DC PSYC 2301, DC SOCI 1301, DC TX GOVT 2306, AP Human Geography, AP World History, OnRamps Biology, OnRamps Chemistry, AP Spanish IV, DC ART 1301, DC PHIL 1301, Tarleton Today Horticulture Science, Tarleton Today Instructional Practices, Tarleton Today Practicum in Education*
- Foundation Subjects: *English I, English II, English III, English IV, World Geography, World History, U.S. History, Government, Economics, Algebra I, Geometry, Algebra II, one additional math credit, Biology, Chemistry, two additional science credits. (Advanced, AP, Dual Credit, and Dual Enrollment courses in any of the subjects count as foundation subjects)*

Arts & Humanities

The arts and humanities endorsement offers students an opportunity to study ancient and modern literature, history, language and culture. These courses allow students an opportunity to explore and understand how other cultures live. Students interested in the performing arts of music and theatre, as well as the visual arts, may find this endorsement suitable for them.

- Social Studies: *World Geography, World History, U.S. History, Government/Economics, AND pick of Psychology (.5), Sociology (.5), TX Government (.5) (college or high school level)*
- Foreign Language: *Spanish I, Spanish II, Spanish III Adv, AP Spanish IV*
- Fine Arts: *Art I, Art, II, Art III, Art IV (2D or 3D), Men or Women's Choir, Theater Arts, Technical Theater, Dance, or Band*

STEM

Students pursuing a STEM endorsement would complete courses directly related to: Environmental Science, Technology, Engineering, Advanced Mathematics, or Computer Science.

Must complete Algebra II, Chemistry, Physics, and

- Science: *Biology, and two additional science courses: Adv. Animal Science, Anatomy & Physiology, Aquatic Science, Environmental Systems, Forensic Science, OnRamps Biology, OnRamps Chemistry*
- Math: *Algebra I, and two additional math courses: Pre Calculus, DC Math, AP Calculus AB/BC, OnRamps College Algebra*
- Engineering: *Principals of Engineering, AC/DC Electronics, Practicum in STEM I and II (all engineering courses are taken at the LaGrone Academy in Denton ISD)*

Business & Industry

The Business and Industry Endorsement incorporates a large number of career paths related to agriculture plants, animals, or manufacturing, marketing and sales, audio/video, digital media, and culinary arts.

- Agriculture: *Principles of Ag, Equine Science, Small Animal, Livestock production, Adv. Animal Science, Landscape Management, Turf Grass Management, Greenhouse Production & Operation, Floral Design, Adv. Floral Design, Tarleton Today Horticulture Science, Entrepreneurship I, Practicum in AFNR*
- Marketing and Sales: *Principles in Business, Sports and Entertainment Marketing I, Digital Design and Media Production, Entrepreneurship I, Sports and Entertainment II, Social Media Marketing, Advertising, Statistics and Business Decision Making, Practicum in Marketing*
- Audio/Video: *Principles of Audio/Video, Digital Design & Media Production, Entrepreneurship I, Audio/Video Production, Audio/Video Production II, Practicum in A/V*
- Manufacturing: *Ag. Mech and Metal, Ag. Structure Design Lab, Ag. Power Systems Lab, Ag. Equipment Lab,*
- Culinary Arts: *Introduction to Culinary Arts, Culinary Arts I, Culinary Arts II, Practicum in Culinary Arts*
- HVAC: *Principles of Construction, HVAC I, HVAC II, Practicum in Construction (through NCTC)*
- Electrical: *Principles of Construction, Electrical Technology I, Electrical Technology II, Practicum in Construction (through NCTC)*
- Plumbing: *Principles of Construction, Plumbing Technology I, Plumbing Technology II, Practicum in Construction (through NCTC)*

Public Service

Students pursuing an endorsement in Public Service will enroll in courses directly related to health science, education, law enforcement, exercise science, and cosmetology.

- Health Science: *Principles in Health Science, Medical Terminology, Health Science Theory, Anatomy & Physiology, Practicum in Health Science*
- Education & Training: *Principles in Education, Child Development, Tarleton Today Instructional Practices, Tarleton Today Practicum in Education*
- Exercise Science: *Principles of Exercise Science, Kinesiology I & II, Project-Based Capstone I-III, Practicum in Health Science*
- Law Enforcement: *Principles of Law Enforcement, Federal Law Enforcement, Law Enforcement II, Counseling & Mental Health, Forensic Science, Forensic Psychology, Practicum in Law & Public Safety*
- Cosmetology: *Intro to Cosmetology, Cosmo I, Cosmo II*

****The classes listed above are all the classes offered at Krum High School. Students that have transfer CTE credits will be accepted and applied to the endorsement they fall under.**

Additional Graduation Requirements

To earn a diploma in Texas, students must also meet the following requirements:

- Achieve passing scores on end of course (EOC) assessments or approved substitute assessments
- Complete and submit a FAFSA, TASFA, or opt out form (TEC §28.0256)
- Complete instruction on emergency preparedness, including CPR and AED (TEC § 28.0023)
- Complete instruction on Peace Officer Interaction (TAC, §74.39)
- Complete Speech requirement through English II, English III, or English IV

State Assessment-STAAR

Students taking high school level courses in Algebra I, English I and II, U. S. History and Biology must take and pass all five of the end of course exams. Passing is defined as achieving “approaches performance” standards. Student must meet passing standards for graduation. Any student not receiving “approaches performance” standards will be provided remediation and possible review of an Individual Graduation Committee (IGC).

More information regarding STAAR assessments may be found online at <http://www.tea.state.tx.us/>

Early Graduation

Krum students may graduate early only when they have met the Krum ISD Graduation Plan requirements and all State of Texas additional diploma requirements. Early graduation must be approved by campus principal.

Based on district and state graduation requirements, students pursuing early graduation will need to “double up” to complete all necessary courses over a three to three and a half year period. Krum High School only offers 8 course credits in a school year, and 27 credits minimum are required to graduate; therefore, the early graduate may need to consider alternative methods for earning credits. These credits can be earned through distance learning courses (Texas Tech K-12) or CBEs for acceleration. Early graduates and parents/guardians are responsible for payment of these courses and completing them before graduation.

Early Graduation Process/Requirements:

- Commitment to early graduation will happen before the end of a students sophomore year.
- Student will first visit with their counselor to create a plan for early graduation and receive the Early Graduate Application.
- Application will be sent home for the student and parent/guardian to fill out. Once application is returned, the campus principal will then determine if the student can meet all graduation requirements in three to three and a half years.
 - 27 credits can be met in 3 to 3.5 years
 - Required EOCs are passed
 - Completion of a Program of Study
 - CCMR point gained before graduation
- If approved, early graduates courses will change for their junior and senior year, and distance learning courses can be paid for and started. **If denied**, the student’s schedule will remain the same for graduating in 4 years.

Programs of Study

The Division of College, Career, and Military Preparation has engaged members of the workforce, secondary education, and higher education to advise on the development of programs of study, including coherent sequences of courses, industry-based certifications, and work-based learning to ensure students are prepared for in-demand, high-skill, and high-wage careers in Texas.

The programs of study go into effect for the 2020-2021 school year and will allow Texas to meet the federal program approval requirements within the Strengthening CTE for the 21st Century Act (Perkins V). Programs of study documents can be viewed by following the links at: <https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/approved-cte-programs-study>.

Source: Texas Education Agency

Career & Technical Education (CTE) Electives

Krum ISD offers Career and Technical Education programs in eleven career clusters including:

- Agricultural Food and Natural Resources
- Architecture and Construction
- Arts, Audio Visual Technology and Communication
- Business, Marketing, and Finance
- Education and Training
- Health Science
- Hospitality and Tourism
- Human Services
- Law, Public Safety and Security
- Manufacturing
- Engineering-through LaGrone Academy
- EMT-through LaGrone Academy
- Firefighter-through LaGrone Academy

Admission to these programs is based on interest and aptitude, age appropriateness, class space availability and application process. It is the policy of Krum ISD 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.

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

For information about your rights or grievance procedures, contact the Title IX Coordinator, Nancy Shipley, at 940-435-7116 nancy.shipley@krumisd.net and/or the Section 504 Coordinator, Terry Rahn, at 940-435-7117 terry.rahn@krumisd.net or by mail at, 1200 Bobcat Blvd. Krum, Texas 76249

CTE Program of Study Completers

For the graduating class 2026 and subsequent cohorts, students are expected to achieve completer status and earn an Industry-Based Certification (IBC) to qualify for College, Career, and Military Readiness (CCMR) status. A student is deemed a completer upon completing, passing, and receiving credit for three or more high school Career and Technical Education (CTE) courses that total four or more credits, including at least one Level 3 or Level 4 course within the same program of study.

Beginning in the Fall of 2025, students' selection of **CTE** courses must adhere to a designated pathway based on previously completed courses or their course choices upon entering high school (please refer to the CTE pathways on pages 15-28). Counselors will assist students throughout this process during scheduling meetings in the spring for the upcoming academic year.

The requirements for CTE courses are as follows:

- Students are expected to attain completer status and earn an Industry Based Certification before graduation.
- Students are expected to select CTE courses solely based on the pathway they intend to complete.
- Students may enroll in courses outside their chosen pathway only if they have sufficient space in their schedule, have completed or will complete another pathway, and if space is available in the class.
- Counselors may modify a student's CTE course schedule to ensure the student achieves completer status within their designated pathway.



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 occupations ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.

Statewide Program of Study: Animal Science

The Animal Science program of study focuses on occupational and educational opportunities associated with the science, research, and business of animals and other living organisms. This program of study includes applying 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 will 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 | <ul style="list-style-type: none"> Principles of Agriculture, Food, and Natural Resources |
| Level 2 | <ul style="list-style-type: none"> Small Animal Management Equine Science Entrepreneurship I |
| Level 3 | <ul style="list-style-type: none"> Livestock and Poultry Production |
| Level 4 | <ul style="list-style-type: none"> Advanced Animal Science Practicum in Agriculture, Food, and Natural Resources |

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> Shadow an animal scientist in a biology lab to learn about applying science to understand animals and wildlife Intern in a veterinary clinic, caring for animals and wildlife being treated in the clinic
Expanded Learning Opportunities	<ul style="list-style-type: none"> Participate in an FFA career, leadership, and speaking contest like an agriscience fair Attend an agricultural industry seminar

Aligned Industry-Based Certifications

- AgriLife Veterinary Assistant Certificate
- Certified Veterinary Assistant, Level 1
- Elanco Fundamentals of Animal Science Certification
- Elanco Veterinary Medical Applications Certification
- Equine Management & Evaluation Certification
- Licensed Veterinary Technician
- Production Agriculture - Job Ready
- Small Animal Science and Technology



Example Postsecondary Opportunities

Apprenticeships

- Reproduction Technician

Associate Degrees

- Biological and Physical Sciences
- Entomology

Bachelor's Degrees

- Animal Science
- Zoology/Animal Biology

Master's, Doctoral, and Professional Degrees

- Marine Sciences
- Biotechnology

Additional Stackable IBCs/License

- Veterinarian
- Certified Veterinary Technician

Example Aligned Occupations



Veterinary Assistants and Laboratory Animal Caretakers

Median Wage: \$33,581
Annual Openings: 1,953
10-Year Growth: 24%

Veterinary Technologists and Technicians

Median Wage: \$35,698
Annual Openings: 1,820
10-Year Growth: 24%

Veterinarians

Median Wage: \$125,030
Annual Openings: 435
10-Year Growth: 26%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024

For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/afnr-animal-science-extended.pdf>





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 occupations ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.

Statewide Program of Study: Plant Science

The Plant Science program of study focuses on occupational and educational opportunities associated with the science, research, and business of plants and other living organisms. This program of study includes the application of biology and life science to real-world life processes of plants and vegetation, either in laboratories or in the field.



Secondary Courses for High School Credit

Level 1	<ul style="list-style-type: none"> Principles of Agriculture, Food, and Natural Resources
Level 2	<ul style="list-style-type: none"> Landscape Design and Management Turf Grass Management Greenhouse Operation and Production Entrepreneurship I
Level 3	<ul style="list-style-type: none"> Horticultural Science Floral Design
Level 4	<ul style="list-style-type: none"> Advanced Floral Design Practicum in Agriculture, Food, and Natural Resources

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> Work in a part-time job at a landscaping company to learn about production and management of plants. Intern at an agricultural research company, working alongside a biological technician to learn about application of biology to plant production
Expanded Learning Opportunities	<ul style="list-style-type: none"> Participate in an FFA career, leadership, and speaking contest like an agriscience fair Participate in an industry-related competition like an agriscience fair

Aligned Industry-Based Certifications

- BASF Plant Science Certification
- Commercial & Non Commercial Pesticide Applicator
- Horticulture - Landscaping - Job Ready
- Landscape Irrigator
- Principles of Floral Design Certification
- Production Agriculture - Job Ready
- SFMA Turfgrass Science Certification
- Texas Certified Landscape Associate (TCLA)
- Texas Certified Landscape Professional (TCLP)
- Texas Certified Nursery Professional
- Texas Certified Water Smart Professional (TCWSP)
- Texas State Florist's Association Knowledge Based Floral Certification
- Texas State Florist's Association Level I Floral Certification
- Texas State Florist's Association Level II Floral Certification



Successful completion of the Plant Science program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Apprenticeships

- Horticulturist

Associate Degrees

- Biology/Biological Sciences
- Biological and Physical Sciences

Bachelor's Degrees

- Horticulture
- Plant Pathology/Phytopathology

Master's, Doctoral, and Professional Degrees

- Plant Breeding
- Botany/Plant Biology

Additional Stackable IBCs/License

- Nursery Floral License
- Horticulturist Certification



Example Aligned Occupations



Pesticide Handlers, Sprayers, and Applicators, Vegetation

Median Wage: \$44,570

Annual Openings: 121

10-Year Growth: 17%

Biological Technicians

Median Wage: \$47,968

Annual Openings: 665

10-Year Growth: 14%

Farmers, Ranchers, and Other Agricultural Managers

Median Wage: \$79,064

Annual Openings: 30,363

10-Year Growth: 4%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/afnr-plant-science-extended.pdf>



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 occupations ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist.

Statewide Program of Study: Agricultural Technology and Mechanical Systems

The Agricultural Technology and Mechanical Systems program of study focuses on occupational and educational opportunities associated with applying engineering technology and biological science to agricultural problems related to power and machinery, electrification, structures, soil and water use, and processing agricultural products. This program of study includes diagnosing, repairing, or overhauling farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.



Secondary Courses for High School Credit

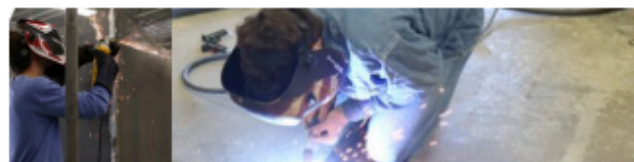
Level 1	<ul style="list-style-type: none"> Principles of Agriculture, Food, and Natural Resources
Level 2	<ul style="list-style-type: none"> Agricultural Mechanics and Metal Technologies
Level 3	<ul style="list-style-type: none"> Agricultural Structures Design and Fabrication Lab Agricultural Power Systems + Agricultural Lab
Level 4	<ul style="list-style-type: none"> Agricultural Equipment Design Lab Practicum in Agriculture, Food, and Natural Resources

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> Participate in a farm mechanic apprenticeship at an equipment production company Intern at an equipment manufacturing facility working with agricultural engineers
Expanded Learning Opportunities	<ul style="list-style-type: none"> Participate in an FFA career, leadership, and speaking contest like an agriscience fair Participate in an agriculture robotics event

Aligned 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
- Core
- Industrial Technology Maintenance (ITM) - Basic Pneumatic Systems
- Industrial Technology Maintenance (ITM) - Maintenance Welding
- Machining Measurement, Material, and Safety
- Welding - Job Ready
- Welding and Fabrication
- Welding Level 2
- Welding Level I



Example Postsecondary Opportunities

Apprenticeships

- Farm Equipment Mechanic I

Associate Degrees

- Diesel Mechanics Technology
- Industrial Mechanics and Maintenance Technology

Bachelor's Degrees

- Agricultural Engineering
- Agricultural Systems Management

Master's, Doctoral, and Professional Degrees

- Agricultural Engineering
- Industrial Technology

Additional Stackable IBCs/License

- Diesel Equipment Technology-Off Highway Specialization CER1
- Accredited Farm Manager



Example Aligned Occupations



Farm Equipment Mechanics and Service Technicians

Median Wage: \$41,258
Annual Openings: 315
10-Year Growth: 23%

Mobile Heavy Equipment Mechanics

Median Wage: \$60,005
Annual Openings: 2,315
10-Year Growth: 31%

Farmers, Ranchers, and Other Agricultural Managers

Median Wage: \$79,064
Annual Openings: 30,363
10-Year Growth: 4%

Agricultural Technology and Mechanical Systems





Architecture and Construction Career Cluster

The Architecture and Construction career cluster focuses on designing, planning, managing, building, and maintaining the built environment. This career cluster includes occupations ranging from architect, carpenter, and construction manager to electrician, plumber and heating, air conditioning, and refrigeration technician.

Statewide Program of Study: *Plumbing and Pipefitting*

The Plumbing and Pipefitting program of study focuses on occupational and educational opportunities related to assembling, installing, and repairing pipes, fittings, or fixtures of heating, water, and drainage systems. The program of study includes maintaining pipe supports and related hydraulic or pneumatic equipment for steam, hot water, heating, cooling, lubricating, and sprinkling.



Secondary Courses for High School Credit

Level 1 • Principles of Construction

Level 2 • Plumbing Technology I

Level 3 • Plumbing Technology II

Level 4 • Practicum in Construction Technology

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> Complete a pre-apprenticeship in plumbing or pipefitting to develop skills in assembling, installing, and repairing pipes Shadow a plumber who is repairing and drainage systems
Expanded Learning Opportunities	<ul style="list-style-type: none"> Participate in SkillsUSA Tour apprenticeship programs

Aligned Industry-Based Certifications

- | | |
|---|--|
| <ul style="list-style-type: none"> Core HBI Pre-Apprenticeship Certificate Training (PACT), Core Industrial Pipefitter Industrial Technology Maintenance (ITM) - Maintenance Piping | <ul style="list-style-type: none"> Pipefitting Pipefitting Level I Plumbing Plumbing Level I Plumbing Level II Tradesman Plumber - Limited |
|---|--|



Example Postsecondary Opportunities

Apprenticeships

- Plumber
- Pipefitter

Associate Degrees

- Pipefitting/Pipefitter and Sprinkler Fitter
- Construction Site Management
- Plumbing Technology
- Property Maintenance

Bachelor's Degrees

- Construction Engineering
- Construction Management

Master's, Doctoral, and Professional Degrees

- Construction Engineering
- Construction Management

Additional Stackable IBCs/License

- Journeyman Plumber
- Master Plumber



Example Aligned Occupations

Helpers—Pipelayers, Plumbers, Pipefitters, and Steamfitters

Median Wage: \$37,533
Annual Openings: 1,113
10-Year Growth: 26%

Plumbers, Pipefitters, and Steamfitters

Median Wage: \$57,246
Annual Openings: 4,336
10-Year Growth: 22%

Construction Managers

Median Wage: \$98,294
Annual Openings: 5,403
10-Year Growth: 24%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024



For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/ac-plumbing-and-pipefitting-extended.pdf>

Architecture and Construction Career Cluster

The Architecture and Construction career cluster focuses on designing, planning, managing, building, and maintaining the built environment. This career cluster includes occupations ranging from architects, carpenters, and construction managers to electricians, plumbers, and heating, air conditioning, and refrigeration technicians.

Statewide Program of Study: HVAC and Sheet Metal

The HVAC and Sheet Metal program of study focuses on occupational and educational opportunities associated with installing, servicing, or repairing heating and air conditioning systems. The program of study addresses fabrication, assembly, installation, and repair of sheet metal products and equipment, such as ducts, control boxes, drainpipes, and furnace casings.



Secondary Courses for High School Credit

- | | |
|---------|---|
| Level 1 | • Principles of Construction |
| Level 2 | • Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I |
| Level 3 | • Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II |
| Level 4 | • Practicum in Construction Technology |

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> Participate in a pre-apprenticeship in HVAC and refrigeration Intern with an HVAC company to practice installing and repairing heating and cooling systems
Expanded Learning Opportunities	<ul style="list-style-type: none"> Job shadow an HVAC technician or cost estimator Participate in SkillsUSA

Aligned Industry-Based Certifications

- | | |
|---|---|
| • Construction Technology Certification Level I | • Employment Ready Certification - Light Commercial Air Conditioning |
| • Core | • HBI Pre-Apprenticeship Certificate Training (PACT), Core |
| • Employment Ready Certification - Air Conditioning | • HBI Pre-Apprenticeship Certificate Training (PACT), Heating, Ventilation and Air Conditioning |
| • Employment Ready Certification - Electrical | • HVAC Support Technician Certificate |
| • Employment Ready Certification - Gas Heat | • HVACR Level I |
| • Employment Ready Certification - Heat Pumps | • Sheet Metal Level I |



Example Postsecondary Opportunities

Apprenticeships

- Heating and Air Conditioning Installer

Associate Degrees

- Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology
- Construction Site Management
- Property Maintenance
- Sheet Metal Technology/Sheetworking

Bachelor's Degrees

- Construction Engineering
- Construction Management
- Building/Construction Site Management
- Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology

Master's, Doctoral, and Professional Degrees

- Construction Engineering
- Construction Management



Example Aligned Occupations

Helpers—Installation, Maintenance, and Repair Workers

Median Wage: \$34,574
Annual Openings: 2,061
10-Year Growth: 22%

Heating, Air Conditioning, and Refrigeration Mechanics and Installers

Median Wage: \$50,195
Annual Openings: 3,519
10-Year Growth: 21%

Construction Managers

Median Wage: \$98,294
Annual Openings: 5,403
10-Year Growth: 24%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/20240

For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/ac-hvac-extended.pdf>



Architecture and Construction Career Cluster

The Architecture and Construction career cluster focuses on designing, planning, managing, building, and maintaining the built environment. This career cluster includes occupations ranging from architect, carpenter, and construction manager to electrician, plumber and heating, air conditioning and refrigeration technician.

Statewide Program of Study: *Electrical*

The Electrical program of study focuses on occupational and educational opportunities associated with installing, maintaining, and repairing electrical wiring, equipment, and fixtures. The program of study also addresses installing and repairing telecommunications cable including fiber optics.



Secondary Courses for High School Credit

- | | |
|---------|--|
| Level 1 | • Principles of Construction |
| Level 2 | • Electrical Technology I |
| Level 3 | • Electrical Technology II |
| Level 4 | • Practicum in Construction Technology |

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities

- Participate in an internship with an electrical company to develop installation skills
- Join a pre-apprenticeship program that involves determining if electrical wiring is up to code
- Interview an electrician about their training and education

Expanded Learning Opportunities

- Participate in SkillsUSA
- Participate in trade competitions

Aligned Industry-Based Certifications

- | | |
|---|--|
| • C-200 Certified Industry 4.0 Automation Systems Specialist I - 201 Electrical Systems 1 | • Fundamentals of Industrial Wiring |
| • Commercial Electrician | • HBI Pre-Apprenticeship Certificate Training (PACT), Basic Electrical |
| • Construction Technology Certification Level I | • HBI Pre-Apprenticeship Certificate Training (PACT), Core |
| • Core | • Industrial Technology Maintenance (ITM) - Electrical Systems |
| • Electrical Apprenticeship Certificate Level I | • Interim Credential |
| • Electrical Level I | • Residential Appliance Installer |
| • Electrical Level II | • Residential Wireman |
| • Electronic System Technician Level I | • TRIO Electrical Pre-Apprenticeship (EPP) Certification |
| • Electronic System Technician Level II | |



Example Postsecondary Opportunities

Apprenticeships

- Electrician

Associate Degrees

- Electrical and Power Transmission Installation
- Electrical Power and Controls
- Electromechanical Technology

Bachelor's Degrees

- Construction Engineering
- Electrical, Electronic, and Communications
- Engineering Electrical Engineering

Master's, Doctoral, and Professional Degrees

- Construction Engineering
- Construction Management

Additional Stackable IBCs/License

- Journeyman Electrician
- Master Electrician



Example Aligned Occupations

Electricians Helpers

Median Wage: \$42,692
Annual Openings: 1,299
10-Year Growth: 20%

Electricians

Median Wage: \$55,891
Annual Openings: 7,798
10-Year Growth: 27%

Construction Managers

Median Wage: \$98,294
Annual Openings: 5,403
10-Year Growth: 24%



Business, Marketing, and Finance Career Cluster

The Business, Marketing, and Finance career cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. This career cluster includes occupations ranging from business owner and entrepreneur to accountant, retail manager, and market analyst.

Statewide Program of Study: *Marketing and Sales*

The Marketing and Sales program of study focuses on occupational and educational opportunities associated with collecting information to estimate potential sales of a product or service and create campaigns to market or distribute goods and services. It includes applying data related to customer demographics, preferences, needs, and buying habits.



Secondary Courses for High School Credit

Level 1	<ul style="list-style-type: none"> Principles of Business, Marketing, and Finance
Level 2	<ul style="list-style-type: none"> Sports and Entertainment Marketing Digital Design and Media Production Entrepreneurship I
Level 3	<ul style="list-style-type: none"> Sports and Entertainment Marketing II Advertising Social Media Marketing
Level 4	<ul style="list-style-type: none"> Statistics and Business Decision Making Practicum in Marketing

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> Intern at a marketing and advertising company Job shadow a pharmaceutical sales representative Intern at a local retail company
Expanded Learning Opportunities	<ul style="list-style-type: none"> Job shadow an account representative at a marketing firm Participate in BPA, DECA, FBLA, Young Billionaires Club, or related UIL events

Aligned Industry-Based Certifications

- Business of Retail: Certified Specialist
- Certified Insurance Service Representative
- Content Creation & Marketing Using Adobe Express
- Customer Service and Sales: Certified Specialist
- Entrepreneurship and Small Business
- General Lines – Life, Accident, Health and HMO License
- Public Insurance Adjuster License
- Limited Lines License
- Managing General Agent
- Meta Certified Digital Marketing Associate
- Online Marketing Certified Associate (OMCA)
- Personal Lines Property and Casualty Agent
- Real Estate Sales Agent License
- Retail Merchandising - Job Ready
- Surplus Lines License
- Life Only Agent
- Texas Property and Casualty License

Successful completion of the Marketing and Sales program of study will fulfill requirements of the Business and Industry endorsement.



Example Postsecondary Opportunities

Associate Degrees

- Marketing/Marketing Management
- Retail Management

Bachelor's Degrees

- Business Administration
- Marketing/Marketing Management
- Fashion Merchandising

Master's, Doctoral, and Professional Degrees

- Business Administration
- Applied Economics
- Business Analytics

Additional Stackable IBCs/License

- Salesforce
- Service Contract Providers



Example Aligned Occupations

Sales Representatives of Services

Median Wage: \$60,701
Annual Openings: 13,938
10-Year Growth: 15%

Market Research Analysts

Median Wage: \$64,690
Annual Openings: 6,676
10-Year Growth: 35%

Sales Managers

Median Wage: \$127,559
Annual Openings: 7,702
10-Year Growth: 21%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/bmf-marketing-and-sales-extended.pdf>

Arts, Audio Visual Technology, and Communications Career Cluster

The Arts, Audio Visual Technology, and Communication (AAVTC) career cluster focuses on designing, producing, exhibiting, performing, writing, and publishing multimedia content requiring creative aptitude, fluency in computer and technology applications, and proficiency in oral and written communication. This career cluster includes occupations ranging from camera operator, audio and video technician, director, and producer to graphic designer and web and digital interface designer.

Statewide Program of Study: *Digital Communications*

The Digital Communications program of study focuses on occupational and educational opportunities associated with the production of audio and visual media formats for various purposes, such as TV broadcasts, advertising, video production, or motion pictures. The program of study includes operating machines and equipment such as microphones, sound speakers, video screens, projectors, video monitors, sound and mixing boards, and related electronic equipment to record sound and images.



Secondary Courses for High School Credit

Level 1	<ul style="list-style-type: none"> Principles of Arts, Audio/Video Technology, and Communications
Level 2	<ul style="list-style-type: none"> Audio/Video Production I Digital Design and Media Production Entrepreneurship I
Level 3	<ul style="list-style-type: none"> Audio/Video Production II
Level 4	<ul style="list-style-type: none"> Practicum in Audio/Video Production

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> Shadow a sound designer to learn how sound and foley are created for movies or podcasts Intern with a technical director at a sports team, recording studio, or radio station Shadow a technician on a live news broadcast, concert, or other event
Expanded Learning Opportunities	<ul style="list-style-type: none"> Participate in SkillsUSA or TSA Participate in Student Television Network Capture and edit film and audio for a podcast with a local community organization

Aligned 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 Certified User Maya
- Broadcasting and Journalism
- Certified Audio Engineer for Broadcast
- Certified CG Operator – Using Character Generators
- Certified Shading and Camera Operator
- Certified Technical Director Using Video Production Switchers
- Content Creation & Marketing Using Adobe Express
- Digital Video Production Foundations
- Meta Certified Digital Marketing Associate
- Online Marketing Certified Associate (OMCA)
- Toon Boom Associate Certification in Storyboarding Pro
- Tosa Adobe Illustrator (Advanced or Expert)
- Tosa Adobe InDesign (Advanced or Expert)
- Tosa Adobe Photoshop (Advanced or Expert)
- Tosa Adobe Premiere Pro (Advanced or Expert)



Example Postsecondary Opportunities

Apprenticeships

- Light Technician

Associate Degrees

- Commercial and Advertising Art
- Animation, Interactive Technology, Video Graphics, and Special Effects

Bachelor's Degrees

- Cinematography and Film/Video Production
- Recording Arts Technology

Master's, Doctoral, and Professional Degrees

- Animation, Interactive Technology, Video Graphics, and Special Effects
- Communications Technology

Additional Stackable IBCs/License

- CompTIA Digital Media and Entertainment Professional Certification (DMEP)

Example Aligned Occupations



Camera Operators, Television, Video, and Film

Median Wage: \$62,701

Annual Openings: 169

10-Year Growth: 20%

Audio and Video Technicians

Median Wage: \$48,466

Annual Openings: 525

10-Year Growth: 30%

Producers and Directors

Median Wage: \$61,827

Annual Openings: 808

10-Year Growth: 12%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:

<https://hea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/aaavtc-digital-communications-extended.pdf>



Hospitality and Tourism Career Cluster

The Hospitality and Tourism career cluster focuses on the management, marketing, and operations of restaurants, lodging, attractions, recreation events, and travel-related services. This career cluster includes occupations ranging from reservation and transportation ticket agent to event planner and general manager.

Statewide Program of Study: Culinary Arts

The Culinary Arts program of study focuses on occupational and educational opportunities associated with the planning, directing, or coordinating activities of a food and beverage organization or department. This program of study includes opportunities involved in directing and participating in the preparation of food.



Secondary Courses for High School Credit

Level 1	• Introduction to Culinary Arts
Level 2	• Culinary Arts • Entrepreneurship I
Level 3	• Advanced Culinary Arts
Level 4	• Practicum in Culinary Arts

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> Shadow a director of a non-profit that produces and delivers food for communities in need Intern at a catering company and learn about food production for large-scale events Work part-time in a restaurant as a line cook or chef
Expanded Learning Opportunities	<ul style="list-style-type: none"> Participate in FCCLA Participate in SkillsUSA Participate in Texas Restaurant and Foodservice Management Organization

Aligned Industry-Based Certifications

- Certified Culinarian (CC)
- Certified Fundamentals Cook
- Certified Fundamentals Pastry Cook
- Certified Pastry Culinarian (CPC)
- Certified Restaurant Professional
- Commercial Foods
- Culinary Meat Selection & Cookery Certification
- Food Protection Manager Certification
- Food Safety & Science Certification
- Hospitality and Tourism Specialist
- ManageFirst Professional
- Meat Evaluation Certification
- Pre-Professional Certification in Culinary Arts
- Pre-Professional Certification in Food Science Fundamentals
- ServSafe Manager



Example Postsecondary Opportunities

Associate Degrees

- Culinary Arts
- Baking and Pastry Arts

Bachelor's Degrees

- Hotel/Motel Administration/Management
- Culinary Science

Master's, Doctoral, and Professional Degrees

- Organizational Leadership
- Foodservice Systems Administration/Management

Additional Stackable IBCs/License

- Food Manager License



Example Aligned Occupations

Food Service Managers

Median Wage: \$61,748
Annual Openings: 2,941
10-Year Growth: 15%

Chefs and Head Cooks

Median Wage: \$48,557
Annual Openings: 2,699
10-Year Growth: 37%

General and Operations Managers

Median Wage: \$96,046
Annual Openings: 44,419
10-Year Growth: 23%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/ht-culinary-arts-extended.pdf>



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. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

Statewide Program of Study: *Diagnostic and Therapeutic Services*

The Diagnostic and Therapeutic Services program of study focuses on occupational and educational opportunities associated with diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study includes exploration of patient treatment and 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

Level 2 • Medical Terminology

Level 3 • Anatomy and Physiology
• Health Science Theory

Level 4 • Practicum in Health Science

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities

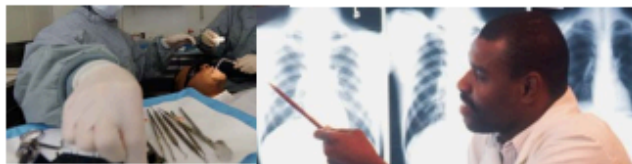
- Intern with a medical assistant at a community clinic, hospital, assisted living, or long-term care facility
- Participate in job shadowing experiences such as Emergency Medical Services (EMS) ride along or hospital/clinical job

Expanded Learning Opportunities

- Participate in Health Occupation Students of America (HOSA) or SkillsUSA
- Participate in Advanced Medical Ambulance Bus (AMBUS) event or Community Emergency Response Team (CERT) event

Aligned Industry-Based Certifications

- Certified Cardiographic Technician
- Certified Dental Assistant
- Certified EKG Technician
- Certified Nurse Aide (CNA)
- Certified Occupational Therapy Assistant
- Licensed Dental Hygienist
- ECG Technician
- Emergency Care Attendant (ECA)
- Emergency Medical Technician – Basic
- Limited Medical Radiologic Technologist (LMRT)
- Medical Assistant
- Medical Laboratory Assistant
- Medical Laboratory Technician
- Patient Care Technician
- Pharmacy Technician
- Phlebotomy Technician
- Registered Dental Assistant (RDA)
- Registered Dental Assistant X-Ray Certification
- Respiratory Therapist



Example Postsecondary Opportunities

Apprenticeships

- Medical Assistant

Associate Degrees

- Emergency Medical Technology
- Radiologic Technology/Science

Bachelor's Degrees

- Emergency Medical Technology
- Medical Insurance Coding

Master's, Doctoral, and Professional Degrees

- Medicine
- Occupational Therapy

Additional Stackable IBCs/License

- Registered Diagnostic Medical Sonographer



Example Aligned Occupations

Medical Assistants

Median Wage: \$37,568
Annual Openings: 11,247
10-Year Growth: 29%

Dental Hygienists

Median Wage: \$89,155
Annual Openings: 1,047
10-Year Growth: 32%

Physician Assistants

Median Wage: \$131,082
Annual Openings: 887
10-Year Growth: 41%



Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/hs-diagnostic-and-therapeutic-services-extended.pdf>



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. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

Statewide Program of Study: *Exercise Science, Wellness, and Restoration*

The Exercise Science, Wellness, and Restoration program of study focuses on occupational and educational opportunities associated with assisting patients with maintaining physical, mental, and emotional health. This program of study includes researching diet and exercise needed to maintain a healthy, balanced lifestyle and exploring techniques to help patients recover from injury, illness, or disease.



Secondary Courses for High School Credit

Level 1	<ul style="list-style-type: none"> Principles of Exercise Science and Wellness
Level 2	<ul style="list-style-type: none"> Medical Terminology Kinesiology I Entrepreneurship I
Level 3	<ul style="list-style-type: none"> Health Science Theory Anatomy and Physiology Kinesiology II
Level 4	<ul style="list-style-type: none"> Career and Technical Education Project-Based Capstone Practicum in Health Science

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> Participate in an internship with a physical therapist, occupational therapist, or speech therapist Shadow an athletic trainer from a local sports team
Expanded Learning Opportunities	<ul style="list-style-type: none"> Participate in the Texas State Athletic Trainers Association Participate in HOSA, SkillsUSA, or Future Coaches of Texas Association Volunteer at a hospital or rehabilitation center

Aligned Industry-Based Certifications

- Certified Occupational Therapy Assistant
- Certified Personal Trainer
- Emergency Care Attendant (ECA)
- Emergency Medical Technician – Basic
- Medical Assistant
- Physical Therapy Technician Certification (PTTC)
- Pre-Professional Certification in Nutrition, Food, and Wellness



Example Postsecondary Opportunities

Apprenticeships

- Medical Assistant

Associate Degrees

- Associate of Applied Science

Bachelor's Degrees

- Nutrition Sciences
- Exercise Physiology and Kinesiology

Master's, Doctoral, and Professional Degrees

- Exercise Science and Kinesiology
- Physical Therapy

Additional Stackable IBCs/License

- Physical Therapy Technician/Aide Certification



Example Aligned Occupations

Exercise Trainers and Group Fitness Instructors

Median Wage: \$38,847
Annual Openings: 6,767
10-Year Growth: 41%

Physical Therapist Assistants

Median Wage: \$75,957
Annual Openings: 1,603
10-Year Growth: 44%

Athletic Trainers

Median Wage: \$61,264
Annual Openings: 287
10-Year Growth: 13%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/hs-exercise-science-wellness-and-restoration-extended.pdf>



Human Services Career Cluster

The Human Services career cluster focuses on preparing individuals for employment in career pathways that relate to families and human needs, such as counseling and mental health services, family and community services, personal care services, and consumer services. This career cluster includes occupations ranging from community health workers to cosmetologists and nutritionists.

Regional Program of Study: Cosmetology and Personal Care Services

Approved in ESC Regions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, & 20

**The list of approved ESC regions is updated every school year. Be sure to check the CTE regional program of study website for updates.*

The Cosmetology and Personal Care Services regional program of study focuses on occupational and educational opportunities associated with providing beauty and personal care services. This program of study includes managing personal care facilities and coordinating or supervising personal service workers.



Secondary Courses for High School Credit

Level 1

- Level 2**
- Introduction to Cosmetology
 - Entrepreneurship I

- Level 3**
- Cosmetology I

- Level 4**
- Cosmetology II

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> • Work part-time in a salon, spa, or barbershop • Participate in an apprenticeship at a salon to become an apprentice stylist
Expanded Learning Opportunities	<ul style="list-style-type: none"> • Tour a salon, spa, or barbershop • Participate in SkillsUSA

Aligned Industry-Based Certifications

- Class A Barber
- Cosmetology Operator
- Esthetician
- Esthetician/Hair Weaving
- Esthetician/Manicurist
- Eyelash Extension Specialist
- Hair Weaving Specialist
- Manicurist



Example Postsecondary Opportunities

Apprenticeships

- Apprentice Stylist

Associate Degrees

- Cosmetology Operator
- Esthetics and Skin Care

Additional Stackable IBCs/License

- Class A Barber
- Eyelash Extension Specialist
- Hair Weaving Specialist



Example Aligned Occupations

Hairdressers, Hairstylists, and Cosmetologists

Median Wage: \$29,272
Annual Openings: 8,385
10-Year Growth: 25%

Skincare Specialists

Median Wage: \$35,572
Annual Openings: 1,233
10-Year Growth: 38%

First-Line Supervisors of Personal Service Workers

Median Wage: \$42,027
Annual Openings: 2,614
10-Year Growth: 29%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/hs-cosmetology-and-personal-care-services-extendedpptx.pdf>

Education and Training Career Cluster

The Education and Training career cluster focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster. This career cluster includes a diverse spectrum of occupations, ranging from teaching assistant, classroom teacher, to school administrator.

Statewide Program of Study: Teaching and Training

The Teaching and Training program of study focuses on occupational and educational opportunities associated with careers related to teaching, instructing, and creating instructional and enrichment materials. The program of study includes recognizing a variety of student groups and their corresponding needs, identifying processes for developing curriculum and coordinating educational content, and coaching groups and individuals.



Secondary Courses for High School Credit

Level 1	• Principles of Education and Training
Level 2	• Child Development
Level 3	• Tarleton Today Instructional Practices
Level 4	• Tarleton Today Practicum in Education and Training

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> • Serve as a camp counselor to learn mentoring, facilitation, and lesson planning skills • Volunteer in a tutoring center to learn lesson planning and skills assessment
Expanded Learning Opportunities	<ul style="list-style-type: none"> • Participate in FCCLA • Participate in TAFE • Participate in Future Coaches of Texas Association

Aligned Industry-Based Certifications

- Educational Aide I



Example Postsecondary Opportunities

Apprenticeships

- Teacher Apprentice

Associate Degrees

- Adult and Continuing Education and Teaching
- Educational/Instructional Technology

Bachelor's Degrees

- Elementary Education and Teaching
- Secondary Education and Teaching

Master's, Doctoral, and Professional Degrees

- Educational Leadership and Administration, General
- Curriculum and Instruction

Additional Stackable IBCs/License

- Generalist, Grades EC-4



Example Aligned Occupations

Teaching Assistants, Except Postsecondary

Median Wage: \$29,358

Annual Openings: 13,725

10-Year Growth: 15%

Secondary School Teachers, Except Special Education and CTE

Median Wage: \$64,009

Annual Openings: 8,338

10-Year Growth: 14%

Education Administrators, Kindergarten through Secondary

Median Wage: \$86,768

Annual Openings: 2,734

10-Year Growth: 14%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/et-teaching-and-training-extension/et-teaching-and-training-extension.pdf>



Law and Public Service Career Cluster

The Law and Public Service career cluster focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. This career cluster includes occupations ranging from all aspects of the military, police officer and firefighter to political scientist and lawyer.

Statewide Program of Study: Law Enforcement

The Law Enforcement program of study focuses on occupational and educational opportunities associated with the development and enforcement of laws by various branches of law enforcement. This program of study includes the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime.



Secondary Courses for High School Credit

Level 1	<ul style="list-style-type: none"> Principles of Law, Public Safety, Corrections, and Security
Level 2	<ul style="list-style-type: none"> Federal Law Enforcement and Protective Services
Level 3	<ul style="list-style-type: none"> Law Enforcement II Forensic Psychology Counseling and Mental Health
Level 4	<ul style="list-style-type: none"> Forensic Science Practicum in Law, Public Safety, Corrections, and Security

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> Shadow a detective to learn about investigations and the role of detectives in law enforcement Intern in dispatch at a local law enforcement agency to learn about first responder roles and processes
Expanded Learning Opportunities	<ul style="list-style-type: none"> Visit a police department Participate in TSA or SkillsUSA, or TPSA

Aligned Industry-Based Certifications

- Certified Protection Officer (CPO)
- County Jailer
- Forensic Technician
- IAED Emergency Telecommunicator
- Mental Health Technician Certification (MHTC)
- Non-Commissioned Security Officer Level II License
- Private Security - Commissioned Security Officer
- Telecommunicator License



Example Postsecondary Opportunities

Apprenticeships

- Security Specialist

Associate Degrees

- Criminal Justice
- Law Enforcement

Bachelor's Degrees

- Forensic Science
- Criminal Justice

Master's, Doctoral, and Professional Degrees

- Criminal Justice
- Criminology and Criminal Justice

Additional Stackable IBCs/Licensures

- Jailer – Basic County Corrections
- Basic Telecommunicator

Example Aligned Occupations

Police and Sheriff's Patrol Officers

Median Wage: \$74,014
Annual Openings: 5,461
10-Year Growth: 13%

Detectives and Criminal Investigators

Median Wage: \$89,394
Annual Openings: 1,555
10-Year Growth: 8%

First-Line Supervisors of Police and Detectives

Median Wage: \$105,836
Annual Openings: 526
10-Year Growth: 12%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/lps-law-enforcement-extended-npx.pdf>

Performance Acknowledgements

A student may earn a performance acknowledgment on the student's transcript for the following outstanding performances:

In Texas, a student can earn up to 5 performance acknowledgements

Type	Requirements
Outstanding performance in Dual Credit Courses	At least 12 hours of college academic courses with a grade of the equivalent of 3.0 or higher on a scale of 4.0 -OR- Associates Degree while in high school
Outstanding Performance in Bilingualism/Biliteracy	<ul style="list-style-type: none"> • Completing all English Language Arts requirements and maintaining a minimum grade point average of the equivalent of 80 on a scale of 100 • AND satisfying one of the following: <ul style="list-style-type: none"> ◦ three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or ◦ Completion of a Level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or ◦ Completion of at least three 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 through one of the following methods: <ul style="list-style-type: none"> ▪ 3 or higher on AP foreign language exam ▪ Intermediate High on a national assessment of language proficiency • AND for Emergent Bilingual students to have both of the following: <ul style="list-style-type: none"> ◦ participated and met the exit criteria for bilingual or ESL program ◦ score of Advanced High on the TELPAS
Outstanding Performance on College Board AP Exams	3 or higher on College Board AP Exam
Outstanding Performance on a College Preparation Assessment	Earning a score on the PSAT/NMSQT that qualifies a student for recognition as a commended scholar by the National Merit Scholarship Corp as part of the NRP of College Board; -OR- Achieving ACT readiness benchmark score on 3 of the 5 subject test on the ACT Aspire Exam -OR- SAT total score of 1350 -OR- ACT composite score (excluding writing) of 28 or higher
Earning a State recognized or nationally/internationally recognized Industry Based Certification	Performance on an exam or series of exams that lead to: <ul style="list-style-type: none"> • nationally or internationally recognized business or industry certification • -OR- government required credential to practice a profession

Types of Courses

KISD offers students the opportunity to take different types of courses. There are three types of courses offered at Krum High School. Within the type of course is course specific information. Types of courses include:

- Regular
- Advanced
- College Level

Choosing the type of course appropriate for you varies from student to student. Below outlines the differences in the types of courses offered to help when making course request.

Regular Courses

Regular program courses are offered in English language arts, mathematics, social studies, science, LOTE, fine arts, and electives. These courses are designed to prepare students for most colleges. Regular courses that are included in GPA are weighted on a 4.0 scale.

Advanced Courses

Advanced courses at Krum High School are offered in the following areas: English language arts, mathematics, science, and LOTE. These courses are designed to challenge students at a higher level, and prepare them to take college level courses.

Advanced courses include specific content and activities designed to prepare students for both STAAR and success in college-level courses. Depth of material requires students to read and write extensively in and out of class. These courses do not offer college credit, but prepare students for the challenge of college courses.

All high school students enrolled in an Advanced course will receive grades weighted on a 5.0 scale.

Who Should Take Advanced Classes?

Before enrolling in Advanced courses, students should consider:

1. Interest in intense exploration of the course material.
2. Strong personal commitment to accomplishing objectives and requirements of course.
3. Strong academic history as demonstrated by STAAR scores and grades above 85%.
4. Ability to dedicate appropriate time.
5. Willingness to stretch academically.
6. Willingness to work hard.

College Level Courses

College credit courses at Krum High School are offered in the following areas: English language arts, mathematics, social studies, science, LOTE, and electives. These courses will challenge students with college level materials and expectations. All college credit courses provide the opportunity for students to earn college credit. Students must exhibit the maturity and social behavior necessary to participate in a college-level course, as well as meet enrollment requirements for each course. College credit courses at KHS include the following types:

- Dual Credit - North Central Texas College
- Dual Enrollment - UT Austin OnRamps and Tarleton Today
- College Board Advanced Placement (AP)

All high school students enrolled in a college credit course that is included in GPA will receive grades weighted on a 6.0 scale.

Benefits:

- Convenient - courses taught here at the high school (dual enrollment) or online (dual credit)
- Affordable pathway to college degree
- Provides excellent opportunity to transition between high school and a 4-year university
- Core coursework can transfers to many universities

Considerations:

- Students must meet eligibility requirements for dual credit
- Tuition and/or fees are responsibility of the student/parent/guardian
- A student taking a college level course that has a state mandated EOC are still required to take the EOC
- AP exam placement and credit are granted by post secondary institutions in accordance with their own policies.
- **Important to know that not all colleges and universities accept credit earned through these methods. Students and parents should research prospective colleges/universities to determine which of these courses are best for the student and their future.**

College Level Courses

AP/Dual Credit/Dual Enrollment

Knowing the difference between Advanced Placement, Dual Credit, and Dual Enrollment courses will assist you in planning for both high school and college courses. The following chart compares the three different types of college level courses offered at KHS.

	Advanced Placement (AP)	Dual Credit (DC) NCTC	Dual Enrollment
Description	The AP Program allows students to take college-level courses and the related AP exam, to potentially earn college credit while still in high school.	Dual Credit allows students to simultaneously earn high school and college credit by successfully completing North Central Texas College (NCTC) courses.	Dual Enrollment allows students to earn high school and potentially earn college credit while still in high school.
College Credit	College credit is granted based on a student's AP examination score. Individual colleges and universities, not the College Board nor the AP program, grant course credit and placement.	College credit is awarded when the student passes the course.	Students receive college credit if they qualify for and pass the college portion of the course.
Teachers-Instructors	Courses are taught by high school teachers trained by The College Board	Taught by college instructors	Taught by high school teachers trained by UT Austin or Tarleton College portion of the course is taught by a college professor
College-University Acceptance	Accepted throughout the nation. Usually requires a score of 3 or higher on AP exam. See individual college/university for their policy.	Accepted at public colleges and universities in Texas, and many private institutions. Check with your individual college for academic requirements.	Guaranteed to be accepted at any public university in Texas. Accepted at most private universities. Check with your individual college for academic requirements.
Location	AP courses are taught on the KHS campus	Dual Credit courses are taught online	UT OnRamps and Tarleton Dual Enrollment courses are taught on the KHS Campus.

College Level Courses

AP/Dual Credit/Dual Enrollment

	Advanced Placement (AP)	Dual Credit (DC) NCTC	Dual Enrollment
Eligibility	Students are expected to have the skills and knowledge from prior Advanced courses, and be motivated to work outside the school day on college level material.	Students must qualify by taking the Texas Success Initiative (TSIA2) test, or by meeting TSI exemptions (ACT or SAT). KHS administers the test on campus in the Fall/Spring for potential dual credit students. Students are expected to be motivated to work outside the college classroom on college level material.	Open to students who show high achievement, who wish to experience a college-level course, and are motivated to work outside of the school day on college level material. Students who have previously taken an advanced academic course may also take these courses.
Cost	AP courses are free. There is a fee for the corresponding AP exams. This fee is reduced for students who qualify for the free/reduced meal program. The Krum Education Foundation has student enrichment grants available for students to apply for testing fees.	Tuition is paid to NCTC per credit hour. Scholarships are available through NCTC. Students who qualify for the free/reduced meal program can receive a tuition waiver. In addition, Krum Education Foundation has student enrichment grants available for students to apply for course fees and textbooks.	The predicted cost of a dual enrollment course is \$149. There is no additional costs for books or materials. This cost will be due in the spring, and more information will also be available at the beginning of the school year.
Textbooks	Provided by the school	Textbook purchase required	Provided by the school
Impact on high school GPA	Core classes 6.0	Core classes 6.0	Core classes 6.0

Dual Credit-NCTC

Krum ISD works with North Central Texas College (NCTC) to provide students with a variety of course offerings. In order to enroll in dual credit courses, students must meet the requirements set by KISD and NCTC.

- The student is expected to abide by the rules and regulations of both institutions.
- Students must show college readiness through a TISA2, SAT, or ACT score.
- The course will be counted as part of the student's daily schedule. The grade earned will be designated on the high school and NCTC transcript. While this course will earn university credit and will be recorded on formal transcripts, the transferability of this course to another university rests solely with the accepting institution. Visit <https://tccns.org/> for more information or reach out to your prospective school.
- The student is responsible for the payment of all tuition, books, and fees.
- Students must earn a C or higher to pass and to continue to take dual credit courses the next semester.
- Students can only take dual credit courses when they would be typically eligible to take the high school version of the same course.

Krum ISD and NCTC have an MOU in place that allows flexibility with course options if a student finds a course that meets their post-secondary educational needs. If a dual credit course through NCTC is not listed in the course offerings outlined on the next page, please see your counselor for approval.

NCTC Dual Credit Process:

(KHS counselors will guide students through this process)

- Show College Readiness through TSIA2, SAT, or ACT score
- Submit online application
- Optional: Apply for Dual Credit Scholarship through NCTC
- Submit KHS transcript-must have 2.0 GPA or higher
- Complete NCTC Dual Credit Agreement Form-given by KHS counselors
- Once registered, students will need to make payment or create a payment plan
 - Students who qualify for Free/Reduced lunch (FAST students), tuition is waived. Verification is required.

Dual Credit Offerings

PEIMS Code	KHS Dual Credit Course HS Credit	College Course Title	College Hours	TSI Requirement and/or Prerequisite
03220300	Dual Credit English III (1st sem) 0.5 credit	English Composition I (ENGL 1301)	3 hours	TSI Reading/Writing / English II
03220300	Dual Credit English III (2nd sem) 0.5 credit	English Composition II (ENGL 1302)	3 hours	TSI Reading/Writing / ENGL 1301
03220400	Dual Credit English IV (1st sem) 0.5 credit	English Composition I (ENGL 1301)	3 hours	TSI Reading/Writing / English III
03220400	Dual Credit English IV (2nd sem) 0.5 credit	English Composition II (ENGL 1302)	3 hours	TSI Reading/Writing / ENGL 1301
03220400	Dual Credit English IV (1st sem) 0.5 credit	World Literature I (ENGL 2332) British Literature (ENGL 2322)	3 hours	ENGL 1301/1302
03220400	Dual Credit English IV (2nd sem) 0.5 credit	World Literature II (ENGL 2333) British Literature II (ENGL 2323)	3 hours	ENGL 1301/1302
03102500	Independent Study in Math (1st sem) 0.5 credit	Math Business Analysis (MATH 1324)	3 hours	TSI Math/Algebra II
03102500	Independent Study in Math (2nd sem) 0.5 credit	Elementary Statistics (MATH 1342)	3 hours	TSI Math/Algebra II
03340100	US History (1st sem) 0.5 credit	US History to 1865 (HIST 1301)	3 hours	TSI Reading
03340100	US History (2nd sem) 0.5 credit	US History from 1865 (HIST 1302)	3 hours	TSI Reading
03330100	Government 0.5 credit	Federal Government (GOVT 2305)	3 hours	TSI Reading
03380001	Social Studies Advanced Studies 0.5 credit	Texas Government (GOVT 2306)	3 hours	TSI Reading
03310300	Economics 0.5 credit	Principles in Economics, Macro (ECON 2301)	3 hours	TSI Reading
03350100 03370100	Psychology 0.5 credit Sociology 0.5 credit	Introduction to General Psychology (PSYC 2301) Introduction to Sociology (SOCI 1301)	3 hours 3 hours	TSI Reading TSI Reading
03240900	Public Speaking 0.5 credit	Public Speaking (SPCH 1315)	3 hours	TSI Reading
03500100	Art I, Art Appreciation 0.5 credit	Arts 1301	3 hours	TSI Reading
03380021	Social Studies Advanced 0.5 credit	World Civilization (HIST 2322)	3 hours	TSI Reading
03221100	Research/Technical Writing 0.5 credit	Technical & Business Writing (ENGL 2311)	3 hours	TSI Reading/Writing

Dual Enrollment-OnRamps & Tarleton Today

Dual Enrollment courses allow students to earn high school and university credit. Krum ISD partners with The University of Texas at Austin and Tarleton State University to provide students the opportunity to experience college courses while concurrently enrolled in the high school course facilitated by a high school teacher who is trained and certified by OnRamps or Tarleton to teach the course on their local campus.

How it Works

- Students are enrolled in a year long high school course facilitated by Krum High School teacher who is trained and certified by
- Students who successfully complete the high school course will receive credit from KHS. Students who successfully complete the college course will receive college credit hours from UT Austin or Tarleton.

Earning Credit

Students in dual enrollment courses can choose to take the class for a letter grade or pass/fail, if available. The pass/fail option must be selected during the Credit Selection Period at the start of the semester.

- If a student opts for a letter grade, it will appear on their UT Austin or Tarleton transcript. A grade of D- or better is considered passing.
- If they choose pass/fail, only "CR" (for credit) or "F" (for fail) will appear.

Transferability of credit varies by institution, so students should check with the schools they plan to attend for specific policies.

Cost

The cost of a dual enrollment course is \$149. There is no additional costs for books or materials.

Key Benefits

- Dual-enrollment courses, designed by UT Austin and Tarleton faculty, allow high school students to earn three or more hours of college credit.
- High school teachers deliver these courses, receiving extensive training and ongoing support from the university.

Dual Enrollment Offerings

Subject:	Class:	College Hours:	On Ramps Partner:
Math	OnRamps College Algebra	3 hours for school year	UT Austin
Science	OnRamps Chemistry OnRamps Biology	4 hours for school year (3 for lecture and 1 for lab)	UT Austin
Social Studies	OnRamps U.S. History	6 hours for school year	UT Austin
CTE Electives	Tarleton Today Horticulture Science Tarleton Today Education 1301 Tarleton Today Education 2301/2330	3 hours for school year	Tarleton

Advanced Placement (AP)

Advanced Placement (AP) Courses are offered in English, mathematics, social studies, foreign language and other selected areas. With AP, students are able to experience the rigors of college-level studies while still having the support of the high school environment. With qualifying AP exam scores, students may earn credit from a large majority of colleges and universities. It is the student's responsibility to contact specific universities for their individual policies and score requirements for credit. The following website allows students to check credit transferability:

<https://apstudent.collegeboard.org/creditandplacement/search-credit-policies> .

NOTE: Students enrolled in an AP course are highly expected to take the Advanced Placement exam in May of the school year in which the student is enrolled. AP College Board total estimated cost is \$90 per exam.

AP Offerings

Subject:	Class:
English	AP English Language AP English Literature
Math	AP Calculus AB AP Calculus BC
Social Studies	AP Human Geography AP World History
Foreign Language	AP Spanish Language & Culture

GPA Grade Point Average

The District shall include in the calculation of GPA eligible semester grades earned in high school credit courses that satisfy state graduation requirements, taken at any grade level, unless excluded below, but only:

*To the maximum numbers of semester grades specified in the following and;

*In the subject areas specified below:

- Four courses in English (8 semesters)
- Four courses in Mathematics (8 semesters)
- Four courses in Science (8 semesters)
- Four courses in Social Studies (8 semesters)
- Two courses in Languages other than English (4 semesters)

If a student has earned more eligible semester grades than the maximum specified for a subject area, the District shall include for that subject area the eligible semester grades that will yield the highest grade point value, up to the specified maximum.

The calculation shall include failing grades and any course where credit is lost due to attendance will receive 0 GPA points.

What is NOT included in GPA?

The calculation of GPA exclude grades earned in:

- Any dual credit course not offered by Krum High School
- Any summer school course taken at the high school or by dual credit
- Any local credit course
- Any credit recovery course taken during the school year or in the summer
- Any course for which credit is earned by examination, with or without prior instruction
- Any course taken or transfer grade of Pass/Fail
- Any course for physical education/athletics, Fine Arts, CTE, or electives

GPA

Grade Point Average

Numerical Grade	Regular Courses	Advanced Courses	College Level Courses
100	4.0	5.0	6.0
99	3.9	4.9	5.9
98	3.8	4.8	5.8
97	3.7	4.7	5.7
96	3.6	4.6	5.6
95	3.5	4.5	5.5
94	3.4	4.4	5.4
93	3.3	4.3	5.3
92	3.2	4.2	5.2
91	3.1	4.1	5.1
90	3.0	4.0	5.0
89	2.9	3.9	4.9
88	2.8	3.8	4.8
87	2.7	3.7	4.7
86	2.6	3.6	4.6
85	2.5	3.5	4.5
84	2.4	3.4	4.4
83	2.3	3.3	4.3
82	2.2	3.2	4.2
81	2.1	3.1	4.1
80	2.0	3.0	4.0
79	1.9	2.9	3.9
78	1.8	2.8	3.8
77	1.7	2.7	3.7
76	1.6	2.6	3.6
75	1.5	2.5	3.5
74	1.4	2.4	3.4
73	1.3	2.3	3.3
72	1.2	2.2	3.2
71	1.1	2.1	3.1
70	1.0	2.0	3.0
69 and below	No Grade Points Awarded	No Grade Points Awarded	No Grade Points Awarded

GPA Calculation-Example

Calculate your GPA by adding together your grade points earned, dividing by number of classes taken (max 36). Make sure you are not using any classes that do not count in GPA. For example, any class taken as credit recovery, fine arts, PE/athletics, CTE/electives, or local credits.

English- Grades from top 8 Semesters

Course	Semester	Grade	Grade Points
English I	Fall	89	2.9
English I	Spring	92	3.2
Adv. English II	Fall	95	4.5
Adv. English II	Spring	87	3.7
DC Eng. 1301	Fall	85	4.5
DC Eng. 1302	Spring	88	4.8
AP Eng. Lit	Fall	90	5.0
Ap Eng. Lit	Spring	92	5.2

Student took 10 Semesters of Science- Only need 8 semesters

Chemistry grade points lower than Forensic grade points

Science-Grades from top 8 semesters

Course	Semester	Grade	Grade Points
Adv. Biology	Fall	96	4.6
Adv. Biology	Spring	95	4.5
Adv. Physics	Fall	83	3.3
Adv. Physics	Spring	90	4.0
OR Biology	Fall	94	5.5
OR Biology	Spring	90	5.0
Forensics	Fall	100	4.0
Forensics	Spring	95	3.5

Math- Grades from top 8 Semesters

Course	Semester	Grade	Grade Points
Algebra I	Fall	77	1.7
Algebra I	Spring	70	1.0
Geometry	Fall	68	0
Geometry	Spring	75	1.5
Algebra II	Fall	80	2.0
Algebra II	Spring	88	2.8
Stats Business	Fall	95	3.5
Stats Business	Spring	100	4.0

Geometry Fall still counts in the number of classes taken even though they failed

Do not count the credit recovery grade for geometry

Social Studies- Grades from top 8 Semesters

Course	Semester	Grade	Grade Points
World Geo	Fall	95	3.5
World Geo	Spring	100	4.0
AP W. Hist	Fall	91	5.1
AP W. Hist	Spring	89	4.9
OR US Hist	Fall	89	4.9
OR US Hist	Spring	84	4.4
Govt	Fall	93	3.3
DC Econ	Spring	80	4.0

LOTE- Grades from top 4 Semesters

Course	Semester	Grade	Grade Points
Spanish I	Spring	100	4.0
Adv. Spanish II	Fall	95	4.5
AP Spanish IV	Fall	90	5.0
AP Spanish IV	Spring	93	5.3

Spanish I Spring and Adv. Spanish II Fall had higher grade points than other semesters

Total Grade Points Earned	Divide by number of classes	Equals Current GPA
137.6	36	3.822

GPA Calculation-Blank

Calculate your GPA by adding together your grade points earned, dividing by number of classes taken (max 36). Make sure you are not using any classes that do not count in GPA. For example, any class taken as credit recovery, fine arts, PE/athletics, CTE/electives, or local credits.

English- Grades from top 8 Semesters

Course	Semester	Grade	Grade Points

Science-Grades from top 8 semesters

Course	Semester	Grade	Grade Points

Math- Grades from top 8 Semesters

Course	Semester	Grade	Grade Points

Social Studies- Grades from top 8 Semesters

Course	Semester	Grade	Grade Points

LOTE- Grades from top 4 Semesters

Course	Semester	Grade	Grade Points

Total Grade Points Earned	Divide by number of classes	Equals Current GPA

GPA & Ranking

Updated GPAs will be made available to students within six weeks of the end of each semester of high school. Class rank will be made available within six weeks of the end of a student's second year of high school and at the end of each semester thereafter.

Estimated class rankings are determined at the end of the junior year and the first semester of the senior year for the express purpose of college entrance requirements. Another ranking is performed following grade verification at the 3rd nine weeks to identify:

- Valedictorian (highest GPA)
- Salutatorian (second-highest GPA)
- Summa cum laude (4.0+)
- Magna cum laude (3.8 to 3.99)
- Cum laude (3.5 to 3.79) graduates

***Note: Dual Credit grades are received at the end of each semester. Thus, grades earned in any dual credit or self-paced class in which a student is enrolled during his/her final semester are not included in the final calculation.*

Highest Ranking Graduates

The valedictorian and salutatorian shall be the eligible students with the highest and second-highest rank, respectively. To be eligible for such recognition:

- A student must have been continuously enrolled on a full-time basis in the District high school for the four semesters preceding graduation
- Must have completed the Foundation with an Endorsement graduation program with a Distinguished Level of Achievement for graduation
- Must be graduating in exactly eight semesters.

The "Highest Ranking Graduate" program is a State of Texas program that provides a tuition waiver for the freshman year of college to the student graduating at the top of his/her high school class. This tuition waiver is only valid for Texas public colleges and universities.

GPA "Ties"

In the case of a GPA "tie", the student's weighted GPA will be calculated by hand to compare the fifth decimal point or beyond to break the tie.

Ties will be broken at the end of student's junior year for college admission purposes. Ties will also be broken in a student's senior year to determine top 10% or the valedictorian and/or salutatorian.

Automatic Admissions

In accordance with Texas Education Code (TEC), §51.803, a student is eligible for automatic admission to a college or university as an undergraduate student if the applicant earned a grade point average in the top 10 percent of the student's high school graduating class or in the percentage of qualified applicants that are anticipated to be offered admission to the University of Texas at Austin*, and the applicant:

- (1) successfully completed the requirements for the Recommended High School Program (RHSP) or the Distinguished Achievement Program(DAP);
- (2) earned the distinguished level of achievement under the Foundation High School Program; or
- (3) satisfied ACT's College Readiness Benchmarks on the ACT assessment or earned on the SAT assessment a score of at least 1,500 out of 2,400 or the equivalent.

High school rank for students seeking automatic admission to a general academic teaching institution is determined and reported as follows.

- (1) Class rank shall be based on the end of the 11th grade, middle of the 12th grade, or at high school graduation, whichever is most recent at the application deadline.
- (2) The top 10 percent of a high school class shall not contain more than 10 percent of the total class size.
- (3) The student's rank shall be reported by the applicant's high school or school district as a specific number out of a specific number total class size.
- (4) Class rank shall be determined by the school or school district from which the student graduated or is expected to graduate. (TAC §5.5(e))

A student is considered to have satisfied the course requirements if the student completed the portion of the RHSP, DAP, or the distinguished level of achievement under the Foundation High School Program that was available to the student but was unable to complete the remainder of the coursework because courses were unavailable as a result of circumstances not within the student's control.

To qualify for automatic admission an applicant must:

- (1) submit an application before the deadline established by the college or university to which the student seeks admission; and
- (2) provide a high school transcript or diploma that indicates whether the student has satisfied or is on schedule to satisfy the requirements of the RHSP, DAP, or the distinguished level of achievement under the Foundation High School Program or the portion of the requirements that was available to the student.

Colleges and universities are required to admit an applicant for admission as an undergraduate student if the applicant is the child of a public servant who was killed or sustained a fatal injury in the line of duty and meets the minimum requirements, if any, established by the governing board of the college or university for high school or prior college level grade point average and performance on standardized tests.

* The University of Texas at Austin (UT) is not required to automatically admit applicants in excess of 75% of its enrollment capacity for first-time resident undergraduate students. Should the number of applicants who qualify for automatic admission exceed 75% of enrollment capacity, UT shall provide notice of the percentage of qualified applicants that are anticipated to be offered admission.

Awarding Credits

Mastery of at least 70 percent of the objectives on formative and summative assessments shall be required. Grade level placement for students shall be earned by course credits.

- If a student earns a grade of a 70 or above in a one-semester course, full credit will be awarded.
- If a student earns a 70 or above both semesters of a full- year course, full credit will be awarded.
- If a student earns a failing grade during the fall or spring semester in a full year course, and the final average is greater than or equal to 70, full credit will be awarded.
- Credit will be awarded for a failed semester when it is repeated and the student earns grade of 70 or above.

The District shall make the following conversion for letter grades received from dual credit courses or any other transferred grades:

Conversion Scale:

- A=95
- B=85
- C=75
- D=70
- F=69

High School Classification

All high school students are classified as members of a particular class as of the first day of each school year. This classification shall remain in effect for the entire school year. This policy does not apply to UIL eligibility.

Students are classified according to the number of credits they have earned.

CLASSIFICATION CREDIT REQUIREMENTS:

Classification:	Credits:
Freshman	0-6.5 Credits
Sophomore	7 Credits
Junior	14 Credits
Senior	19 Credits

Attendance

Students must be in attendance a minimum of 90 percent of the days in a semester for each course to earn credit in a course. Please refer to the Student Handbook and policy online for more details.

Course Load

All students are required to enroll in eight classes. Seniors on track to graduate and meet program guidelines may be eligible to be off one or two periods per school day.

To be eligible for for off periods, students must have the following:

- Be classified a senior that has earned at least 20 credits
- Have parent permission
- Comply with attendance policies and expectations
- Maintain passing grades
- Have not lost credit due to attendance in the previous semester.
- Be CCMR compliant

Exams for Acceleration

These tests are used to award credit for courses not previously attempted. All students shall be eligible to take exams for acceleration. Students must score at least 80% to receive credit. (refer to EHDC legal policy)

Correspondence Courses

All students are eligible to take correspondence courses and earn credit toward graduation. Prior to enrollment in correspondence courses, students must meet with their counselor to review graduation requirements and gain approval. Credit toward state graduation requirements may be granted for correspondence courses only from approved accredited institutions/agencies.

Texas Virtual Schools Network (TVXN)

Students may have the option of completing courses via the Texas Virtual Schools Network. Prior to enrolling, students must be advised by their counselor who will determine eligibility and review procedures and potential costs with students and parents.

Bell Schedule

Krum High School offers eight period days and is on a 9-week grading period. The school year is divided into two semesters.

Schedule Changes

Selecting courses for the upcoming school year is one of the most important decisions. Students select courses for the next school year using their Course Selection Card given to them at scheduled class meetings in the spring semester. Careful planning and discussions with parents/guardians is an important part of the scheduling process. Students and parents/guardians are encouraged to review academic progress with graduation requirements outlined in this planning guide. We hope you make course selections for the next school year carefully. Students who register for a course are committed to that course. Class creation and teacher assignments are based on student course requests. Students may change their 2026-2027 course request for any reason until the last day of the 2025-2026 school year, as long as the student is still requesting courses that meet graduation requirements. After the last day of school consideration for schedule change requests should meet the following criteria:

- A change is needed to balance a class size.
- Seniors not enrolled in a course REQUIRED for graduation.
- Students scheduled in a course for which they already have credit (Ex: Summer School Credit)
- Student is enrolled in a course for which the student does not have the prerequisite.
- Students with incomplete schedules.
- Student has failed a course and needs to repeat the course.
- Student is removed from athletic/ fine arts program.

For a semester or a year-long course, a student may not withdraw after the 8th day of the course. However, to meet individual student needs, the principal may use his or her discretion to approve a course change.

A student who withdraws from a course will have the grade in that course applied to the new course. It is highly recommended that the replacement course be in the same discipline. A student who changes courses assumes responsibility for the full content of the new course on the final exam.

Students who enroll in an Advanced or College Level course commit to completing the course. Due to the rigorous nature, students should remain in the chosen course the first four weeks of school in order to acclimate to the expectations and provide adequate time for both the teacher and students to gauge the appropriateness of the course selection.

To initiate a change out of an Advanced or College Level class, the student will be expected to attend tutorials at least 2x per week for at least 2 weeks. If there is still an educational concern after attending tutorials a phone or in person conference must occur between the student, parent/guardian, and teacher to determine educational need. Should educational need not be determined the student will be required to complete the course selected. If the course is changed, the student's grade (without weighting) will transfer to the new class.

Scheduling Questions

Should Students Take All Advanced and/or College Level Classes?

Students are encouraged to challenge themselves but also to find a balance among advanced and college level courses, extracurricular activities, and outside activities. Students should select courses in their area(s) of strength. The decision about the number of classes should be an individual decision based on the schedule, out of school commitments, and interest of each student.

Advanced or College Level Recommendations	
Option 1: Student must earn at least a 75 in the previous same subject at the Advanced or AP level or at least an 85 in the previous same subject in a regular class.	
Option 2: Student must receive Level III-Masters on STAAR exams (see chart below)	
Level III- Masters STAAR Reading, English 1 or English II	to be eligible for Advanced English and/or social studies
Level III- Masters STAAR Math or Algebra 1	to be eligible for Advanced math and/ or science
ADDITIONAL REQUIREMENTS:	
All students requesting Advanced, AP, Dual Enrollment, and/or Dual Credit Courses courses must have parent permission	
AP, Dual Enrollment, and Dual Credit require additional fees for exams or course Dual Credit courses require college readiness score (TSI, ACT, or SAT)	

Should my student choose extra (alternate) courses?

Yes! Just in case a class does not make or have enough student interest, each student should have 2-3 alternate courses on their course request card for the upcoming year. An alternate course can only be selected if there is already a course in that subject area.

How many sports can my student play?

Students may only choose ONE sport in which to enroll. This does NOT mean they can only play one sport. Students will be enrolled in the sport that meets first in the school year. Coaches then request for roster changes at the beginning of each sport season. *Students must have a physical in order to compete.*

My student is in Band, does that count for a PE credit?

Students enrolling in band their first two years will receive 0.5 credit towards the one credit of physical education requirement for graduation in the fall each semester. Only one credit of marching band may be awarded.

What Activities require tryouts?

Any sport, Band, Color Guard, Dance and Cheerleading all require tryouts.

College, Career, Military Readiness- CCMR

CCMR is a component of the Student Achievement domain established by House Bill 3 measuring graduates' preparedness for college, career, or military after graduating high school. A student can earn the designation of CCMR (College, Career, or Military Ready) by completing one of the following measures. A student does not need to complete more than one measure to earn this designation.

College Ready:

Option 1: Make a 3 or higher on any AP exam

Option 2: Earn 3 Dual Credit hours in English or Math

Option 3: Earn 9 Dual Credit hours in any subject area

If none of the above, you must qualify as College Ready in Math AND English. You have several options which are able to be earned through a combination of the following:

Option 1: SAT

English: Score 480 or higher (EBRW)

Math: Score 530 or higher

Option 2: ACT

English: Score of 40 or higher (English + Reading combined)

Math: Score 22 or higher

Option 3: TSIA2

English: CRC 945-950 (reading & writing) with 5-8 on Essay

Math: CRC 950-990

Option 4: OnRamps Dual Enrollment

3 hours of college credit awarded by UT Austin

If college credit is denied by student, CCMR point will not be awarded

Career Ready:

Earn an approved Industry-Based Certification and attain completer status in a CTE pathway.

Military Ready:

Enlist in the Armed Forces: U.S. Army, Navy, Air Force, Coast Guard, or Marines. Must provide a letter on branch letterhead stating that the student has enlisted.

Please consider these options as you choose your courses and plan for each year. If you have questions, your Academic Counselor is a great resource.

English I (E100)

Prerequisite: None

Service ID 03220100

Credit: 1

Grade Level: 9-12

GPA: Regular

Students in English I generate compositions for a variety of purposes and in a variety of modes as well as read and analyze selected texts from many genres of literature. Based on a curriculum that integrates writing and reading concepts and skills, this course empowers students to use the recursive writing process (prewriting, drafting, revising, editing, and presenting) as they write to learn about themselves, and their world. Students in English I read extensively, write responsively, listen critically, speak articulately, work cooperatively, think independently, and build their enjoyment of reading.

English I Advanced (E101)

Prerequisite: Preferred Adv. 8th grade ELAR or Meets/Masters on 8th grade STAAR

Service ID 03220100

Credit: 1

Grade Level: 9-12

GPA: Advanced

Advanced English I is an advanced course of study designed to prepare students for the demands of the upper-level Advanced Placement (AP) Language and Literature courses. Based on a curriculum that integrates both writing and reading concepts and skills, this course empowers students to use the recursive writing process as they write for a variety of purposes and in a variety of modes. Emphasis is placed on academic composition, literary analysis of fiction and nonfiction, and argumentation rather than creative endeavors. This program, designed for the highly motivated student, emphasizes a wider range and greater depth of subject matter than English I. Essential skills for success include organization, time management, and disciplined study.

English II (E200)

Prerequisite: English I

Service ID 03220200

Credit: 1

Grade Level: 10-12

GPA: Regular

Students in English II generate compositions for a variety of purposes and in a variety of modes as well as read and analyze selected texts from all genres. Based on a curriculum that integrates writing and reading concepts and skills, this course empowers students to use the recursive writing process (prewriting, drafting, revising, editing, and presenting) as they write to learn about themselves, their world, and their print-rich environment. Students in English II are expected to read extensively, write responsively, listen critically, speak articulately, work cooperatively, and think independently.

English II Advanced (E201)

Prerequisite: Preferred Adv. English I or Meets/Masters on English I STAAR

Service ID 03220200

Credit: 1

Grade Level: 10-12

GPA: Advanced

Advanced English II is an advanced course of study designed to prepare students for the demands of the upper-level Advanced Placement (AP) Language and Literature courses. Emphasis is placed on critical reading and writing, in response to texts from all genres. Students will write for various purposes and in various modes; however, emphasis is placed on academic composition - literary style analysis of fiction and nonfiction and argumentation rather than creative endeavors. Students should be prepared for extensive independent reading outside of class. English II Advanced students will also study the grammar of standard English with an emphasis on sentence structure and its role in improved writing skills. This program, designed for the highly motivated student, encompasses a wider range of material and goes into greater depth than English II

English III (E300)

Prerequisite: English II

Service ID 03220300

Credit: 1

Grade Level: 11-12

GPA: Regular

English III coursework includes an integrated study of composition and rhetoric, with a particular focus on college-level reading and analysis across genres. This course is traditionally based on a foundation of American Literature, however, beyond that, real-world connections will be made across genres and time periods as students are exposed to a variety of texts. Students will also encounter frequent opportunities to engage with a variety of self-selected texts that build their critical thinking skills and personal enjoyment of reading. With a focus on college and career readiness, this course will explore multiple modes of writing for various audiences and purposes. In addition, students will improve their communication skills by continuing their study of contextual vocabulary, grammar, and effective composition.

English III AP (E500)

AP Language and Composition

Prerequisite: Preferred Adv. English II or Meets/Masters on English II STAAR

Service ID A3220100

Credit: 1

Grade Level: 11-12

GPA: College Level

AP College Board Approved Course --- College level course. AP English Language and Composition course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations.

English IV (E400)

Prerequisite: English III

Service ID 03220400

Credit: 1

Grade Level: 12

GPA: Regular

English IV is a chronological study of the development of British literature through various genres including non-fiction, poetry, short stories, and excerpts from various dramas and novels. The purpose of this course is to provide students opportunities to study the author's craft using texts of appropriate complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. In addition, students will continue to develop and use vocabulary and grammar skills. English IV students are expected to produce coherent and well-organized writing using the writing process. Multiple choice, open-response, and essay assessments will measure students' progress throughout their study of the content.

English IV AP (E501)

AP Literature and Composition

Prerequisite: AP Language and Composition

Service ID A3220200

Credit: 1

Grade Level: 11-12

GPA: College Level

AP College Board Approved Course --- College level course. Advanced Placement English is a program of college sophomore level and intensity directed by the College Board that allows high school students to receive advanced placement and/or credit in college. At the senior level, the AP course in English Literature and Composition focuses on a careful reading of works of recognized literary merit. Through such study, students sharpen their awareness of language and their understanding of the writer's craft. The course is designed to prepare students for the Advanced Placement exam in Literature and Composition. They develop critical standards for the independent appreciation of any literary work and they increase their sensitivity to literature as a shared experience. To achieve these goals, students study the individual work, its language, characters, action, and themes. They consider its structure, meaning, and value, and its relationship to contemporary experiences as well as the time in which it was written. Students opting to take this college-level course should be prepared to make the time commitment necessary for success.

Dual Credit English

Dual Credit English (ENGL 1301) (E603/E601)

Prerequisite: Must meet TSIA requirements, Advanced English II or English II and a strong work ethic.

Service ID 03220300, 03220400 Credit: 0.5 Grade Level: 11-12 GPA: College Level

Dual Credit with North Central Texas College. Principles and techniques of expository and persuasive writing; critical thinking and, textual analysis; essays and research methods. Students who pass the course will receive 3 college hours of credit, and ½ credit of English III or English IV at KHS (based on students grade level).

Dual Credit English (ENGL 1302) (E604/E602)

Prerequisite: Must meet TSIA requirements, ENGL 1301

Service ID 03220300, 03220400 Credit: 0.5 Grade Level: 11-12 GPA: College Level

Dual Credit with North Central Texas College. Continuation of ENGL 1301. Advanced techniques of expository and persuasive writing; critical thinking and textual analysis; essays and research methods. Students who pass the course will receive 3 college hours of credit, and ½ credit of English III or English IV at KHS (based on students grade level).

Dual Credit English (ENGL 2322) (E605)

Prerequisite: Must meet TSIA requirements and ENGL 1301/1302

Service ID 03220400 Credit: 0.5 Grade Level: 12 GPA: College Level

Dual Credit with North Central Texas College. British Literature I (ENGL 2322) A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Students who pass the course will receive 3 college hours of credit, and ½ credit of English IV at KHS.

Dual Credit English (ENGL 2323) (E606)

Prerequisite: Must meet TSIA requirements and ENGL2322

Service ID 03220400 Credit: 0.5 Grade Level: 12 GPA: College Level

Dual Credit with North Central Texas College. A survey of the development British literature from the Romantic period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Students who pass the course will receive 3 college hours of credit, and ½ credit of English IV at KHS.

Mathematics

Algebra I (M100)

Prerequisite: None

Service ID 03100500

Credit: 1

Grade Level: 9-12

GPA: Regular

Students learn to compute positive and negative numbers, solve equations, percents, proportions, graphing, and write equations. TI-83 TI-83/TI-84 graphing calculators will be available for students to use in class, but individual purchase of one is strongly recommended.

Geometry (M200)

Prerequisite: Algebra I

Service ID 03100700

Credit: 1

Grade Level: 9-12

GPA: Regular

Designed to strengthen students' reasoning ability through techniques learned in developing deductive and inductive proof. Study various geometric figures, including angles, quadrilaterals, triangles, and circles. Students learn perimeter, circumference, area, and volume. TI-83/TI-84 graphing calculators will be available for students to use in class, but individual purchase of one is strongly recommended.

Geometry Advanced (M203)

Prerequisite: Algebra I and recommended Meets/Masters on Algebra I STAAR

Service ID 03100700

Credit: 1

Grade Level: 9-12

GPA: Advanced

Students learn to reason deductively through proofs. Advanced study of various geometric figures, including angles, quadrilaterals, triangles, and circles. Students learn perimeter, circumference, area, and volume. TI-83/TI-84 graphing calculators will be available for students to use in class, but individual purchase of one is strongly recommended.

Algebra II (M300)

Prerequisite: Algebra I and Geometry

Service ID 03100600

Credit: 1

Grade Level: 10-12

GPA: Regular

This course extends the concepts learned in Algebra I to the complex number system. Emphasis is on the study of functions, graphing, factoring, and equation solving within the field of complex numbers. Use of calculators as aids and tools. TI-83/TI-84 graphing calculators will be available for students to use in class, but individual purchase of one is strongly recommended.

Algebra II Advanced (M301)

Prerequisite: Algebra I and Geometry

Service ID 03100600

Credit: 1

Grade Level: 10-12

GPA: Advanced

Advanced study of concepts learned in Algebra I to the complex number system. Emphasis is on the study of functions, graphing, factoring and equation solving within the field of complex numbers. Use of calculators as aids and tools. TI-83/TI-84 graphing calculators will be available for students to use in class, but individual purchase of one is strongly recommended.

Statistics and Business Decision Making (CT109)

Prerequisite: Algebra I and Geometry

Service ID 13016900

Credit: 1

Grade Level: 11-12

GPA: Regular GPA only included when used in 8 semesters of Math

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision-making. Students will use statistics to make business decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

Pre-Calculus (M400)

Prerequisite: Algebra II

Service ID 03101100

Credit: 1

Grade Level: 11-12

GPA: Regular

Advanced study of concepts learned in Algebra I and II, emphasizing the study of functions and relations, trigonometry, and advanced algebraic techniques. This course prepares the student for success in Physics, Calculus, and College Algebra. TI-83/TI-84 graphing calculators will be available for students to use in class, but individual purchase of one is strongly recommended.

Pre-Calculus Advanced (M402)

Prerequisite: Algebra II

Service ID 03101100

Credit: 1

Grade Level: 11-12

GPA: Advanced

Advanced study of concepts learned in Algebra I and II, emphasizing the study of functions and relations, trigonometry, and advanced algebraic techniques. This course prepares the student for success in Physics, Calculus, and College Algebra. TI-83/TI-84 graphing calculators will be available for students to use in class, but individual purchase of one is strongly recommended.

AP Calculus AB (M500)

Prerequisite: Advanced Pre-Calculus or Pre-Calculus

Service ID A3100101

Credit: 1

Grade Level: 11-12

GPA: College Level

College Board Approved Course --- College level course. Building enduring mathematical understanding requires understanding the why and how of mathematics in addition to mastering the necessary procedures and skills. To foster this deeper level of learning, AP Calculus AB is designed to develop mathematical knowledge conceptually, guiding you to connect topics and representations throughout the course and to apply strategies and techniques to accurately solve diverse types of problems. Students will be expected to take the AP exam in May. TI-83/TI-84 graphing calculators will be available for students to use in class, but individual purchase of one is strongly recommended. Summer Assignments may be required.

AP Calculus BC (M502)

Prerequisite: AP Calculus AB

Service ID A3100102

Credit: 1

Grade Level: 12

GPA: College Level

College Board Approved Course --- College level course. Building enduring mathematical understanding requires understanding the why and how of mathematics in addition to mastering the necessary procedures and skills. To foster this deeper level of learning, AP Calculus BC is designed to develop mathematical knowledge conceptually, guiding you to connect topics and representations throughout the course and to apply strategies and techniques to accurately solve diverse types of problems. Calculus BC includes all topics covered in Calculus AB plus additional topics and is designed to qualify you for placement and credit in a course that is one course beyond what's granted for Calculus AB. Students will be expected to take the AP exam in May. TI-83/TI 84 graphing calculators will be available for students to use in class, but individual purchase of one is strongly recommended. Summer Assignments may be required.

Dual Credit/OnRamps Math

Dual Credit Math (MATH 1324) (M605)

Prerequisite: Must meet TSIA requirements, and Advanced Algebra II or Algebra II

Service ID 03102500 Credit: 0.5 Grade Level: 11-12 GPA: College Level

Dual Credit with North Central Texas College. Mathematics for Business and Social Sciences (MATH 1324) The application of common algebraic functions, including polynomial, exponential, logarithmic, and rational, to problems in business, economics, and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability, including expected value. Students who pass the course will receive 3 college hours of credit, and $\frac{1}{2}$ credit of Mathematics at KHS.

Dual Credit Math (Math 1342) (M608)

Prerequisite: Must meet TSIA requirements, and Advanced Algebra II or Algebra II.

Service ID 03102500 Credit: 0.5 Grade Level: 11-12 GPA: College Level

Dual Credit with North Central Texas College. Elementary Statistical Methods (MATH 1342) Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended. Students who pass the course will receive 3 college hours of credit, and $\frac{1}{2}$ credit of Mathematics at KHS.

OnRamps College Algebra (MATH 1314) (M609)

Prerequisite: Algebra I, Adv. Geometry or Geometry

Service ID 03102502 Credit: 1 Grade Level: 11-12 GPA: College Level

OnRamps Dual Enrollment College Algebra through UT Austin. In this course, students deepen their critical thinking skills and develop their ability to persist through challenges as they explore function families: Linear, Absolute Value, Quadratic, Polynomial, Radical, Rational, Exponential, and Logarithmic. Students analyze data algebraically and with technology while developing their knowledge of properties of functions, matrices and systems of equations, and complex numbers. Students will experience high-quality curriculum designed by the faculty at The University of Texas at Austin. The pedagogy of the course, Inquiry-Based Learning, encourages students to take an active role in the construction of their learning. This learning will be accomplished by abstraction, generalization, problem-solving, and modeling TI-83/TI-84 graphing calculators will be available for students to use in class, but individual purchase of one is strongly recommended. Students who pass the college side of the course will receive 3 hours of college credit. Students who pass the high school side of the course will receive 1 credit of Math at KHS.

Social Studies

World Geography (SS10)

Prerequisite: None

Service ID 03320100

Credit: 1

Grade Level: 9-12

GPA: Regular

In World Geography, students examine people, places, and environments at local, regional, national, and international scales from geography's spatial and ecological perspectives. Students describe geography's influence on past and present events, emphasizing contemporary issues. Students use problem-solving and decision-making skills to ask and answer geographic questions. The purpose of this class is to help students understand the interactions of the world, whether it be physical, economic, political or social interactions. This class will implement several strategies including document analysis, writing skills, vocabulary use in writing, and note-taking. Geographic learning strategies include how to use a map, how to read different types of maps, the differences and characteristics of ecosystems, and types of governments. The course will look at the peoples and cultures of the various regions in the world including major religions, languages, and traditions.

AP Human Geography (SS24)

Prerequisite: Recommended Adv. 8th Grade Social Studies or Meets/Masters on 8th Grade Social Studies STAAR

Service ID A3360100

Credit: 1

Grade Level: 9-12

GPA: College Level

AP College Board Approved Course --- College level course. The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to systematically studying patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio-economic organization and its environmental consequences. They also learn about geographers' methods and tools in their research and applications.

World History (SS20)

Prerequisite: None

Service ID 03340400

Credit: 1

Grade Level: 10-12

GPA: Regular

World History is a survey of humankind's history. The primary emphasis is on studying significant people, events, and issues from the earliest to the present. Traditional historical points of reference in world history are students analyzing important events and issues in Western civilization and civilizations in other parts of the world. Students evaluate the causes and effects of political and economic imperialism.

AP World History (SS22)

Prerequisite: None

Service ID A3370100

Credit: 1

Grade Level: 10-12

GPA: College Level

AP College Board Approved Course --- College level course. In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 C.E. to the present. Students develop the same skills, practices, and methods historians employ: analyzing primary and secondary sources, developing historical arguments, making historical connections, and utilizing reasoning about comparison, causation, continuity, and change over time. The course provides six themes students explore to connect with historical developments in different times and places. Summer Assignments may be required.

United States History (SS30)

Prerequisite: World History

Service ID 03340100

Credit: 1

Grade Level: 11-12

GPA: Regular

In U.S. History the course content is based on the founding documents of the U.S. government, which provide framework for it heritage. Students use critical thinking skills and a variety of primary and secondary sources to explain and apply different methods that historians use to understand and interpret the past, including multiple points of view and historical context.

Government (SS40)

Prerequisite: US History

Service ID 03330100 Credit: 0.5 Grade Level: 12 GPA: Regular

This course will cover the foundation of the United States political system beginning with the influences of Old England in relation to law and democracy. Government will be traced through the colonial era into present U. S. government. The types of government will be defined including authoritarian and democratic systems, with the advantages and disadvantages of each given. The U. S. constitution, its powers, limitations and rights will be investigated along with major court cases. The role of the two-party system will be outlined as well as the roles of state and local government.

Economics (SS41)

Prerequisite: US History

Service ID 03310300 Credit: 0.5 Grade Level: 12 GPA: Regular

Explains the purpose of economic systems and the differences between those systems. The goals, benefits, and characteristics of the free enterprise system will be identified along with specific aspects such as supply and demand, business enterprises, stock markets and changing economic conditions will be investigated.

Psychology (SS80)

This is a Social Studies elective-does not count towards Social Studies credits needed for graduation

Prerequisite: None

Service ID 03350100 Credit: 0.5 Grade Level: 10-12 GPA:Not Included

Students will explore the history of psychology from the earliest psychologists to the modern day. The course includes a discussion of today's approaches and various theories. Studies include the relationship between mind and body, emphasizing different techniques to solve psychological problems.

Sociology (SS81)

This is a Social Studies elective-does not count towards Social Studies credits needed for graduation

Prerequisite: None

Service ID 03370100 Credit: 0.5 Grade Level: 10-12 GPA:Not Included

It will investigate the history of sociology, starting with the failure of the French Revolution. It will also include approaches in the field today and the nature and influence of culture on society. The role that groups play in society and the different types of leaders will also be investigated.

Dual Credit/OnRamps Social Studies

OnRamps US History (HIST 1301 & HIST 1302) (SS35)

Prerequisite: Recommended AP World History or World History

Service ID 03340100 Credit: 1 Grade Level: 11-12 GPA: College Level

OnRamps Dual Enrollment course through UT Austin. Students explore the scope and depth of the American experience, engaging with course material both independently and collaboratively to develop critical thinking skills, analyze evidence-based historical narratives, and conduct archival research. Each unit consists of primary and secondary sources that challenge students to uncover the complexities within historical study. Students who pass the college side of the course will receive 6 hours of college credit. Students who pass the high school side of the course will receive 1 credit of U.S. History at KHS.

Dual Credit US History (HIST 1301) (SS60)

Prerequisite: Must meet TSIA requirements and recommend AP World History

Service ID 03340100 Credit: 0.5 Grade Level: 11-12 GPA: College Level

Dual Credit with North Central Texas College. United States History I (HIST 1301) This course is a study of the history of the United States with a focus on the development of American characteristics and institutions, including the forging of a new society from European, African and American cultures. Emphasis is on colonial and early national periods through the Civil War Reconstruction. Students who pass the course will receive 3 college hours of credit, and ½ credit of US History at KHS.

Dual Credit US History (HIST 1302) (SS64)

Prerequisite: Must meet TSIA requirements and recommend AP World History

Service ID 03340100 Credit: 0.5 Grade Level: 11-12 GPA: College Level

Dual Credit with North Central Texas College. United States History from 1865 (HIST 1302) This course is a study of the history of the United States from 1877 to the present. The focus is on the development of American society in the 20th century, response to the urban-industrial environment, the United States as a world power, and post-World War II society. Students who pass the course will receive 3 college hours of credit, and ½ credit of US History at KHS.

Dual Credit Government (GOVT 2305) (SS61)

Prerequisite: Must meet TSIA requirements and US History

Service ID 03330100 Credit: 0.5 Grade Level: 12 GPA: College Level

Dual Credit with North Central Texas College. Federal Government - Federal Constitution and Topics (GOVT 2305) This course examines the institutional structures of government at both national and state levels (emphasizing Texas), including the legislative process, the executive and bureaucratic structures and the judicial process. Additional topics include civil rights and civil liberties, domestic policy, foreign relations, and national defense. Students who pass the course will receive 3 college hours of credit, and ½ credit of Government at KHS.

Dual Credit Economics (ECON 2301) (SS62)

Prerequisite: Must meet TSIA requirements and US History

Service ID 03310300 Credit: 0.5 Grade Level: 12 GPA: College Level

Dual Credit with North Central Texas College. Principles of Macroeconomics (ECON 2301) Macroeconomics focuses on how the American government functions as a whole. Concepts include aggregate supply and demand, production possibilities, trade, GDP, unemployment, inflation, fiscal policy, money supply, the Federal Reserve, and monetary policy. It is non-calculus based; so simple arithmetic and graphing skills are all that is needed. Students who pass the course will receive 3 college hours of credit, and ½ credit Economics at KHS.

Dual Credit Psychology (PSYC 2301) (SS82)

This is a Social Studies elective-does not count towards Social Studies credits needed for graduation

Prerequisite: Must meet TSIA requirements

Service ID 03350100 Credit: 0.5 Grade Level: 11-12 GPA: Not Included

Dual Credit with North Central Texas College. General Psychology is a survey of the major psychological topics, theories, and approaches to the scientific study of behavior and mental processes. Students who pass the course will receive 3 college hours of credit, and ½ credit Psychology at KHS.

Dual Credit Sociology (SOCI 1301) (SS83)

This is a Social Studies elective-does not count towards Social Studies credits needed for graduation

Prerequisite: Must meet TAI2 requirements

Service ID 03370100 Credit: 0.5 Grade Level: 11-12 GPA:Not Included

Dual Credit with North Central Texas College. Introduction to Sociology (SOCI 1301) Sociology is the scientific study of human society, culture, social institutions, group interaction, social trends, social problems, and social change. NCTC offers six courses in Sociology. Courses vary by semester and campus. Each course emphasizes the fundamentals of scientific theory, methodology, social patterns, questioning commonly held assumptions, and expanding each student's intellectual horizons. Students who pass the course will receive 3 college hours of credit, and ½ credit of Sociology at KHS.

Dual Credit Texas Govt (GOVT 2306) (SS84)

This course does NOT meet the Government requirement for high school graduation.

Prerequisite: Must meet TSIA requirements

Service ID 03380001 Credit: 0.5 Grade Level: 11-12 GPA: Not Included

Dual Credit with North Central Texas College. Texas Government (GOVT 2306) Origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas. Students who pass the course will receive 3 college hours of credit, and ½ credit in social studies advanced studies at KHS.

Biology (S200)

Prerequisite: None

Service ID 03010200

Credit: 1

Grade Level: 9-10

GPA: Regular

Study of living things: each of the six kingdoms, anatomy and physiology of animals, plants, and the human body. Study cell processes, DNA, and genetics.

Biology Advanced (S201)

Prerequisite: Recommended Adv. 8th Grade Science or Meets/Masters on 8th Grade Science STAAR

Service ID 03010200

Credit: 1

Grade Level: 9-10

GPA: Advanced

Includes all aspects of Biology curriculum in addition to contemporary scientific research, and literary analysis of scientifically based text.

Chemistry (S300)

Prerequisite: Biology and Algebra I

Service ID 03040000

Credit: 1

Grade Level: 10-11

GPA: Regular

Lab Science. Chemistry is a study of matter and energy. The course includes the study of atomic structure, phases of matter, chemical periodicity and Periodic Table, bonding, chemical reactions, gas laws and stoichiometry. Many of the concepts in this course require mathematical reasoning and application.

Chemistry Advanced (S301)

Prerequisite: Biology and Algebra I

ServiceID 03040000

Credit: 1

Grade Level: 10-11

GPA: Advanced

Lab Science. Advanced Chemistry is a course, which includes all the concepts of Chemistry, but increases the challenge for those students with adequate mathematical background by providing additional opportunity for development of abstract reasoning and problem solving skills. This course is appropriate for motivated students considering further study in a science-related field. Students should expect approximately one to three hours of outside work per week. Scientific calculator recommended.

Physics (S400)

Prerequisite: Biology and Algebra I

Service ID 03050000

Credit: 1

Grade Level: 11-12

GPA: Regular

Lab Science. In Physics we take an in depth look at the why and how behind everyday phenomenon. This includes the basic study of motion and forces, energy, momentum, and rotation. We also study the properties of fluids, heat, sound and light, as well as electricity, electricity flow and magnetism. Some college require/recommend Physics.

Physics Advanced (S401)

Prerequisite: Biology and Algebra I

Service ID 03050000

Credit: 1

Grade Level: 11-12

GPA: Advanced

Lab Science. Advanced Physics is a course, which includes all the concepts of Physics, but increases the challenge for those students with adequate mathematical background by providing additional opportunity for development of abstract reasoning and problem solving skills. This course is appropriate for motivated students considering further study in a science-related field. Students should expect approximately one to three hours of outside work per week. Scientific calculator recommended. Some college require/recommend Physics.

Advanced Animal Science (CT46)

Prerequisite: Biology, Chemistry, Algebra I, Small Animal Mgmt/Equine Science or Livestock Production

Service ID 13000700	Credit: 1	Grade Level: 11-12	GPA: Regular GPA only included when used in 8 semesters of Science
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Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This is also a CTE course.

Anatomy & Physiology (S403)

Prerequisite: Biology and Chemistry

Service ID 13020600	Credit: 1	Grade Level: 11-12	GPA: Regular
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Anatomy and Physiology is a course of scientific inquiry which concentrates on the study of the human body. Students will learn not only the physical anatomy, but also the physiological response of the body to internal and external stimuli. In addition, the course addresses both inter-organism and intra-organism comparative studies. through laboratory investigations and dissection. This is also a CTE course.

Aquatic Science (S408)

Prerequisite: Biology and Chemistry

Service ID 03030000	Credit: 1	Grade Level: 11-12	GPA: Regular
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In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations and field work in this course may emphasize freshwater or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school. Students who successfully complete Aquatic Science will acquire knowledge about a variety of aquatic systems, conduct investigations and observations of aquatic environments, work collaboratively with peers, and develop critical-thinking and problem-solving skills.

Environmental Systems (S407)

Prerequisite: Biology and Chemistry

Service ID 03020000	Credit: 1	Grade Level: 11-12	GPA: Regular
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The Environmental systems class will provide a course of study which includes a variety of topics, including biotic and abiotic factors in habitats, ecosystems and biomes. Within an environmental system, students will study interrelationships among resources, sources and flow of energy, the relationship between carrying capacity, population changes and changes in environments. Environmental Systems is designed to give students an introduction to the major environmental problems facing the world and the scientific causes behind the problems. The course also teaches students how they are part of the problem and the solution.

Forensic Science (S409)

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

Service ID 13029500	Credit: 1	Grade Level: 11-12	GPA: Regular
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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 is also a CTE course.

OnRamps Biology (BIO 1306 + BIO 1106) (S509)

Prerequisites: Biology and Chemistry

GPA: College Level only included when
used in 8 semesters of Science

Service ID 13037200

Credit: 1

Grade Level: 11-12

On Ramps Dual Enrollment Lab Science. Full-year introductory college course in biology with laboratory work. Major content areas include Basic Chemistry, Biomolecules, Cell Structure & Cell Cycle, Enzymes, Energy of Life, Protein Synthesis and Basic Genetics. Flipped Classroom and Peer Instruction are the main teaching strategies for this course, so students should expect approximately 3-4 hours out of class work per week. Students who pass the college side of the course will receive 3 hours of college credit plus 1 hour of lab credit. Students who pass the high school side will receive 1 Science credit at KHS.

OnRamps Chemistry (CHEM 1311 + CHEM 1111) (S508)

Prerequisites: Biology and Chemistry

GPA: College Level only included when
used in 8 semesters of Science

Service ID 13037210

Credit: 1

Grade Level: 11-12

OnRamps Dual Enrollment Lab Science through UT Austin. A full-year introductory college level course in Chemistry with laboratory. The course will include the study of properties and composition of matter, including atomic and molecular structure, interactions of matter, both inorganic and limited organic topics. Students should expect approximately 2-3 hour of outside work per week (homework or lab work). A syllabus will be provided and scientific calculator recommended. Students who pass the college side of the course will receive 3 hours of college credit plus 1 hour of lab credit. Students who pass the high school side will receive 1 Science credit at KHS.

Languages other than English (LOTE)

Spanish 1 (FL10)

Prerequisite: None

Service ID 03440100

Credit: 1

Grade Level: 9-12

GPA: Regular

This introductory class is an initiation to the four basic skills of the Spanish Language: listening, speaking, reading, and writing. Emphasis is placed on practical vocabulary building, conversation skills and fundamental grammar structures. This class will also serve as an introduction to the cultures of the Spanish-speaking world and its impact on our own.

Spanish 2 (FL20)

Prerequisite: Spanish 1

Service ID 03440200

Credit: 1

Grade Level: 9-12

GPA: Regular

Spanish 2 continues the development of language skills begun in Spanish 1. Greater emphasis is placed on speaking and reading skills, as well as the introduction of more advanced grammar structures. Students will further expand their abilities with the use of creative and expository writing and class presentations. This class will also serve as a deeper introduction to the history of Spanish culture (both in Latin America and Europe) and expose students to the growing volume of Spanish popular culture in the public media. At the completion of this course, students should attain the level of Novice Proficiency as set forth by the TEKS objectives for World Languages.

Spanish 2 Advanced (FL23)

Prerequisite: Spanish 1

Service ID 03440200

Credit: 1

Grade Level: 9-12

GPA: Advanced

Advanced Spanish 2 expands upon the basic Novice World Languages TEKS objectives and is designed for students interested in pursuing language study at an advanced level. In addition to the material covered in regular Spanish 2, stress is placed on oral and literary comprehension, as well as a greater understanding of Spanish culture (through readings, film, and student research projects). Students will also begin the development of persuasive compositions and the advanced grammar concepts that this area requires

Spanish 3 Advanced (FL30)

Prerequisite: Spanish II

Service ID 03440300

Credit: 1

Grade Level: 10-12

GPA: Advanced

Spanish 3 is recommended for those students who have achieved success at the lower levels. This class begins the study of Spanish language, literature, and culture in depth and is recommended for students wanting to place out of the college language requirement and pursue their studies at the university level. Advanced grammar concepts are introduced and studied at a much more rapid pace. Students will be required to demonstrate their continued proficiency through essays, readings, research projects and classroom conversations in addition to scheduled exams. Both students and teacher are expected to use their speaking skills as much as possible in the classroom.

AP Spanish Language and Culture (FL41)

Prerequisite: Spanish III

Service ID A3440100

Credit: 1

Grade Level: 11-12

GPA: College Level

AP College Board Approved Course --- College level course. AP Spanish Language is designed for students at the end of their grammatical study of the Spanish Language. Students will refine their oral, reading, writing, and listening skills acquired in their previous classes and finish final advanced grammar concepts. Concurrently, students will continue study of various cultural, societal, and historical topics prevalent in Spanish society (literature, music, popular media). With the exception of grammar explanations, classes at this level are conducted almost in Spanish. Class will culminate in the Spanish Language AP test in the spring.

Physical Education

Physical education credits are offered to students, but do not count in a student's GPA. One credit is required to meet graduation requirements.

Physical Education (P100-P400)

Prerequisite: None Credit: 1 Grade Level: 9-12

Students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle.

Athletics

Prerequisite: Must have physical Credit: 1 Grade Level: 9-12

Students participate in team or individual sports. Requires after or before school practices and out of town games. Enrollment is required for participation in team sports. Students must meet UIL rules for participation. Team sports include: baseball, basketball, football, softball, tennis, volleyball, and track.

Marching Band (BA01-BA04)

Prerequisite: Must have physical and enrolled in concert band

Service ID PES00012 Credit: 0.5 Grade Level: 9-12

Physical Education credit may be earned by Marching Band course. Students will receive PE credit for marching band during fall semesters for the first credit.

Cheer (P114)

Prerequisite: Must be selected to squad

Service ID PES00013 Credit: 1 Grade Level: 9-12

Physical Education credit may be earned by Cheer course. Student will receive PE credit for cheer course for the first full year.

Cheer II (P117)

Prerequisite: Must be selected to squad

Service ID PES00051 Credit: 1 Grade Level: 10-12

Physical Education credit may be earned by Cheer course. Student will receive a second PE credit for cheer course for the second full year. A local credit will be awarded for any additional credits.

Color Guard (BA1B, BA2B)

Prerequisite: Must be selected to squad

Service ID PES00014 Credit: 0.5 Grade Level: 9-12

Physical Education credit may be earned by Color Guard course. Student will receive PE credit for color guard during fall semesters for the first full credit. A local credit will be awarded for any additional credits.

Dance I-II (FA04, FA84)

Prerequisite: Must be selected to squad

Service ID PES00014 Credit: 0.5 Grade Level: 9-12

Physical Education credit may be earned by dance course. Student will receive PE credit for danced during fall semesters for the first full credit.

Fine Arts

Art I (FA61)

Prerequisite: None Service ID 03500100 Credit: 1 Grade Level: 9-11 GPA: Not Included

This year-long course is designed as a beginning art class for students wishing to pursue upper level art courses as well as for those who wish to satisfy their fine arts requirement for graduation. Students will be introduced to the elements of art, principles of design, 2-D and 3-D media and techniques, art history, critical thinking, and creative problem solving. Students will be provided a supply list that they will be financially responsible for.

Art II 2D (FA64)

Prerequisite: Art I Service ID 03500200 Credit: 1 Grade Level: 10-12 GPA: Not Included

This year-long course is for students interested in developing basic technical, compositional, and expressive skills using an array of 2D media. Students will discuss and critique related art from around the world and throughout history. They will also participate in class critiques where they will discuss their own artwork and the artwork of their classmates. Students will be provided a supply list that they will be financially responsible for.

Art III 2D (FA70)

Prerequisite: Art II Service ID 03500300 Credit: 1 Grade Level: 11-12 GPA: Not Included

This year-long course is for the serious art student. Students will continue to advance in their technical, compositional, and expressive skills related to 2D art. They will continue to critique art from around the world and throughout history, along with their own art and that of their classmates. Students will also create a personal portfolio based on evaluation of developmental progress, competency in problem solving, and a variety of visual ideas. Students will be provided a supply list that they will be financially responsible for.

Art IV 2D (FA39)

Prerequisite: Art III Service ID 03500400 Credit: 1 Grade Level: 12 GPA: Not Included

This year-long course is for the serious art student. Students will continue to advance in their technical, compositional, and expressive skills related to 2D media. They will continue to critique art from around the world and throughout history, along with their own art and that of their classmates. Students will also create a personal portfolio based on evaluation of developmental progress, competency in problem solving, and a variety of visual ideas. Students will be provided a supply list that they will be financially responsible for.

Art II 3D (FA65)

Prerequisite: Art I Service ID 0350100 Credit: 1 Grade Level: 10-12 GPA: Not Included

This year-long course is for students interested in developing basic technical, compositional, and expressive skills using an array of 3D media. Students will discuss and critique related art from around the world and throughout history. They will also participate in class critiques where they will discuss their own artwork and the artwork of their classmates. Students will be provided a supply list that they will be financially responsible for.

Art III 3D (FA71)

Prerequisite: Art II Service ID 03501900 Credit: 1 Grade Level: 11-12 GPA: Not Included

This year-long course is for the serious art student. Students will continue to advance in their technical, compositional, and expressive skills related to 3D art. Students will continue to discuss and critique their artwork, the artwork of their classmates, and related works throughout history. Students will also create a personal portfolio based on evaluation of developmental progress, competency in problem solving, and a variety of visual ideas. Students will be provided a supply list that they will be financially responsible for purchasing.

Art IV 3D (FA38)

Prerequisite: Art III Service ID 03502800 Credit: 1 Grade Level: 12 GPA: Not Included

This year-long course is for the serious art student. Students will create a thematic portfolio of work that demonstrates knowledge, creativity, and skill. They will continue to discuss and analyze their work, the work of their classmates, and related works throughout history. Students will be provided a supply list that they will be financially responsible for.

Dual Credit Art Appreciation (ART 1301) (FA73)

Prerequisite: Must meet TSIA requirements

Service ID 03500110 Credit: 0.5 Grade Level: 11-12 GPA: Not Included

Dual Credit with North Central Texas College. A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of arts within formal, cultural, and historical contexts. Upon successful completion, students will be able to: apply art terminology as it specifically relates to works of art; demonstrate knowledge of art elements and principles of design; differentiate between the processes and materials used in the production of various works of arts; critically interpret and evaluate works of art; and demonstrate an understanding of the impact of arts on culture. Students who pass the course will receive 3 college hours of credit, and ½ credit in art at KHS.

Band – Concert (BA52, BA54, BA56, BA57)

Prerequisite: Director approval

Service ID 03150100, 03150200, 03150300, 03150400 Credit: 1 Grade Level: 9-12 GPA: Not Included

Open to any instrumentalist. Students will participate in a rigorous music curriculum that includes UIL, research, and the study of advanced literature. Assignments change each semester throughout the course of HS.

Band – Jazz (BA53, BA55, BA58, BA59)

Prerequisite: Must be concurrently enrolled in Concert Band

Service ID 03151300, 03151400, 03151500, 03151600 Credit: 1 Grade Level: 9-12 GPA: Not Included

Open to any instrumentalist by audition. Students will study a wide variety of jazz literature, history and styles.

Band Ensemble I-III (BA61, BA24, BA64)

Prerequisite: Must be concurrently enrolled in Concert Band

Service ID 03151700, 03151400, 03151900 Credit: 1 Grade Level 10-12 GPA: Not Included

Open to any instrumentalist by audition. Students will study a wide variety of music styles.

Women's Choir (CH46, CH49, CH52, CH53)

Prerequisite: None

Service ID 03150900, 03151000, 03151100, 03151200 Credit: 1 Grade Level: 9-12 GPA: Not Included

Women's choir is a non-auditioned choir open ninth grade through twelfth grade women. Students enrolled in the course will develop singing, listening, sight-reading, and music theory skills. Women's choir travels to UIL Concert & Sight-Reading Contest each year as a women's choir and also competes in local and regional choral competitions. Membership requires attendance at extracurricular activities, including concerts, rehearsals, and/or sectionals.

Men's Choir (CH47, CH50, CH54, CH55)

Prerequisite: None

Service ID 03150900, 03151000, 03151100, 03151200 Credit: 1 Grade Level: 9-12 GPA: Not Included

Men's choir is a non-auditioned choir open ninth grade through twelfth grade women. Students enrolled in the course will develop singing, listening, sight-reading, and music theory skills. Men's choir travels to UIL Concert & Sight-Reading Contest each year as a Men's choir and also competes in local and regional choral competitions. Membership requires attendance at extracurricular activities, including concerts, rehearsals, and/or sectionals.

Varsity Mixed (CH48, CH51, CH56, CH57)

Prerequisite: Director approval required

Service ID 03152100, 03152200, 03152300, 03152400 Credit: 1 Grade Level: 9-12 GPA: Not Included

Acapella Varsity Mixed choir is an audition choir open to ninth grade through twelfth graders. Students enrolled in the course will develop singing, listening, sight-reading, and music theory skills.

Theater Arts I (FA62)

Prerequisite: None Service ID 03250100 Credit: 1 Grade Level: 9-12 GPA Not Included

In this class you will experience many different aspects of theatre. Our goal is to improve your performance level, your knowledge of theatre, and, most importantly, your self-confidence. You will be trained in the fundamental skills of the theatre arts, including improvisation techniques, body control, voice, diction, pantomime, auditioning, memorization techniques, character development I, projection of ideas and emotions and preparation and acting of scenes from plays. Acting projects will provide positive group experiences in collaborative assignments, developing self-discipline, evaluating the performances of others, and accepting constructive criticism. Instruction develops language skills and appreciation through reading dramatic literature; using written critiques; writing dramatic scenes, character analyses, play reports, and introductions; observing with sensitivity; listening critically; and speaking effectively.

Theater Arts II-IV (FA66, FA74, FA77)

Prerequisite: Theater Arts I

Service ID 03250200, 03250300, 03250400 Credit: 1 Grade Level: 10-12 GPA: Not Included

In this class you will experience many different aspects of theatre. Our goal is to improve your performance level, your knowledge of theatre, and, most importantly, your self-confidence. You will be trained in the fundamental skills of the theatre arts, including improvisation techniques, body control, voice, diction, pantomime, auditioning, memorization techniques, character development I, projection of ideas and emotions and preparation and acting of scenes from plays. Acting projects will provide positive group experiences in collaborative assignments, developing self-discipline, evaluating the performances of others, and accepting constructive criticism. Instruction develops language skills and appreciation through reading dramatic literature; using written critiques; writing dramatic scenes, character analyses, play reports, and introductions; observing with sensitivity; listening critically; and speaking effectively.

Technical Theatre I (FA63)

Prerequisite: Theater Arts I

Service ID 03250500 Credit: 1 Grade Level: 10-12 GPA Not Included

In this class you will experience many different aspects of technical theatre. Our goal is to improve your knowledge of technical theatre, give you the tools to properly function within the theater, and most importantly, become part of the knowledgeable technical crew. Technical Theatre is a hands-on introduction to the understanding, designing, crafting and execution of theatrical productions. Our objective is to learn the basics of theatre terminology and to obtain the hands-on skills to properly execute the basic theatre production. You will come from this course a better problem solver, carpenter, electrician, designer, team member, and leader.

Technical Theatre II-IV (FA5A, FA75, FA78)

Prerequisite: Technical Theatre I

Service ID 03250600, 03251100, 03251200 Credit: 1 Grade Level: 11-12 GPA: Not Included

This is an advanced level of Technical Theatre where we have challenging projects in each area of the theater. This level requires creativity and problem solving skills in order to create the effects that we need for productions. This class will also be helping with the productions throughout the school year.

Theater Production I-VI (FA69, FA80, FA82, FA83)

Prerequisite: Director Approved

Service ID 03250700, 03250800, 03250900, 03251000 Credit: 1 Grade Level: 9-12 GPA: Not Included

This is an advanced level of Technical Theatre where we have challenging projects in each area of the theater. This level requires creativity and problem solving skills in order to create the effects that we need for productions. This class will also be helping with the productions throughout the school year.

Dance I-II (FA04, FA84)

Prerequisite: Must be selected to squad

Service ID 03830100 Credit: 1 Grade Level: 9-12 GPA: Not Included

Drill team is a precision performing group that provides students an opportunity to perform at a variety of venues. Performances may include athletic events, competitions, community events, and stage shows. Drill team membership requires weekly after hours practice and rehearsals. Students gain membership through an audition held each Spring. Drill team members will be financially responsible for the items needed for the team.

Other Dual Credit Electives

Dual Credit Public Speaking (SPCH 1315) (SS85)

Prerequisite: Must meet TSIA requirements

Service ID 03240900

Credit: 0.5

Grade Level: 11-12

GPA: Not Included

Dual Credit with North Central Texas College. Public Speaking (SPCH 1315) Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities, as well as ability to effectively evaluate oral presentations. Students who pass the course will receive 3 college hours of credit, and ½ credit of Speech at KHS.

Intro to Philosophy (PHIL 1301) (E609)

Prerequisite: Must meet TSIA requirements

Service ID 03221800

Credit: 0.5

Grade Level: 11-12

GPA: Not Included

Dual Credit with North Central Texas College. A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Students who pass the course will receive 3 college hours of credit, and ½ credit English Elective at KHS.

Technical & Business Writing (ENGL 2311) (E992)

Prerequisite: Must meet TSIA requirements

Service ID 03221100

Credit: 0.5

Grade Level: 11-12

GPA: Not Included

Dual Credit with North Central Texas College. Intensive study of and practice in professional settings. Focus on the types of documents necessary to make decisions and take action on the job, such as proposals, reports, instructions, policies and procedures, e-mail messages, letters, and descriptions of products and services. Practice individual and collaborative processes involved in the creation of ethical and efficient documents. Upon successful completion, students will be able to: recognize, analyze, and accommodate diverse audiences; produce documents appropriate to audience, purpose, and genre; analyze the ethical responsibilities involved in technical communication; locate, evaluate, and incorporate pertinent information; develop verbal, visual, and multimedia materials as necessary, in individual and/or collaborative projects, as appropriate; edit for appropriate style, including attention to word choice, sentence structure, punctuation, and spelling; and design and test documents for easy reading and navigation. Students who pass the course will receive 3 college hours of credit, and ½ credit English Elective at KHS.

Agriculture, Food, Natural Resources & Manufacturing

Ag Mechanics & Metal (CT122)

Prerequisite: Recommended Prin. Of AFNR

Service ID 13002200 Credit: 1 Grade Level: 9-12 GPA: Not Included

Students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how those knowledge and skills are applied to manufacturing. Studying manufacturing technology allows students to reinforce, apply, and transfer academic knowledge and skills to various interesting and relevant activities, problems, and settings in a manufacturing setting. Students also gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment in these careers.

Ag Structure and Design Lab (CT177)

Prerequisite: Ag Mechanics and Metal

Service ID 13002310 Credit: 2 Grade Level: 10-12 GPA: Not Included

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. Certifications aligned to this course: AWS D1.1: Tack Weld Certification.

Agriculture Power Systems Lab (CT245)

Prerequisite: Ag. Structure and Design Lab

Service ID 13002410 Credit: 2 Grade Level: 11-12 GPA: Not Included

Agricultural Power Systems is designed to develop an understanding of power and control systems related to energy sources, small and large power systems, and agricultural machinery. 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 workplace; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and technical skills in various settings.

Ag. Equipment and Lab (CT176)

Prerequisite: Ag Power Systems Lab

Service ID 13002360 Credit: 2 Grade Level: 11-12 GPA: Not Included

Rapid technological advances have created new career opportunities and demands in many industries. In Agricultural Equipment Design and Fabrication, students will acquire knowledge and skills related to the design and fabrication of agricultural equipment. Agriculture Equipment and Lab provides the knowledge, skills, and technologies required for employment in metal technology systems. This course supports the integration of academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to various settings and problems. Knowledge about career opportunities, requirements, expectations, and the development of workplace skills prepares students for success. Certifications aligned to this course AWS D9.1 Sheet Metal Fillet Weld Cert. AWS D1/1 Fillet Weld Cert.

Equine Science (CT117)

Prerequisite: None

Service ID 13000500

Credit: 0.5

Grade Level: 9-12

GPA: Not Included

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 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. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in various settings.

Small Animal Management (CT118)

Prerequisite: None

Service ID 13000400

Credit: 0.5

Grade Level: 9-12

GPA: Not Included

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. 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. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings.

Livestock Production (CT136)

Prerequisite: Equine Science/Small Animal

Service ID 13000300

Credit: 1

Grade Level: 10-12

GPA: Not Included

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. To prepare for careers in animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in various settings.

Advanced Animal Science (CT46)

Prerequisite: Biology, Chemistry, Small Animal/Equine Science, and Livestock Production

Service ID 13000700

Credit: 1

Grade Level: 11-12

GPA: Regular GPA only included
when used in 8 semesters of Science

Advanced Animal Science examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for applying scientific and technological aspects of animal science through field and laboratory experiences. To prepare for careers in animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in various settings. This course also satisfies a science credit requirement.

Turf Grass Management (CT120)

Prerequisite: None

Service ID 13001950 Credit: 0.5 Grade Level: 9-12 GPA: Not Included

Turf Grass Management is designed to develop an understanding of turf grass management 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.

Landscape Design and Mgmt. (CT119)

Prerequisite: None

Service ID 13001900 Credit: 0.5 Grade Level: 9-12 GPA: Not Included

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

Greenhouse Operations & Production (CT121)

Prerequisite: Turf Grass/Landscape Design

Service ID 13002050 Credit: 1 Grade Level: 9-12 GPA: Not Included

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

Floral Design (CT137)

Prerequisite: Turf Grass/Landscape Design and Greenhouse Operations

Service ID 13001800 Credit: 1 Grade Level: 10-12 GPA: Not Included

Floral Design is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students will develop respect for the traditions and contributions of diverse cultures. Students will respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations. To prepare for careers in floral design, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings. This course also satisfies a Fine Arts credit requirement. Certifications aligned to this course Texas State Floral Association Knowledge Based Certification Texas State floral Association Level 1 Certification

Tarleton Today Horticulture Science (HORT 1301) (CT239)

Prerequisite: Turf Grass/Landscape Design

Service ID 13002000 Credit: 1 Grade Level: 11-12 GPA: Not Included

Dual Enrollment course through Tarleton. Introduction to the horticulture industry and the career opportunities that are available. The course includes an introduction to plant classification and structure, greenhouse construction and management, orchard and vegetable crops, and plant propagation. Students who pass the college side of the course will receive 3 hours of college credit. Students who pass the high school side will receive 1 elective credit at KHS.

Advanced Floral Design (CT237)

Prerequisite: Floral Design and teacher approval

Service ID N1300270 Credit: 1 Grade Level: 11-12 GPA: Not Included

Advanced Floral Design focuses on building advanced skills in floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event.

Practicum in Ag. Food, and Natural Resources (CT159)

Prerequisite: Student has taken at least one level 2 and level 3 course from the same pathway (manufacturing, animal, or plant)

Service ID 13002500 Credit: 2 Grade Level: 11-12 GPA: Not Included

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.

Culinary Arts

Intro to Culinary (CT134)

Prerequisite: None Service ID 13022550 Credit: 1 Grade Level: 9-12 GPA: Not Included

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

Culinary Arts (CT153)

Prerequisite: Intro to Culinary Service ID 13022600 Credit: 2 Grade Level: 10-12 GPA: Not Included

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

Advanced Culinary Arts (CT187)

Prerequisite: Intro to Culinary and Culinary Arts

Service ID 13022700 Credit: 2-3 Grade Level: 11-12 GPA: Not Included

Advanced Culinary Arts will extend content 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 (CT233)

Prerequisite: Student has taken at least one level 2 and level 3 course from the same pathway

Service ID 13022700 Credit: 2 Grade Level: 11-12 GPA: Not Included

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. Practicum in Culinary Arts integrates both academic and career and technical education, provides more interdisciplinary instruction, and supports strong partnerships among schools, businesses, and community institutions to prepare students with various skills in a fast-changing culinary art-based workplace.

Digital Communications

Audio/Video Production I (CT124)

Prerequisite: Principles in Arts, A/V Technology & Communications

Service ID 13008500 Credit: 1 Grade Level: 9-12 GPA: Not Included

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing the technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

Digital Design and Media Production (CT227)

Prerequisite: Principals of Business, Marketing, and Finance

Service ID 03580400 Credit: 1 Grade Level: 9-12 GPA: Not Included

Digital Design and Media Production will allow students to demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will demonstrate a thorough understanding of digital design principles that is transferable to other disciplines. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Entrepreneurship I (CT??)

Prerequisite: Principals of Business, Marketing, and Finance

Service ID 13011101 Credit: 1 Grade Level: 9-12 GPA: Not Included

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

Audio/Video Production II (CT139)

Prerequisite: Audio/Video Production I

Service ID 13008600 Credit: 1 Grade Level: 10-12 GPA: Not Included

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Building upon the concepts taught in Audio/Video Production, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Clusters, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production products. This course may be implemented in an audio format with both audio and video.

Practicum in Audio/Video Production (CT160)

Prerequisite: Student has taken at least one level 2 and level 3 course from the same pathway

Service ID 13008700 Credit: 2 Grade Level: 11-12 GPA: Not Included

Careers in audio/video production span all aspects of the audio/video communications industry. Building upon the concepts taught in Audio/Video Production II and its corequisite Audio/Video Production II Lab, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio and video products in a professional environment. This course may be implemented in an advanced audio/video or audio format. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Marketing and Sales

Digital Design and Media Production (CT227)

Prerequisite: Principals of Business, Marketing, and Finance

Service ID 03580400 Credit: 1 Grade Level: 9-12 GPA: Not Included

Digital Design and Media Production will allow students to demonstrate creative thinking, develop innovative strategies, and use communication tools in order to work effectively with others as well as independently. Students will gather information electronically, which will allow for problem solving and making informed decisions regarding media projects. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will demonstrate a thorough understanding of digital design principles that is transferable to other disciplines. The six strands include creativity and innovation; communication and collaboration; research and information fluency; critical thinking; problem solving, and decision making; digital citizenship; and technology operations and concepts.

Entrepreneurship I (CT??)

Prerequisite: Principals of Business, Marketing, and Finance

Service ID 13011101 Credit: 1 Grade Level: 9-12 GPA: Not Included

In Entrepreneurship I, students will gain the knowledge and skills needed to become an entrepreneur in a free enterprise system. Students will learn the key concepts necessary to begin and operate a business. The primary focus of the course is to help students identify the types and selection criteria of business structures, understand the components of a business plan, determine feasibility of an idea using research, and develop and present a business concept. In addition, students will understand the basics of management, accounting, finance, marketing, risk, and product development.

Sports and Entertainment Marketing I (CT229)

Prerequisite: Principals of Business, Marketing, and Finance, Digital Design and Media Production, or Entrepreneurship

Service ID 13034600 Credit: 0.5 Grade Level: 10-12 GPA: Not Included

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

Sports and Entertainment Marketing II (CT231)

Prerequisite: Sports and Entertainment Marketing I or Digital Design and Media Production

Service ID 13011200 Credit: 0.5 Grade Level: 10-12 GPA: Not Included

Sports and Entertainment Marketing II is an advanced course designed to build upon students' prior knowledge of sports and entertainment marketing. Students will develop a thorough understanding of advanced marketing concepts and theories as they relate to the sports and entertainment industries.

Social Media Marketing (CT225)

Prerequisite: Sports and Entertainment Marketing I or Digital Design and Media Production

Service ID 13011200 Credit: 0.5 Grade Level: 11-12 GPA: Not Included

Social Media Marketing is designed to look at the rise of social media and how marketers are integrating social media tools in their overall marketing strategy. The course will investigate how the marketing community measures success in the new world of social media. Students will manage a successful social media presence for an organization, understand techniques for gaining customer and consumer buy-in to achieve marketing goals, and properly select social media platforms to engage consumers and monitor and measure the results of these efforts.

Advertising (CT221)

Prerequisite: Sports and Entertainment Marketing I or Digital Design and Media Production

Service ID 13034200 Credit: 0.5 Grade Level: 11-12 GPA: Not Included

Advertising is designed as a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, cultural, ethical, and legal issues of advertising, historical influences, strategies, media decision processes as well as integrated marketing communications, and careers in advertising and sales promotion. The course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge.

Statistics and Business Decision Making (CT109)

Prerequisite: Algebra I and Geometry

Service ID 13016900 Credit: 1 Grade Level: 11-12 GPA: Regular GPA only included when used in 8 semesters of Math

Statistics and Business Decision Making is an introduction to statistics and the application of statistics to business decision making. Students will use statistics to make business decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

Practicum in Marketing (CT223)

Prerequisite: Student has taken at least one level 2 and level 3 course from the same pathway

Service ID 13034800 Credit: 2 Grade Level: 11-12 GPA: Not Included

Practicum in Marketing is a series of dynamic activities that focus on the customer to generate a profitable exchange. Students will gain knowledge and skills that help them to be proficient in one or more of the marketing functional areas associated with distribution, financing, marketing information management, pricing, product planning, promotion, purchasing, risk management, and selling skills. Students will integrate skills from academic subjects, information technology, interpersonal communication, and management training to make responsible decisions.

Cosmetology

Intro to Cosmetology (CT154)

Prerequisite: None Service ID 13032100 Credit: 1 Grade Level: 10 GPA: Not Included

In Introduction to Cosmetology, students explore careers in the cosmetology industry. To prepare for success, students must have academic and technical knowledge and skills relative to the industry. Students may begin to earn hours toward state licensing requirements

Cosmetology I (CT178)

Prerequisite: Intro to Cosmetology

Service ID 13025200 Credit: 1 Grade Level: 11 GPA: Not Included

In Cosmetology I, students coordinate the integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation (TDLR) requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included.

Cosmetology II (CT203)

Prerequisite: Cosmetology I

Service ID 13025300 Credit: 1 Grade Level: 12 GPA: Not Included

In Cosmetology II, students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies, and materials; and practical skills.

Education and Training

Principles of Education & Training (CT127)

Prerequisite: None Service ID 13014200 Credit: 1 Grade Level: 9-12 GPA: Not Included

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

Child Development (CT144)

Prerequisites: Principles of Education & Training

Service ID 13024700 Credit: 1 Grade Level: 10-12 GPA: Not Included

This course introduces students to core concepts of child development. A focus will also be placed on working with children and improving future parenting skills as positive guidance techniques and child-related issues are studied. Areas of focus include Parenting roles and responsibilities, developmental theories, prenatal development and childbirth, growth and development of the infant, growth and development of toddlers and preschoolers, teaching & working with children, and health and wellness of children.

Tarleton Today Instructional Practices (EDUC 1301) (CT243)

Prerequisite: Principles in Education and Training and Child Development

Service ID 13014400

Credit: 2

Grade Level: 11-12

GPA: Not Included

Dual Enrollment course through Tarleton. This is an enriched, integrated pre-service course and content experience that provides active recruitment and instructional support of students interested in a teaching career, especially in high needs fields. The course provides students with opportunities to participate in early field observations at all levels of P-12 schools with varied and diverse student populations and provides students with support from college and school faculty, preferably in small cohort groups, for the purpose of introduction to and analysis of the culture of schooling and classrooms. Course content should be aligned as applicable with State Board of Education Certification Pedagogy and Professional Responsibilities standards. Course must include a minimum of 16 contact hours of field experience in P-12 classrooms as directed by faculty. Students who pass the college side of the course will receive 3 hours of college credit. Students who pass the high school side will receive 2 elective credits at KHS.

OnRamps Practicum in Education and Training (EDUC 2301 & EDUC 2330) (CT241)

Prerequisite: Instructional Practices

Service ID 13014500

Credit: 2

Grade Level: 12

GPA: Not Included

Dual Enrollment course through Tarleton. This is an enriched, integrated pre-service course and content experience that provides an overview of schooling and classrooms from the perspectives of language, gender, socioeconomic status, ethnic and academic diversity, and equity with an emphasis on factors that facilitate learning. The course provides students with opportunities to participate in early field observations of P-118 12 special populations and should be aligned as applicable with State Board for Educator Certification Pedagogy and Professional Responsibilities standards. Must include a minimum of 16 contact hours of field experience in P-12 classrooms with special populations. Students who pass the college side of both courses will receive 6 hours of college credit. Students who pass the high school side will receive 2 elective credits at KHS.

Law, Public Safety, Corrections, and Security

Principles of Law, Public Safety, Corrections and Security (CT131)

Prerequisite: None

Service ID 13029200

Credit: 1

Grade Level: 9-12

GPA: Not Included

This is an introductory course in the Law Enforcement program of study. In this course, students will analyze the legal responsibilities associated with roles and functions within law, public safety, corrections, and security organizations. The students will implement measures to maintain safe and healthful working conditions in a lab and public safety environment. This course would be beneficial to any student that is considering a career in law enforcement.

Federal Law Enforcement & Protective Services (CT151)

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

Service ID 13029200

Credit: 1

Grade Level: 10-12

GPA: Not Included

Federal Law Enforcement and Protective Services provides the knowledge and skills necessary to prepare for certification in security services for federal law enforcement and protective services. The course provides an overview of security elements and types of organizations with a focus on security measures used to protect lives, property, and proprietary information, to ensure computer security, to provide information assurance, and to prevent cybercrime.

Law Enforcement II (CT173)

Prerequisite: Federal Law Enforcement & Protective Services

Service ID 13029400

Credit: 1

Grade Level: 11-12

GPA: Not Included

Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

Forensic Psychology (CT174)

Prerequisite: Principles of Law, Public Safety, Corrections and Security, Federal Law Enforcement, or Law Enforcement II

Service ID N1303012

Credit: 1

Grade Level: 11-12

GPA: Not Included

Forensic psychology is found at the intersection between psychology and the criminal justice system. It involves understanding criminal law in the relevant jurisdictions in order to be able to interact within the criminal justice system. It utilizes and applies basic skills developed in psychology and criminal scenarios resulting in a structured and scientific approach to investigative analysis; thereby, enabling police and law enforcement officials to predict criminal activity via scientific analysis rather than intuition. Students will learn basic structured psychological investigative techniques in question building, interviewing, criminal behavior characteristics, truth detection methodology, research methods, statistical analysis and probability forecasting.

Counseling and Mental Health (CT148)

Prerequisites: Child Development or Federal Law Enforcement

Service ID 13024600

Credit: 1

Grade Level: 10-12

GPA: Not Included

In Counseling and Mental Health, students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations on their actions and responsibilities, and the implications of their actions. Students understand how professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

Forensic Science (S409)

Prerequisite: Biology and Chemistry

Service ID 13029500

Credit: 1

Grade Level: 11-12

GPA: Regular GPA only included when used in 8 semesters of Science

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 also satisfies a science credit requirement

Practicum in Law, PS, and Security (CT175)

Prerequisite: Student has taken at least one level 2 and level 3 course from the same pathway

Service ID 13030100

Credit: 2

Grade Level: 11-12

GPA: Not Included

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Health Science

Medical Terminology (CT146)

Prerequisites: None

Service ID 13020300

Credit: 1

Grade Level: 9-12

GPA: Not Included

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

Health Science Theory (CT167)

Prerequisite: Biology and Principles of Health Science

Service ID 13020400

Credit: 1

Grade Level: 11-12

GPA: Not Included

This course is designed to provide for the development of multi-occupational knowledge and skills related to a wide variety of healthcare careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught using different methodologies such as laboratory, clinical rotation, or cooperative education. Students may be placed in clinical rotation internships at the hospitals; this placement is a privilege, not a guarantee.

Anatomy & Physiology (S403)

Prerequisite: Biology and Chemistry

Service ID 13020600

Credit: 1

Grade Level: 11-12

GPA: Regular GPA only included when used in 8 semesters of Science

Anatomy and Physiology is a course of scientific inquiry which concentrates on the study of the human body. Students will learn not only the physical anatomy, but also the physiological response of the body to internal and external stimuli. In addition, the course addresses both inter-organism and intra-organism comparative studies. This course also satisfies a science credit requirement.

Practicum in Health Science (CT235)

Prerequisite: Student has taken at least one level 2 and level 3 course from the same pathway

Service ID 13020500

Credit: 2

Grade Level: 11-12

GPA: Not Included

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. To pursue a career in the health care industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. The health care industry is comprised of 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.

Exercise Science, Wellness, & Restoration

Principles of Exercise Science (CT133)

Prerequisite: None

Service ID N1302107

Credit: 1

Grade Level: 9-12

GPA: Not Included

The Principles of Exercise Science and Wellness course is designed to provide for the development of knowledge and skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this course will understand diet and exercise, as well as techniques to help patients recover from injury, illness, and disease. They will also learn about introductory health science topics such as employability skills, lifespan development, and ethical and legal standards.

Kinesiology I, II (CT140 and CT161)

Prerequisite: Principles of Exercise Science

Service ID N1320104/N1302124

Credit: 1

Grade Level: 9-12

GPA: Not Included

In this course, students will learn the basics of anatomy, physiology, biomechanics, kinesiology, general nutrition, and basic athletic training procedures. Instructional materials and activities support the attainment of the National Safety Council, American Sports Medicine Association, and The National Athletic Trainers' Association industry standards. Lab sessions cover training room operations, taping and wrapping, athletic injury assessment, advanced First Aid, use of heat and cold modalities, recordkeeping, rehabilitation, and time management skills. Job shadowing and internship opportunities are also included. Extended hours are required per the instructor's specifications. Kinesiology I is an entry level course designed for lower grade levels.

Project Based Capstone I-III (CT190/CT192/CT194)

Prerequisite: Kinesiology I

Service ID 12701101/12701102/12701103

Credit: 1

Grade Level: 10-12

GPA: Not Included

This course allows students to research a real-world problem. Students are matched with a mentor from the business or professional community to develop an original project on a topic related to their career interests.

Practicum in Health Science/Exercise Science (CT235)

Prerequisite: Student has taken Project Based Capstone I-III

Service ID 13020500

Credit: 2

Grade Level: 12

GPA: Not Included

The Practicum in Health Science course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. To pursue a career in the health care industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others. The health care industry is comprised of 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.

North Central Texas College

CTE Courses

*The courses listed below are new pathways that will be offered starting the 2025-2026 school year.
These courses will be taken at NCTC-Champion Circle in north Fort Worth.*

In order to enroll in the NCTC CTE courses, students must meet the requirements set by KISD and NCTC.

- The student is expected to abide by the rules and regulations of both institutions.
- The course will be counted as part of the student's daily schedule. The grade earned will be designated on the high school and NCTC transcript.
- The student is responsible for the payment of all tuition, books, and fees. Unless student qualifies for Free/Reduced lunch.
- Students must earn a C or higher to pass and to continue to take courses the next semester.
- Students must be in good standing with high school credits, as the programs listed below will count for half of your schedule.
- Even though these courses are taken at NCTC, they do not require college readiness scores. However, students will be required to apply to NCTC as a dual credit student.

Programs offered:

Electrician- 1 year

HVAC-1 year

Plumbing Construction Management- 1 year

Students can join a program either their junior and/or senior year.

Principals of Construction (CT215)

Taken in the Fall Semester

Service ID 13004220 Credit: 1 Grade Level: 11-12 GPA: Not Included

This course is offered through NCTC. Under Principals of Construction, students will be taking Industrial Mathematics (TECM 1301) and Industrial Safety (OSHT 1320). Students will earn 6 hours of college credit at NCTC, and 1 credit towards Principals of Construction at KHS.

Plumbing Technology I (CT211)

Taken in the Fall semester

Service ID 13006000 Credit: 1 Grade Level: 11-12 GPA: Not Included

This course is offered through NCTC. Under Plumbing Technology I, students will be taking Construction Management (CNBT 1316), Construction Materials & Methods I (CNBT 1311), and Mechanical, Electrical, & Plumbing Systems (CNBT 1302). Students will receive 9 hours of college credit through NCTC, and 1 credit towards Plumbing Tech at KHS.

Plumbing Technology II (CT213)

Taken in the Spring Semester

Service ID 13006100 Credit: 2 Grade Level: 11-12 GPA: Not Included

This course is offered through NCTC. Under Plumbing Technology II, students will be taking Basic Blueprint Reading (PFPB 1306), Plumbing Maintenance & Repair (PFPB 1321), Piping Standards & Materials (PFPB 2308), Residential Construction Plumbing (PFPB 2309), and Plumbing Codes I (PFPB 1323). Students will receive 15 hours of college credit through NCTC, and 2 credits towards Plumbing Technology II at KHS.

Students will gain Level I certifications for plumbing and construction management through NCTC. They will also gain the Industry Based Certification of Tradesman Plumber-Limited and sit for the Tradesman Plumbing License after completing 5 hours of PFPB courses

Principles of Construction Technology (CT215)

Taken in the Fall Semester

Service ID 13004220 Credit: 1 Grade Level: 11-12 GPA: Not Included

This course is offered through NCTC. Under Principals of Construction, students will be taking Industrial Mathematics (TECM 1301) and Industrial Safety (OSHT 1320). Students will earn 6 hours of college credit at NCTC, and 1 credit towards Principals of Construction at KHS.

Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I (CT217)

Taken in the Fall Semester

Service ID 13005800 Credit: 1 Grade Level: 11-12 GPA: Not Included

This course is offered through NCTC. Under HVAC and Refrigeration Technology I, students will take Refrigeration Principals (HART 1307), and Basic Electricity for HVAC (HART 1301) and Residential AC (HART 1341). Students will earn 9 hours of college credit at NCTC, and 1 credit towards HVAC at KHS.

Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II (CT219)

Taken in the Spring Semester

Service ID 13005900 Credit: 2 Grade Level: 11-12 GPA: Not Included

This course is offered through NCTC. Under HVAC and Refrigeration Technology II, students will take EPA Recovery Cert Preparation (HART 1356), Commercial Refrigeration (HART 2342), and Heat Pumps (HART 2349). Students will earn 9 hours of college credit at NCTC, and 2 credit towards HVAC at KHS.

Students will gain Basic Level HVAC Certificate through NCTC. They will also gain the Industry Based Certification of Refrigerant Handling (EPA 608).

Principles of Construction (CT209)

Taken in the Fall Semester

Service ID 13004220 Credit: 1 Grade Level: 11-12 GPA: Not Included

This course is offered through NCTC. Under Principals of Construction, students will be taking Construction Management Tech (CNBT 1316), Industrial Safety (OSHT 1320), and Fundamentals of Electricity I (ELPT 1319). Students will earn 9 hours of college credit at NCTC, and 1 credit towards Principals of Construction at KHS.

Electrical Technology I (CT205)

Taken in the Fall Semester

Service ID 13005600 Credit: 1 Grade Level: 11-12 GPA: Not Included

This course is offered through NCTC. Under Electrical Technology I , students will be taking Motors & Transformers (ELPT 2305) and Motor Controls (ELPT 1341). Students will earn 6 hours of college credit at NCTC, and 1 credit towards Electrical Technology I at KHS.

Electrical Technology II (CT207)

Taken in the Spring Semester

Service ID 13005700 Credit: 2 Grade Level: 11-12 GPA: Not Included

This course is offered through NCTC. Under Electrical Technology I , students will be taking Robotic Fundamentals (RBTC 1305), Programmable Logic Controls I (ELPT 2319), National Electrical Code I (ELPT 1325), Programmable Logic Controls II (ELPT 2355). Students will earn 12 hours of college credit at NCTC, and 2 credits towards Electrical Technology II at KHS.

Students will gain Basic Level 1 Electrical Technician Certificate through NCTC. They will also gain the Industry Based Certification of N3 Index 4.0.

Other Electives

Yearbook (E307, E409, E410)

Prerequisites: Approval from yearbook teacher

Service ID 03230110, 03230120, 03230130

Credit: 1

Grade Level: 10-12

GPA: Not Included

Yearbook gives students marketable experience in print media publishing. This course solely works toward the completion and selling of a large finished product, Krum High School's yearbook. Yearbook class is a real business maintaining an account that must balance-out at the end of term. In class, students compose, construct, and edit all elements of computerized text layout, graphic art, and digital photography. Students work on many clerical operations, make announcements, maintain signs, conduct student polls, take photos, and write articles. The course in turn covers many of the content standards and objectives encountered in English courses, as does it also for objectives of art, business, and computer technology courses. Because Yearbook is a monetary business, students must cooperatively work with others, must be hardworking, and be eager to be creative. Out of class and after school, students will shoot digital photos, sell and design advertising, and distribute yearbook order forms. Students are responsible for the proper care and handling of our digital cameras. Pairs or groups of students should expect to spend some of their time before and after school working on computerized yearbook pages.

Local Electives

Local credits are offered to students but do not count in a student's GPA. Credit is not awarded for local credit classes towards state requirements.

Color Guard (BA1D, BA2D, BA34, BA44)

Prerequisite: Must be selected to squad

Service ID 84200XXX, 84200XXX, 84200XXX, 84200XXX

Credit: 0.5 (local)

Grade Level: 9-12

Physical Education credit may be earned by Color Guard course during fall semesters for the first full credit. A local credit will be awarded for any additional credits. The codes listed above are used once a student has earned the PE credit and/or in the spring semester.

Cheer III (P115)

Prerequisite: Must be selected to squad

Service ID 84200XXX

Credit: 1.0 (local)

Grade Level: 11-12

Physical Education credit may be earned by Cheer course during for the first full credit. A local credit will be awarded for any additional credits. The code listed above is to be used for students who have already earned the PE credit.

Office Aide (L815)

Administrative approval required (see counselor for details)

Service ID 85000XXL

Credit: 1 (local)

Grade Level: 12

Students can apply to be an office aide through their course request. Students who are chosen will be scheduled into an office aide period by their counselor.

Off Period (L819, L825, L826)

Students must have CCMR point (see counselor for details)

Service ID 85000XXX, 85000XXX, 85000XXX, 85000XXX

Grade Level: 12

Seniors can request off periods 1st, 7th and/or 8th pd. Students may have a maximum of two off periods per semester. Parent and administrative permission require along with CCMR point.

High School Courses at Middle School

Algebra I (M100)

Prerequisite: Advanced math in 7th grade

Service ID 03100500

Credit: 1

Grade Level: 8

GPA: Regular

Advanced study of learning to compute positive and negative numbers, solve equations, percents, proportions, graphing and writing equations. TI-83 graphing calculators will be available for students to use in class, but individual purchase of one is strongly recommended.

Spanish 1 (FL10)

Prerequisite: High academic interest in Spanish

Service ID 03440100

Credit: 1

Grade Level: 8

GPA Regular

This advanced introductory class is designed for students that plan on continuing their Spanish studies into the higher levels. This class will develop the four basic elements of the language: listening, speaking, reading, and writing.

Emphasis is placed on fundamental grammar structure, composition, vocabulary building and introductory conversational / reading practice. This class will also serve as an introduction to the cultures of the Spanish-speaking world and its impact on our own. Concepts will be covered more in depth than in the regular class and at faster pace.

**IF students complete the dual language program at the elementary level, they have the option to take Spanish 1 credit as pass/fail.

Principles of Business, Marketing and Finance (CT125)

Prerequisite: None

Service ID 13011200

Credit: 1

Grade Level: 8

GPA: Not Included

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Throughout this course, students will improve and master technology skills, including computer software applications and internet research.

Principles of Agriculture, Food & Natural Resources (CT02)

Prerequisite: None

Service ID 13000200

Credit: 1

Grade Level: 8

GPA: Not Included

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. To prepare for success, students need opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

Principles of Arts, Audio/Video Technology, and Communications (CT100)

Prerequisite: None

Service ID 13008200

Credit: 1

Grade Level: 7

GPA: Not Included

Careers in the Arts, Audio/Video Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

KRUM HIGH SCHOOL

Permission for Off Periods

All students are required to enroll in eight classes. Students on track to graduate and meet program guidelines may be eligible to be off one or two periods per school day. To be eligible for off periods, students must have the following:

****Have met or working towards CCMR designation****

- Be classified a senior that has earned at least 20 credits
- Have parent permission
- Comply with attendance policies and expectations
- Maintain passing grades

_____ I have my CCMR point (eligible for **two** off periods)

_____ I do not have or do not know if I have my CCMR point and need to see my counselor
****Students who are actively working towards their CCMR point will be eligible for **one** off period until point is complete**

Definition of Off Periods - Arriving late or leaving school early.
Students may be off 1st, 7th and/or 8th period only.

I give permission for my student, to have off periods during the 2026-2027 school year. I am aware that my student must meet and maintain the eligibility requirements outlined above in order to receive off periods. I understand that my student may lose the right to have off periods at anytime if failure to comply with guidelines.

_____ I grant permission for my student to schedule off periods for the 2026-2027 school year at Krum High School.

_____ I do not grant my student permission to schedule off periods for the 2026-2027 school year at Krum High School.

Parent or Legal Guardian Signature

Print Name Here

Student Signature

Print Student Name

Date

Name: _____

Semester/YR: _____

Krum High School Credit Check Sheet

English I	

English 2	

English 3	

English 4	

Algebra I	

Geometry	

Algebra 2	

4th Math	

Biology	

IPC/Chem/Physics	

3rd Science	

4th Science	

World Geography	

World History	

US History	

Govt.	Econ

LOTE				

Fine Art	

PE/Athletics	

Electives											
1.			2.			3.			4.		
5.			6.			7.					

Notes:

Test	Passed/Failed
Algebra I	
Biology	
English I	
English II	
US History	

Endorsements

Multidisciplinary	Arts & Humanities	Business & Industry	Public Service	STEM
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- ☐ Speech
☐ CPR
☐ Peace Officer

Pathway: _____